

Title	Synopsis	Outcomes
MKB2705	Research and research reporting helps businesses to make informed decisions about business strategy. Students taking this unit will gain a working knowledge of research methods and data analysis, which includes problem identification, hypothesis formulation and statistical testing. Students will also be provided with practical training in survey design and research report writing. The ability to analyse and synthesise research data is highly valued by industry.	['explain the research process', 'identify a business research problem', 'plan a research proposal', 'design a survey', 'analyse and interpret data', 'prepare a research report.']
SWK2110	This unit will broadly explore the legal mandate and legal processes through which policies in social welfare are implemented. It will also consider key legal dilemmas that impact on social welfare service delivery.	['Outline the origins and purpose of the law, including human rights considerations, particularly as applicable to children and older people.', 'Identify the values and principles that underpin the law including the nature of ethics and ethical practice, how these apply in practice and tensions that may arise.', 'Identify the legal systems and terminology that may affect individuals and families with particular reference to the child welfare and aged care groups.', 'Discuss how legal frameworks and welfare service delivery systems interact.']
AZA3453	The unit introduces critical and practical approaches to research in the media and communication industries. It presents a critical overview of the rationale for research in industry and academia. Various traditions of inquiry are explored and applied to typical research studies conducted in communication and the media with specific reference to South Africa and Sub-Saharan Africa. Specific quantitative, and qualitative research methodologies are investigated. Various key ethical and critical research issues are deliberated.	['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.', 'Demonstrate familiarity with specific methodologies, including, for example, ethnography, case study, survey, textual-, thematic-, discourse-audience- and quantitative content analysis', 'Reflect on relationships between local and global frameworks in developing approaches to research.']
MGC2230	This unit provides a framework for understanding the behaviour of people at work. Its fields of analysis include the individual, the group, and the total organisation. The unit provides information on human factors that influence individual and organisational effectiveness such as differences in perception, personality, motivation, leadership styles and others. The study of organisational behaviour is based upon social science methods and links with other studies in behavioural sciences such as management, human resource management, sociology and psychology.	['define the nature and purpose of the field of organisational behaviour', 'distinguish the major theories used to explain the behaviour of people in organisations', 'identify the major factors influencing individual and group behaviour in organisations', 'read and critically evaluate published research in the field of organisational behaviour.']
MMT5004	This unit is an extension of the minor thesis unit enrolled in to gain extra time to complete minor thesis work.	['NA']

ATS3062	<p>The unit explores production and design practices in digital journalism, including content management systems used in newsrooms, management and design through the latest software programs. The unit examines the effective use of interactive features for multimedia news production, including polls, maps, soundslides and infographics. Students will learn how to produce visually appealing data through a range of software programs, including Adobe products. They will create web pages that feature rich multimedia content. The successful web pages will be showcased on Monash's journalism website, Mojo, or published on other news websites. Students will develop a special project through individual consultation with the lecturer to produce a high standard of multimedia journalism. They will apply production skills to breaking news scenarios, including natural disasters, police news, political developments or sporting events. Please be aware that access to certain technology/equipment will be required for this unit. Contact the unit coordinator for details.</p>	<p>['Acquire a conceptual overview of digital journalism production and its functionality in the newsroom.', 'Employ digital techniques to produce assets that enhance story-telling appeal via web pages.', 'Understand the mechanisms of content management systems and the use of basic HTML code to embed assets within story pages.', 'Employ data journalism software to create relevant data sets for news investigations.', 'Gain a high level of proficiency in producing and design web pages that are aesthetically appealing for the digital audience.', 'Develop digital production and design skills that will enhance job opportunities in digital journalism.']</p>
BEX5601	<p>This unit introduces students to the environment in which organisations operate. From a macro perspective the unit provides an overview of the political, legal, social, economics and technological contexts in which business operates, the role of the states and its relationship to business and society. The unit also provides a brief look at the international environment in which business operates including cross cultural issues that may affect business operations. Continuing the understanding of the macro environment the unit considers the competitive and regulatory environment in which business operates and this is followed by a consideration of the changing global financial situation and its impact on markets and risk management. Along with the strategic economic and legal environment of business at the global, market and organisational levels, this unit will focus on the impact of new and emerging technology on business outcomes.</p>	<p>['evaluate the economic, technological, political, and social environment in which business operations are managed', 'critically evaluate the role of ethics in business', 'critically evaluate the role of globalisation and technological disruption and their impact on business', 'apply critical thinking skills to practical business issues', 'develop capabilities in economic, social, and environmental value for business.']</p>
MBA5228	<p>Global Executive MBA Transformation II unit comprises four component topics: Executive Leadership IV: Transformation Mindset, Corporate Governance, Executive Masterclass and Corporate Strategy.</p>	<p>['be able to analyse and synthesise complex business situations by drawing on the knowledge bases of Leadership, Corporate Governance, Executive Masterclass and Corporate Strategy', 'be able to demonstrate the ability to integrate and evaluate that knowledge to create and implement appropriate business initiatives and responses.']</p>

BTH4100	<p>Students will undertake a supervised research project. Candidates may commence the honours year at the beginning of either the first or second semester. Students will carry out a research project and present the results of their study in both written and oral form. Information about research projects will be available from the course coordinator towards the end of the preceding semester.</p>	<p>['Critically review the scientific literature that underpins the selected area of biotechnology research;', 'Undertake a supervised research project in an area of biotechnology and contribute to project design and management;', 'Apply appropriate laboratory techniques, research methodologies and data analysis methods to collect, interpret and report the findings;', 'Effectively present the research and findings orally showing a firm grasp of the area;', 'Analyse the research in the context of the discipline area and report the findings in an extended written report.']</p>
ATS2890	<p>This unit will introduce students to skills and concepts in writing for performance independently and in a collaborative workshop environment, culminating in performance work based on the completed script. The program will introduce students to the key stages of developing a script for the stage and will also engage with key industry concerns in the field of script writing.</p>	<p>['Basic skills in writing for performance.', 'An understanding of aspects of creative processes in the field, and of the (procedures appropriate to the development of new work.', 'A knowledge of the structural choices in the development of a performance text.', 'Skills in editing and adaptation.', 'The capacity to articulate critical analyses in systematic written argument, and in clear and confident oral presentations.']</p>
MTE4571	<p>This unit is expected to develop discernment of good and poor design and the close relationship between design, manufacture and material, with special emphasis upon practical materials identification and selection. It engenders an appreciation of the role and responsibility of the engineer in management of risk - be it economic or personal (through design, manufacturing and use). The role of materials identification and selection and the impact on function and environment is covered. In addition it looks at the role computers play in all facets of the current engineering environment, including the key areas of design, analysis, machining and robotics. It seeks to give students practical skills in these areas, in particular in the area of computer-aided drafting.</p>	<p>['an advanced understanding of design procedures and to develop discernment of good and poor design. Approaches to design, innovative versus incremental design, robust design. Design criteria, costing of materials and manufacture, and manufacturing technique', 'the ability to identify the materials used in the fabrication of a commercial appliance or product of materials. An understanding of rational materials selection from the reverse engineering of the product. The ability to identify the processing methods utilized to fabricate the product. The ability to evaluate alternative materials and processing methods for the product', 'selection of materials and understanding rational materials selection from a reverse engineering task.', 'an in-depth knowledge of the relationship between design, manufacture and material selection', 'using the above knowledge, the ability to undertake a prescribed design task as part of a design team', 'skills in project management', 'an overview of some of the computer-based techniques/tools prevalent in the modern engineering design environment', 'advanced skills in the use of computer-aided drafting and design (CAD)', 'a thorough understanding of the utility of mathematical model simulations to aid in design and processing of materials (computer aided analysis, CAA)', 'a knowledge of the use of computers in automating and increasing the precision of manufacturing (CAM).']</p>

MEC6887	This unit explores the importance of anthropogenic sources of air pollution and ways to minimize air pollution by the application of different practices. It provides an overview of air pollution in an urban and industrial environment, particularly on the formation of air pollutants, the transport of pollutants in the atmosphere, and the techniques available for controlling these air pollutants (particles, gases, or vapors). Case studies on the current air quality management, the legislation and policies aimed at reducing emissions and improving air quality in Southeast Asian countries will be discussed.	['Critically analyse and discuss the nature of air pollutants and its effects on human health and environment.', 'Evaluate air pollutant concentrations as a function of emission, meteorology, and built environment.', 'Thoroughly assess the different theoretical air quality models and the limitations of each model.', 'Thoroughly assess the theoretical working principles and the limitations of air pollution control systems.', 'Critically evaluate and discuss the present air quality condition in Southeast Asian Countries.']
BTF5180	This subject examines the laws relating to financial services regulation from the policy perspective of what they are trying to achieve. The unit starts by considering the purpose of financial services regulation and the function and powers of financial regulators. It examines financial crime and the penalties which apply to breaches of the financial services laws. Other topics include the regulation of financial intermediaries and financial product advice, consumer protection and redress, fundraising and disclosure, brokers and financial markets and consumer credit.	['critically examine the role and powers of financial regulators', 'research, describe and analyse the regulation of financial products, financial markets, financial intermediaries, financial advice and consumer credit in Australia', 'communicate effectively about financial regulation issues, both verbally and in writing.']
FOR5013	Paediatric forensic medicine encompasses the medico-legal issues arising from the provision of a medical service to children. The unit will largely focus on developing practitioners' skills required for the medical assessment of cases of suspected non-accidental injury in children. Such assessments require knowledge of the relevant legislation, injury patterns, specialised investigative techniques, documentation and interpretation. Teaching will focus on trauma and forensic principles, childhood development, injury patterns (both accidental and non-accidental), medical conditions that may mimic injurious events presentation of findings and opinions to the courts.	['Compare and contrast types of injuries and common injury patterns observed in childhood development stages with those observed in non-accidental injuries and abuse.', 'Accurately assess and document injuries using notes, diagrams and photography.', 'Apply knowledge of non-accidental injury to the analysis of bones, intra-abdominal and intra-thoracic trauma.', 'Outline the processes involved in assessing children when there are concerns of neglect.', 'Critically apply knowledge of the epidemiology of child neglect and physical assault to support injury assessment.', 'Interpret and apply current legislation concerning offences against children.']
MGF5690	This unit is an introduction to services and operations management concepts. The unit introduces operations management concepts in delivering value to customers, within and across organisations. Furthermore, the unit introduces and investigates service management in a variety of industry contexts, including discretionary and non-discretionary services. The services and operations concepts are synthesised through applied assessment.	['define and distinguish between services and operations management principles and practices', 'outline and apply operations management concepts in delivering value to customers', 'apply and analyse discretionary and non-discretionary service management concepts', 'synthesise services and operations management concepts.']

NUT3004	<p>Nutrition controversies will focus on developing student's fundamental scientific knowledge and critical reasoning skills in the area of nutritional science. Building from earlier units that taught principles relating to evaluation of evidence and advanced research methodologies combined with a solid background in physiology, immunology and biochemistry this unit will link diet and disease outcomes using available evidence.</p>	<p>['Detail the scientific background and current consensus of opinion in a selected area of controversial research in human nutrition.', 'Identify the major sources of nutritional literature in a systemic way in order to collect information in a selected topic.', 'Critically evaluate scientific evidence underpinning a selected area of research in human nutrition.', 'Discuss scientific literature and draw reasoned conclusions.', 'Formulate an opinion based on a critical review of the existing evidence for a specific topic in topics related to human nutrition.', 'Engage in critical discussions on the nutritional controversies assigned.', 'Competently communicate scientific knowledge and understanding in oral and written formats.']</p>
ATS2907	<p>The unit examines developments in Islamic thought in the last three centuries. In many cases, this era has seen the breakdown of the classical Islamic paradigms of governance, leadership, learning, and social order, and the consequent development of new Islamic or Islamist ideologies and movements. Examples will be considered from both Sunni and Shi'ite perspectives across diverse landscapes. The lives and works of significant figures in modern Islamic history will be studied in order to understand the diversity of the ways in which Islamic thought has responded to the colonial and post-colonial age. The course introduces the pre-colonial background of the Mughal, Ottoman, and Safavid Empires, before moving to the colonial encounters, state reforms and emerging ideologies in the nineteenth century. The course provides an up-to-date introduction to various Muslim movements in the colonial and post-colonial period. The course materials entail selections from important primary sources, as well as audio-visual materials.</p>	<p>['identify and explain a range of Islamic responses to the breakdown of traditional structures following the collapse of the gunpowder empires, and of colonialism, in traditionally Muslim-majority regions of the world;', 'critically evaluate theories of post-colonial encounter in relation to Islamic thought and its responses to the changing world;', 'analyse the contribution of individual thinkers and leaders within the Islamic world nineteenth century onwards;', 'assess the impact of both western and non-western cultural practices on the articulation of Islam in a range of historical and contemporary contexts, as a response to colonialism and post-colonialism;', 'collaborate with others and express ideas verbally in group situations and in-class presentations.']</p>
CIV4210	<p>In this unit, each student will be required to undertake a research project from a number of topics offered. These topics in general include one or a combination of design, theoretical, review and investigation works that will make a new contribution to the body of knowledge. Experimental work is only permitted when combining with CIV4211.</p>	<p>['Conduct research on topics related to civil engineering within a given timeline', 'Develop a sound research plan based on available scientific tools relevant to the project', 'Undertake an extensive review of relevant literature', 'Communicate to a professional audience via poster medium', 'Analyse data and prepare i) a written progress report if taken with CIV4211 or ii) a written research paper and oral presentation if taken alone']</p>

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.']
NUR5215	The nature of mental illness; the nursing process in mental health nursing; roles and functions of mental health nurses; context of care; mental health problems and disorders; therapeutic interventions in mental health care; ethical and legal issues; specialisation in mental health nursing.	['Apply knowledge of comprehensive mental health nursing assessment including a risk assessment', 'Explain the commonly used diagnostic classification systems in psychiatry and mental health nursing', 'Promote consumer participation in all aspects of health care', 'Apply knowledge of advanced mental health nursing skills in planning, implementing and evaluating mental health nursing care for people with mental disorders', 'Apply the principles underlying contemporary therapeutic interventions for people with mental health disorders', 'Apply knowledge of a range of contemporary physical therapies including psychopharmacological preparations, electroconvulsive therapy, and milieu therapies (e.g. high dependency, seclusion, Snoezelen) and their application in mental health care.', 'Integrate the relevant legislation and policy impacting upon the professional practice of mental health nursing', 'Integrate and apply knowledge of ethical issues in nursing people with mental health disorders', 'Critically appraise research evidence applicable to mental health nursing practice', 'Ensure that mental health nursing practice is culturally appropriate']

ATS1701	<p>The unit provides an overview of contemporary political violence, including terrorism, guerrilla warfare, and related forms of violence. It examines the different ways in which political violence manifests itself and addresses the questions of motivations for engaging in political violence and ways of understanding political violence. In so doing it covers cultural, economic and political explanations as well as conceptual debates in the field and different strategies for dealing with the threat of global terrorism. This unit analyses case studies of violent actors that espouse different ideological and theological orientations from different parts of the world, including Australia.</p>	<p>['a. an introductory understanding of the cultural, economic, social and religious circumstances that lie behind the spread of politically motivated violence;\n\nhow terrorism is a unique form of political violence, yet one that shares some features, objectives and tactics of guerrilla warfare, organized crime and political assassination.\n(2)An introductory understanding of how politically motivated violence challenges established domestic and international political norms; especially in areas of citizenship, state surveillance and international cooperation between states;\n', 'how terrorism is a unique form of political violence, yet one that shares some features, objectives and tactics of guerrilla warfare, organized crime and political assassination.\n(2)An introductory understanding of how politically motivated violence challenges established domestic and international political norms; especially in areas of citizenship, state surveillance and international cooperation between states;', 'An introductory understanding of violent extremist networks and extremist groups and how these networks and groups impact upon national and international security;', 'An ability to contribute in a constructive way to public debates in areas such as social alienation and its relationship to violence; the ethics of using violence to resolve conflicts; the limits of legal and acceptable political action.', 'A solid grounding in a range of case-based examples of terrorist and other forms of political violence as perpetrated by various ideological and theological actors from different parts of the world, including Australia.']</p>
ATS3776	<p>This unit builds upon skills developed in Script Development 1. It explores specific applications of script development such as writing for the stage, writing a monologue, writing for television, writing for radio etc. Students gain experience in the finalisation of a script and its presentation for publication, performance and recording. By the end of the unit students will have produced a script at a professional level able to be considered for production, broadcast or assessed for grant support.</p>	<p>['Enhanced skills in the practice of their own writing in more than one performance genre;', 'An advanced practical understanding of aspects of creative processes in the field, and of the procedures appropriate to the collaborative development of new work;', 'An increased familiarity with the distinctive methodological issues involved in the study of the form, and of the languages appropriate to their articulation and analysis;', 'A greater knowledge of the implications of structural choices in the evolution of a performance text;', 'Skills in editing and adaptation to professional level;', 'The capacity to articulate critical analyses in systematic written argument, and in clear and confident oral presentations.']</p>

BMS5008	This unit is the research project component of the Master of Biomedical and Health Sciences.	['Critically review the scientific literature in their discipline;', 'Identify the processes involved in the design, development and implementation of a research project;', 'Design, execute and analyse an appropriate set of studies;', 'Perform the variety of scientific procedures and techniques essential to the satisfactory completion and reporting of their specific research project;', 'Proficiently acquire skills in data collection using computers or high-end biomedical devices', 'Competently acquire the critical thinking and reasoning to analyse data from computers or high-end biomedical devices', 'Critically evaluate, using appropriate statistical analyses, data from a scientific project to deduce appropriate interpretations', 'Investigate, evaluate and select appropriate graphical and other formats for presentation of data', 'Effectively communicate research outcomes in verbal and written form using appropriate tools to a scientific audience, including writing up scientific work in a potentially publishable way;', 'Assemble from the breadth and diversity of the biomedical sciences thoughtful reasonings and interpretations of research findings to formulate a discussion']
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.']
BEX6660	Advanced topics in macroeconomics, current research and policy issues. The topics may include an in-depth study of consumption, investment, inflation and monetary policy, unemployment, and empirical applications.	['possess technical proficiency to initiate and pursue PhD level research', 'be capable of developing an original research topic', 'be in a position to undertake research in macroeconomics and related fields.']
PHA3990	This unit provides the opportunity for high achieving students to work with an academic supervisor and complete a research project in Pharmacology. The research project may be chosen from a list of projects available at the beginning of semester from the Department of Pharmacology. The unit convenor and supervisor must approve the project topic at the time of enrolment. Student will work in a research laboratory to obtain data, will complete a written preliminary and final report and will give a series of oral presentations on their work.	['Undertake a research project with regard to ethical and safety regulations;', 'Demonstrate technical skills in experimental methods and the ability to collect, analyse and interpret data using methods relevant to the discipline of Pharmacology;', 'Communicate appropriately and effectively with supervisors, laboratory staff and students;', 'Maintain accurate and up-to-date records of experimental procedures, results and outcomes;', 'Identify relevant published scientific literature and critically analyse and evaluate the content in the context of the discipline of Pharmacology;', 'Construct written reports.']

ATS2800	The unit consolidates intermediate skills in music ensemble performance developed in ATS1348 Music ensemble 2.	['Demonstrate further command of music ensemble performance skills beyond the level attained in ATS1348 Music ensemble 2 in a chosen/approved music ensemble.', 'Demonstrate effective control of the elements of ensemble performance (for example, accuracy, articulation and phrasing, tone quality, dynamics, expression, and so forth).', 'Convincingly perform select repertoire in a public setting.']
BFW3651	Treasury functions; risk assessment evaluation; strategy formulation and implementation; liquidity and cash management; audit and control.	['explain the role of treasury operations in an international or a local bank', 'describe how risk management processes work', 'demonstrate the application of hedging techniques used in banks' treasury operations', 'apply critical thinking, problem solving and presentation skills to individual and/or group activities dealing with treasury management and demonstrate in individual summative assessment tasks the acquisition of a comprehensive understanding of the topics covered by BFW3651.']
SWM5105	In all fields of contemporary social work, practitioners need the skills to effectively consume, produce and apply research knowledge, to ensure that actions are based on appropriate and critiqued evidence. Research is a powerful intervention tool through which change can be achieved with individuals, groups and communities.	['Discuss the contributions of research to the wider social work skill and knowledge base and to socially constructive outcomes.', 'Articulate the most common research methods evident in social work research and discuss the strengths and weaknesses of the different research methods that can be applied to social work.', 'Critically analyse key approaches to social work practice research.', 'Demonstrate the knowledge required to evaluate and choose relevant research methods for a range of social work research projects.', 'Critically evaluate existing research literature, especially in terms of research design.', 'Design a social work practice research project that meets rigorous and evidence-based design principles.', 'Identify the ethical issues that need to be considered with respect to the conduct of human research projects.']
LAW2101	Contract law addresses the concepts, principles and rules used to determine the existence and content of binding promises and their enforcement or defeasibility in a market economy. It also involves a consideration of the underlying policy considerations. Contract law is taught in two units: Contract A and Contract B. Contract A covers the introduction to contract law, the formation of contracts (including capacity and formalities), privity of contract, estoppel, and the incorporation, construction and validity of contractual terms.	['Identify and articulate legal issues that arise in scenarios involving contracts, including formation, privity, estoppel and contractual terms', 'Select and use appropriate research tools and reasoning methods to synthesise and evaluate relevant legal and factual issues', 'Interpret, evaluate and apply principles of contract law with awareness of broader social, economic, international and policy contexts', 'Engage in critical analysis and exercise professional judgement in make reasoned choices among alternative interpretations and actions', 'Apply legal reasoning and research to formulate appropriate responses to legal issues', 'Collaborate and communicate effectively and persuasively', 'Learn and work with autonomy, accountability and professionalism']

OHS1000	An introduction to occupational health, safety and environmental training within the context of courses within the Faculty of Art, Design and Architecture, together with an understanding of the historical perspectives and context of safety and environment concerns in the workplace. The difference between hazard and risk, and the process of risk assessment in workplaces.	['Have an understanding of the nature of health and safety in the workplace, community expectations, and the relevant legislation;', 'Be conversant with procedures for dealing with emergencies;', 'Have an understanding of the terms hazard, risk, risk assessment, and risk management, and an understanding of the procedures for assessing and managing risk;', 'Be able to identify the main types of hazard which may be encountered in studios and workshops - chemical, physical, and biological;', 'Have an understanding of the importance of controlling risk and how this is done.']
FIT3160	This unit focuses on the implementation and management of content for mobile devices. Persistent and client-side data management, storage mechanisms, as well as data synchronization from different sources, data dissemination, data caching and invalidation are covered, particularly data consistency and integrity, location based querying, query optimisation and transaction processing. Push, pull and broadcast techniques are covered. The unit's emphasis is on mobile data as opposed to the traditional stationery databases.	['Differentiate between mobile data and traditional stationery databases;', 'Explain the concepts required for efficient persistent and client-side data management;', 'Design and implement mobile databases that apply the principles of mobile storage mechanisms, mobile transaction management, and recovery;', 'Demonstrate the use and impact of multi-source data synchronisation, data caching and invalidation, and data consistency and integrity in mobile data management;', 'Apply push, pull and broadcast data techniques to the design and evaluation of mobile databases.']
AMU3575	This multidisciplinary capstone unit is designed to be a culminating experience for students in the School of Arts and Social Sciences. Students from Communications, Writing, Global Studies, and Gender Studies majors will work in groups on a policy report and recommendation on a specific issue of contemporary concern. Students will bring their disciplinary expertise to bear in identifying the key challenges inherent to the issue and proposing solutions to these challenges. The report and policy recommendations will be presented to an external expert in the specific issue area.	['identify various state and non-state actors and their roles in contributing to and resolving an international policy issue;', 'critically analyse the goals and motivations of various actors involved with an international policy issue;', 'collaborate effectively with peers in a small group environment;', 'interpret primary and secondary documents through developing critical reading skills;', 'communicate ideas and arguments in verbal form;', 'write and present policy briefs.']
MID3222	This clinical unit focuses on the essential requirements of the registered nurse or registered midwife to demonstrate an understanding of safety in health care contexts.	['Describe the complexities of healthcare safety and evaluate the principles of clinical risk and governance;', 'Explain the contribution of 'human factors' to the provision of healthcare and the importance of inter-professional collaboration to minimise risk in the provision of healthcare;', 'Apply the principles of quality improvement including the methods and tools used to measure patient/woman safety in varying clinical contexts;', 'Evaluate the scope of practice of a nurse and midwife in relation to the Nursing Practice and Midwifery Practice decision making frameworks;', 'Critically analyse the complexity of the healthcare and safety risks of maternal health for women in Aboriginal and Torres Strait Islander people;;', 'Demonstrate developing midwifery competence based upon the Nursing and Midwifery (NMBA) 'Midwife standards for practice';"]

PAR3032	This is the final clinical unit for the paramedic undergraduate and brings together all the previous clinical units.	<p>['Apply the combined knowledge of all previous clinical units to the critical care and specialty situation patients.', 'At a graduate level, through scenario and simulation work, demonstrate an understanding of the presentation, assessment, and paramedic management of the selected critical care specialty conditions commonly encountered by paramedics.', 'Evaluate the drugs commonly used by paramedics and apply their use to the management of selected critical care specialty conditions.', 'Integrate the clinical approach at a graduate level, to demonstrate your high level of theoretical knowledge, and clinical skills, to assess and manage patients with selected critical care specialty conditions in 'real time' work simulation. This will involve using an extended range of skills including: clinical problem solving, clinical decision making, patient safety, communication and teamwork.", 'Outline the structure of medical retrieval systems in Australia and the Asia-Pacific region and demonstrate the required clinical skills to participate in medical retrieval and/or inter-hospital transfers.', 'Develop clinical preparedness for transition to employment as a graduate paramedic.']</p>
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OCC5060	<p>In this unit, students begin to shift their view beyond the occupational challenges facing individuals, to consider the ways in which the occupations, health and well-being of groups, communities, and populations' may be impacted on by social, political and organisational factors. Students apply advanced clinical reasoning and intervention skills in case based scenarios applied to groups of people and communities who are experiencing complex health and social problems rather than individuals. The cases chosen highlight the multiple approaches to occupational intervention, both individual/clinical and community/prevention.</p>	<p>['Demonstrate critical appraisal, critical reasoning and critical thinking skills through application of theory into primary care, health promotion and population health in scenario based learning and in a practice setting;', 'Appraise the influence of government policy on the development of services and associated funding systems available to prevent ill health and promote health and wellbeing, the role of community, national and international agencies, and their functions in the prevention of ill health, the promotion of health and wellbeing, and rehabilitation and how this relates to occupational therapy practice;', 'Apply intervention principles for promoting change among individuals to whole communities;', 'Demonstrate the rights of consumers and carers and strategies to involve consumers and carers in service planning, delivery and evaluation through interacting with them in an ethical and socially responsible approach to practice and practice based enquiry;', 'Describe and appraise principles and approaches to advocacy and lobbying;', 'Analyse the principles of, skills associated with program development, program management, evaluation and resource management;', '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;', 'Undertake a needs analysis by scoping an organizationally useful and occupationally relevant project or program and use findings of assessments/needs analyses to develop programs using best available evidence;', 'Apply program management skills such as applying resource management and function as a project manager and liaise with an organization to define a project;', 'Consult with service providers, community leaders, consumers and carers about their rights, service choices, and options and demonstrate power sharing with them in relationships the development of a partnership approach to service development and provision and setting priorities for change; and share resources in a mutual educational process to facilitate decision making and advocacy about service choices, and options.']</p>
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MEC4447	<p>Computational Fluid Dynamics (CFD) is a well-established analysis, design and optimisation approach for industrial fluid and heat transfer problems. Examples include turbomachinery, vehicle aerodynamics and aeronautics. It is also a powerful research tool and is being increasingly used to answer fundamental questions in a wide range of fields, from astrophysics to nanomaterials. This Unit provides an introduction to this mathematically sophisticated discipline. This involves a review of the equations governing motion and energy of fluids, the mathematical properties of these equations and the relevance of such properties to obtaining numerical solutions. The basics of numerical discretization and solution methods will be discussed. The Unit will also introduce you to using commercial CFD packages in analysing complex industrial problems involving fluids.</p>	<p>['Discuss the main approaches used to discretise the compressible and incompressible fluid flow equations.', 'Appraise the capabilities and limitations of Computational Fluid Dynamics (CFD) packages to model engineering problems in fluid flow and heat transfer.', 'Apply a theoretical understanding of the concepts of resolution, stability and order of numerical methods for solving partial differential equations relevant to engineering.', 'Execute suitable approximations when modelling turbulent flows.', 'Formulate an approximate solution to an engineering problem using a CFD package, with appropriate selection of boundary conditions, grid size and turbulence model.', 'Synthesise this knowledge to program simple numerical models relevant to heat transfer and fluid flow.']</p>
ATS2169	<p>This second-year unit will introduce students to the theory and practice of photojournalism.</p>	<p>['Students will develop an understanding of the historical circumstances, technological developments and industry context which have contributed to the contemporary practice of photojournalism.', 'Students will develop the ability to critically assess what constitutes an effective image from both a technical and journalistic point of view.', 'Students will develop competencies in planning, selecting and setting up photographic subject material in accordance with good journalistic practice.', 'Students will develop competencies in taking individual photos, or sets of photos which present coherent narratives, that are suitable for publication, using industry-standard photographic equipment.', 'Students will develop competencies in editing photos for publication in a variety of media using industry-standard software.', 'Students will be able to provide captions and other interpretative text for both individual photos and photo essays.', 'Students will be able to work within the ethical parameters of photojournalism.', 'Students will develop photojournalism skills and a portfolio of work that will enhance job opportunities in journalism.']</p>

TRM4001	<p>Successful clinical research is conducted under the guise of a well-constructed study question that is feasible, interesting, novel, ethical and relevant. A study design must be conceived with appropriate measures of clinical observation and intervention. This unit will establish a fundamental knowledge in drug development, conducting Clinical Trial studies, designing a good protocol, international conference on harmonisation good clinical practice (ICH-GCP) and delegation of responsibility and co-ordination. The unit provides instruction in the development of a clinical research question and creating a concise protocol that includes literature review, study design, subject sampling and recruitment, instruments and other measurement approaches, sample size, consent form, budget and timetable. The aim of the unit is to introduce students to the processes and regulations involved in developing a therapeutic through to clinical trials. Students completing this unit should be able to construct a testable clinical research question and design a protocol that is ethical, well controlled and statistically powerful. Students should also be able to identify the roles of the sponsor, the investigator, the institutional review board/ independent ethics committee and the local regulators.</p>	<p>['Design a clinically relevant question and set of experiments.', 'Outline Good Clinical Practice as followed by the international Conference on Harmonisation.', 'Identify and describe the key steps in conducting a Clinical Trial including different types of human research and protocols that can be implemented.', 'Identify and describe the key steps in the drug discovery process including identification of drug targets, Australian regulatory requirements, manufacture, development of a safety profile, clinical development and marketing.', 'Outline how to manage regulatory documents.', 'Outline the role of the Sponsor, the investigator, the institutional review board/ independent ethics committee and the local regulators.']</p>
ATS2961	<p>The unit surveys a broad spectrum of political thinkers and explores their ideas and the historical contexts in which these ideas emerge. It aims to give students an understanding of key concepts and arguments in political philosophy concerning order and disorder, power and authority, tradition and change. The thinkers studied, Socrates, Plato, Machiavelli, Hobbes, Locke, Burke, and Marx, are discussed with reference to both the contexts in which they lived and the significance of their ideas both within and beyond those contexts. Learning activities will include lectures, large and small group discussions, short (500 word) and longer (2000 word) written exercises.</p>	<p>['Describe and compare ideas from different strands of political thought.', 'Recognise and evaluate the role of cultural and social contexts in the formulation of political ideas.', 'Critically discuss political theories concerning nature and reason, power and morality, tradition and revolution.', 'Effectively research the signification and significance of terms, ideas and arguments in political theory.', 'Communicate perceptively the key ideas, arguments and contexts of political theories.', 'Explain explicit or implicit ethical values and assumption/s in various political theories.']</p>
AMG5743	<p>The unit is an alternative to AMG5742 for students who want the option of progression to a higher degree by research. It is undertaken in the final semester of the Master of Communications and Media Studies and allows students to develop an independent research project. The topic is chosen by the student and developed with the advice and support of a supervisor. The project is written up in an 18000 word dissertation, allowing the student to demonstrate advanced skills in research, writing and project management. Students are encouraged to consider the project not only as a formal requirement for the degree, but also as contributing to a portfolio of professional and scholarly development.</p>	<p>['Knowledge, skills and attributes necessary for understanding and engaging in advanced research;', 'An ability to design, write and edit a research thesis;', 'An ability at advanced level to analyse and evaluate arguments, and to understand critical approaches relating to the communication industries and communication issues;', 'The capacity to contribute advanced knowledge in the chosen area of research;', 'An enhanced intellectual independence, and greater self-reliance and critical distance in intellectual and professional activity.']</p>

ATS3466	This unit examines the intersection of sex and crime, and the role gender stereotypes play in the operation of the criminal justice system. Key critical criminological, feminist, masculinities and queer theories are used to explore how social norms of femininity and masculinity produce particular sexed understandings of crime and criminality. Theoretical insights and contemporary understandings of the criminal justice system, popular and media representations, and development of public policy responding to sex and crime are surveyed, and critical assessments made. Topics include sex and the nature of crime; gender and policing; femininity, masculinity and violence; and, sexed and sexual violence.	['Determine the need for a critical understanding of the gender, sex and crime in historical and current social perspectives;', 'Find and generate information and data that can be used to facilitate a critical understanding of how gender is constituted in society and the criminal justice system;', 'Demonstrate a depth of knowledge and comprehension of methodological and theoretical analyses of gender, sex and crime;', 'Organise and manage the collection of relevant research materials;', 'Synthesize, analyse and apply critical understandings of historical and contemporary gender and crime research;', 'Identify, evidence and communicate examples of how gender must be examined alongside other sites of power such as race, class and age.']
IDE2120	This unit covers a range of design theories and practices that underpin enduring and resilient ways of reducing the negative impacts of the human production of objects and environments and their associated sociological behaviours. Various perspectives of production, consumption and exchange are considered including Life Cycle Analysis tools, Recycling, Re-use, Dematerialisation and Reduction. The outcomes intend to demonstrate knowledge of the core themes of designing objects and environments that are sustainable to society, economy and nature.	['Identify, analyse, and interpret the general characteristics of design for sustainability;', 'Practice the application of enduring and resilient responses to design problems;', 'Demonstrate an appreciation of the practical and theoretical nature of human sustainability, in particular the relationship between rational processes and their impact on objects and environments;', 'Observe and employ occupational health and safety appropriate to studio practice.']
ATS1229	This unit aims to provide a basic foundation in the basic language skills: listening, speaking, reading and writing Italian, and a brief introduction to contemporary Italian social and political history and culture. It is specifically designed for those students who have little or no knowledge of the language.	['understand, speak and write basic Italian with reference to present, past and future events in a range of everyday situations', 'read elementary but authentic Italian texts', 'understand basic structural aspects of Italian', 'have an enhanced understanding of language learning and communication strategies, and', 'understand key aspects of contemporary Italian culture and society.']
CPS5002	This unit will explore the history, theory and principles of Developmental Observation and its relevance to clinical and consultative work with children and adolescents. There will be a consideration of the nature of the links between observation and the developmental theories. Students will be able to explore these areas both through the context of the course work and prescribed observations of children in their naturalistic settings.	['evaluate the relevance of observation skills to the understanding of children and adolescents in both therapeutic and consultative work;', 'analyse the nature of links between observation and the developmental theories;', 'monitor and evaluate their own responses to what is observed and critically apply these in their work;', 'critically evaluate their observations in discussion and in written assignments; and', 'integrate Developmental Observation theory, history and principles with observation experiences and their clinical work, demonstrating these processes in accounts of their own learning.']

EAE4060	<p>The unit aims to teach the skills of geological mapping in two classic field locations of Australian geology, in Broken Hill (poly-deformed and high-grade metamorphic terrane) and Bermagui (poly-deformed, highly complex terrane). In both field camp, the emphasis will be on observing, recording, and interpreting geologic phenomena in a natural environment. Students will draw on a theoretical background of lectures and laboratory studies in first, second and third-year geology to analyse real rocks in the real world. Students will use their observations and interpretations to construct geological maps and cross-sections and determine the geological history of complex poly-deformed terrane. The concept of key locality for observation and critical thinking for correlation between key locality will be introduced and applied to produce map and cross sections of highly complexly deformed terranes.</p>	<p>['produce structural geological maps;', 'observe and interpret the distribution of lithologies and structures in the field;', 'correlate observations and interpretations at the outcrop scale to produce consistent map and cross-sections;', 'determine the relationship between structure and metamorphic assemblages;', 'visualise complex three dimensional geometries;', 'unravel the geological history of complexly deformed terranes;', 'determine overprinting relationships from field geology;', 'communicate results in a written report;', 'work in a team environment and communicate of results with peers;', 'equip students with discipline-specific knowledge and expertise appropriate for post-graduate research in the field; equip students with discipline-specific knowledge and expertise enabling them to take their place as professional geologists in industry or government organisations; develop their field mapping techniques.']</p>
ATS1304	<p>Employing textual criticism, critical theory and theories of political economy, this unit will introduce a variety of approaches to the study of television. It will consider the phenomenon of television through a critical approach to the forms specific to broadcast television through an understanding of recent theories relating to popular culture. These include issues of history, genre, context, consumerism and audiences. Attention will also be given to the cultural and economic forces that shape and are reflected in the structuring of television programs and networks.</p>	<p>['identify and discuss the histories and conventions of television genres;', 'identify and explain changing narrative forms in television;', 'describe approaches to examples of Australian and international television;', 'explain changing delivery platforms for television and the ways contemporary television seeks new audiences;', 'critically evaluate screen theoretical approaches and employ them to make arguments based on close textual analysis of television programs;', 'critically reflect on and synthesise screen theoretical approaches and communicate this in written, oral and audio-visual form.']</p>
OCC4092	<p>This unit will enable students to consider their own role within health and human service organisations, and apply and critique contemporary practice knowledge in areas such as leadership and management, team functioning and governance.</p>	<p>['Critique professional issues arising from contemporary practice as a result of organisational and team management, finance, and partnering with consumers;', 'Plan, participate in and present research/project findings at a professional conference;', 'Demonstrate effective presentation skills in written, visual and verbal modes;', 'Create an original scenario that highlights evidence-based occupational therapy intervention/s for a client or group in the context of a client's total service provision from an agency or organisation;', 'Demonstrate ability to reflect on own role within health and human service systems;', 'Critique own performance within an organisation or agency (e.g. self-management, own role and contribution in the team);', 'Identify areas for own continuing learning and professional development to support transition to practice.', 'Apply critical reflection skills, including providing effective feedback to peers']</p>

LAW4306	<p>This course deals with the legal framework within which offenders are sentenced locally and nationally. It will examine sentencing principles applicable under state and federal law in Victoria. The course will examine the sources of sentencing law; the distribution of sentencing authority between the legislature, judiciary and executive arms of government; the control of sentencing discretion; the role of counsel in the sentencing hearing; plea negotiation, and the opportunity for public and victim input. Main sentencing measures and procedures currently utilised will be explored. The problems of sentencing special offender groups and special sanctions such as confiscation of the proceeds of crime will also be examined if time allows. The unit may cover:</p>	<p>['possess an overview of the legal framework within which offenders against federal and state law in Victoria are sentenced or subjected to other measures such as civil action for confiscation of proceeds of crime under state or federal law, or administrative sanctions such as infringement notices, or other post sentence sanctions such as detention and supervision orders, or orders made under the Sex Offenders Registration Act 2004 (Vic);', 'appreciate the role that problem-oriented or solution-focused courts have in relation to the sentencing of drug dependent or mentally disordered persons, family violence offenders and Koorie offenders;', 'understand some of the empirical and criminological dimensions of sentencing;', 'have obtained an overview of different philosophical underpinnings of the sentencing systems.']</p>
ATS1192	<p>ATS1192 develops language skills acquired in ATS1191 with particular emphasis on oral and written practices. In addition, students are introduced to key aspects of Hispanic cultures and societies.</p>	<p>['Converse in basic Spanish for 15 to 20 minutes about past, present and future activities.', 'Use the following tenses: the present habitual, the present progressive, the present perfect, preterite and imperfect, and the informal and formal future.', 'Write compositions of up to 300 words in Spanish, with the help of a Spanish-English dictionary and a reference grammar.', 'Engage in conversations and discussions in Spanish, about themselves, their family and friends, Australia and the world at large.', 'Read and comprehend newspaper articles and narrative and descriptive literary texts of up to 1000 words in Spanish.', 'Demonstrate an understanding of key aspects of Hispanic cultures and societies.']</p>
NUR1205	<p>This unit aims to explore the connection between the science of public health and health outcomes of a diverse range of individuals and populations. Current research evidence incorporating epidemiology and the social determinants of health will be introduced. The unit will focus on vulnerable populations, infectious disease, population screening, health care systems, health promotion, global health and climate change, equipping students with cultural competence and rudimentary knowledge and skills in population health.</p>	<p>['Discuss the impact of population health demographics on health outcomes, with a focus on vulnerable groups;', 'Interpret the incidence, prevalence and clinical relevance of population health information presented in health research publications;', 'Describe the social determinants of health and discuss their impact on the health of diverse population groups and their utilisation of clinical services;', 'Demonstrate an understanding of the concepts of cultural sensitivity, cultural safety and cultural competence as explained in the National Health and Medical Research Council (NHMRC) guidelines; and', 'Apply the principles of 'person-centeredness', leadership and cultural competence to achieve optimal health outcomes across a range of population groups and diverse clinical settings."']</p>

FIT3157	<p>Building upon the skills learned in the Interactive media major core units (Interactive media foundations and Interactive media studios 1 & 2), FIT3157 introduces students to the design and development of mobile online media using HTML5, CSS3, JavaScript and WordPress. This unit is broadly divided into three parts, with groups of four weeks comprising each part. The first and second part of the unit, students will learn the principles and practicalities of responsive web design, touch based interaction and the programming of mobile functionality and animated visual effects. The final four weeks of the unit will cover WordPress content management and theme development, the managing of custom content in WordPress and the building of dynamic WordPress sites.</p>	<p>['analyse, evaluate and design responsive web layouts for touch screen and mobile devices;', 'implement mobile functionality for web applications;', 'design and develop dynamic webpages using animation and visual effects;', 'implement web sites with content management by applying an understanding of server-side concepts and client-server interactions.']</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>
APG5070	<p>In the 21st century, media connects people across time and space, enabling mobility, migration and cultural interaction, while also challenging traditional understandings of how connections between people are maintained based in geographical proximity and cultural identity.</p>	<p>['discuss and critique perspectives about the place of media in enabling and navigating mobility, migration, diaspora, and the experience of international study;', 'read and analyse scholarly publications in media and communications;', 'reflect upon and communicate the experience of student mobility, migration and media use in different forms.']</p>
FIT3172	<p>This unit focuses on the capture, editing and creation/generation of digital sounds and soundscapes for virtual reality environments and games. Students will gain an understanding of the physical and acoustic properties of digital sounds, their communicative capacities, and learn how to layer, manipulate, synthesise and adaptively code digital sound waveforms. In their assignments, students will apply this understanding in the design and creative production of a soundscapes, soundtracks and the sound design of immersive environments.</p>	<p>['explain digital representations of sound and its physical and acoustic properties;', 'implement sound design principles in digital sound recording, editing and synthesis;', 'construct and create soundscapes and sound tracks;', 'design and develop immersive, dynamic and adaptive soundscapes.']</p>

BMS3052	<p>This unit will have a combined approach and examine the biomedical and epidemiological impacts of human disease on society. It will concentrate on the pathobiological and biomedical basis of prevalent human disease processes. Relevant areas examined in this unit may change from year to year but will generally include immune and inflammatory diseases, (e.g. inflammatory renal and joint disease); cancer biology (focussing on mechanisms of tumour spread); cardiovascular biology, (coronary heart disease/cerebrovascular disease); diabetes, obesity and neurological diseases. Disease pathogenesis, including lessons gained from cell/molecular biology and disease models will be the major focus. Concurrently, the epidemiological/clinical features of each disease, current treatments, challenges and future treatment prospects, including clinical trials will be covered highlighting the importance of an evidence-based approach to health care. This will discuss the complexities behind treatment based decision making by reviewing the evidence- base and understanding the criteria for deciding on what is best evidence. This unit will consider the biomedical basis and epidemiology in the context of the Australian health care system, including the Pharmaceutical Benefits Scheme (PBS), health policy and service delivery systems, putting illness and health in the context of social, cultural and behavioural systems.</p>	<p>['Integrate and apply their knowledge from previous core units in the study of specific human diseases;', 'Describe and distinguish between the pathobiological processes related to disease;', 'Recognise and cite evidence for how biomedical research, including cell biology, animal models of disease and human studies are important in defining the pathogenesis of disease and the optimal treatment of disease in a public health context;', 'Demonstrate sophisticated interpretation and application of epidemiological methods and principles and discuss critically and cite evidence for the impact of disease on the individual and society;', 'Identify and evaluate the contribution of the epidemiological studies involved in prevention, diagnosis and treatment of specific diseases and justify your reasoning;', 'Critically assess the epidemiological quality of research in a range of studies outlining the basis of your methodological approach and criteria for determining the quality of the research;', 'Synthesise and critically analyse medical literature to discover future challenges in disease pathogenesis and treatment;', 'Further develop research skills including collaborative team work, clear communication and interpersonal skills as well as critical thinking and writing skills.']</p>
STA2216	<p>This unit is designed to develop an understanding of some of the most widely used methods of statistical data analysis, from the viewpoint of the user, with an emphasis on planned experiments. Students will become familiar with at least one standard statistical package. Topics covered include: parametric and nonparametric procedures to compare two independent and matched samples; review of simple linear regression; multiple linear regression - analysis of residuals, choice of explanatory variables; model selection and validation; nonlinear relationships; introduction to logistic regression; basic principles of experimental design; one-way and two-way analysis of variance models; planned and multiple comparison techniques; power and sample size considerations in design; usage of some available statistical packages including Minitab and/or SPSS, data preparation, interpretation of output.</p>	<p>['Recognise the requirements for design of an effective experiment and the nature of data arising from these situations;', 'Demonstrate an understanding of some of the important parametric and non-parametric methods of statistical data analysis, including analysis of variance, multiple linear regression and logistic regression;', 'Identify and apply an appropriate statistical technique for analysing a given design/ data set;', 'Formulate a model relating a response variable to a number of given independent variables;', 'Use a statistical package for applying statistical techniques covered in the unit.']</p>
BEX2010	<p>This unit develops analytical tools for understanding macroeconomic fundamentals. It provides students with a unified framework that can be used to analyse macroeconomic issues such as employment, productivity, growth, inflation, business cycles, and macroeconomic policies. The unit combines macroeconomic theory with real-world applications.</p>	<p>['understand the basic macroeconomic frameworks', 'analyse systematically the forces that determine changes in macroeconomic performance and living standards', 'appraise critically the important current macroeconomic issues', 'appreciate the nature and relevance of some significant recent developments in macroeconomics', 'engage in rigorous economic analysis.']</p>

ATS2748	In this unit, students will study the ancient Greek language. The unit is designed to bring students with no previous knowledge of ancient Greek to a level at which they can begin to read and enjoy ancient Greek texts. Emphasis in this unit is on acquiring grammatical knowledge and on building a good vocabulary. Students will learn the Greek alphabet and begin reading Greek prose of increasing complexity, with emphasis on the Attic Greek dialect spoken and written in Athens in the 5th century BCE - the language of Plato, Thucydides, and the great Athenian playwrights.	['demonstrate a base of grammatical and syntactic knowledge in ancient Greek;', 'recognise and translate a substantial vocabulary in ancient Greek;', 'identify basic terms of grammatical analysis in English and apply them to the study of ancient Greek;', 'read, interpret, and translate a number of texts in the Attic dialect.']
MEC5415	The research seminar assesses whether the candidate has a thorough understanding of the research area, knowledge of the literature and the state-of-the-art, and secondly the contribution of the student to the research area. The aim is to assess the student's progress approximately six months prior to their thesis submission date.	['NA']
MPH5213	This unit provides an introduction to the research methods used in observational studies and is designed to help the student develop the practical skills required in the design and assessment of a research project. It covers issues in protocol design, including study type selection, introduction to questionnaire design, sampling methods, and ethics approval. This introduces the student to planning data management and statistical analysis and developing a study budget. An introduction to the role of qualitative research is also covered.	['pose a research question answerable by observational study methods used to examine public health;', 'design and present a research protocol to answer the stated question using observational study designs;', 'describe and demonstrate how information may be collected from people and transformed into usable data for scientific study;', 'identify, evaluate and communicate when qualitative methodologies may be useful; and', 'demonstrate the ability to participate and communicate effectively within a group.']
ATS2845	Successful screen-based media productions start with an engaging story that has been skillfully envisaged. In this unit students will draw upon practical theories of screenwriting to transform real-world research into industry standard scripts for both non-fiction and fiction productions. The unit will introduce basic strategies for concept development and demonstrate how to write supporting 'short docs' such as synopsis, outlines and treatments. Students will then apply stylistic conventions and narrative theories of screenwriting to transform these into shoot-ready scripts for non-fiction and fiction media productions. Where possible, students will be given an opportunity to pitch their final scripts to industry professionals for constructive feedback.	['recognise and use industry-standard story documents in writing for both non-fiction and fiction screen-based media;', 'develop strategies for transforming real-world research into concepts for non-fiction and fiction media production;', "create a 'short doc' as a basis for writing non-fiction or fiction script;"; 'apply narrative strategies, concepts and devices to create compelling screen-based media production scripts (non-fiction and fiction);', 'illustrate how the scripting process responds to wider production factors such as pitching, budget, distribution and marketing in different mediums.']
ARC2401	This unit introduces the history and theory of selected Australian and international architecture since 1968. The unit will also introduce methods for the written, spoken and visual analysis of buildings including site visits, analytical case studies and other forms of analysis. In addition to the theoretical and historical contexts of the buildings studied the unit will investigate their contribution to architectural design.	['A basic knowledge of the history and theory of post 1968 architecture;', 'A basic knowledge of the varied contexts of post 1968 architecture;', 'Ability to demonstrate a basic understanding of techniques applicable to the visual analysis of architecture;', "A basic understanding of the selected buildings' contribution to architectural design;"; 'Understand and be able to apply the rules of occupational health and safety appropriate to the unit of study.']

PBH1101	<p>This unit introduces students to qualitative research methods and why, when and how they are used in health research. The unit will develop students' understanding of both the theoretical underpinnings of qualitative research and the practical skills in research design using qualitative methods. In developing these skills students will learn about sampling, qualitative data collection and qualitative data analysis techniques and mixed methods designs in the arenas of clinical health service delivery, public health and health policy. The cultural, ethical and political contexts within which research takes place will be discussed to highlight that research takes place in the real world, which both enables and constrains research design and practice.</p>	<p>['Develop a researchable question requiring a qualitative research design.', 'Discuss the options and constraints associated with different types of mixed methods research design.', 'Select sampling strategies appropriate to answering a posed researchable question.', 'Describe and appropriately use qualitative data collection methods in qualitative research.', 'Describe and use the appropriate tools for analysis of qualitative data.', 'Choose appropriate strategies for designing, implementing and evaluating qualitative research accounting for ethical and cultural sensitivities.']</p>
PBH2002	<p>This unit introduces students to the basic principles and methods used in biostatistics as applied to public health and clinical research.</p>	<p>['Examine and explain the importance of biostatistics in public health studies', 'Classify data into appropriate measurement types.', 'Present data using relevant tables, graphical displays, and summary statistics.', 'Formulate and evaluate research hypotheses into a statistical context in public health studies.', 'Accurately interpret statistical methods and results reported in health publications.', 'Analyse data using the SPSS software package.']</p>
GEN3030	<p>The ability to monitor and manipulate gene activity in experimental models is critical to advance our understanding of how genes control phenotypes. This unit will explore in depth the latest techniques for studying gene expression and function, with an emphasis on developing skills in scientific literacy and experimental design using approaches in molecular, cellular, and developmental genetics. This includes assaying and visualizing gene expression and protein subcellular localization in vivo, methods for artificially activating or inhibiting gene activity including generating transgenic organisms and comparative, and bioinformatic methods for inferring gene function and evaluation. The application of these techniques will be demonstrated using examples of the study of the function and evolution of function of genes underlying fundamental cellular, developmental and physiological processes such as differentiation and growth, programmed cell death, cell-cell communication, cell movement, tissue patterning, neuronal signalling, and cellular homeostasis and metabolism.</p>	<p>['Compare and contrast techniques used to study gene function, including techniques to monitor gene transcription and protein cellular localisation and to manipulate gene activity in living organisms;', 'Articulate the advantages provided by the use of model laboratory organisms to investigate molecular, cellular and developmental processes;', 'Illustrate the application of gene function analysis techniques to advance medical, biological, agricultural, biotechnology and environmental research;', 'Collect, analyse, interpret and present genetic data effectively in the preparation of scientific reports;', 'Synthesise and critique new discoveries from the scientific literature in molecular, developmental and cellular genetics.']</p>

ATS2901	<p>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.</p>	<p>['Understand chromatic concepts of melody and harmony.', 'Analyse musical elements including chromatic harmony.', 'Recognise aurally elements of chromatic harmony and rhythm.']</p>
FIT9134	<p>This unit introduces students to the fundamentals of computer systems and the computing environment, using Linux as a case study of a modern operating system. Topics covered include: CPU, memory, storage devices, peripheral hardware, networking fundamentals, operating systems fundamentals, practical Linux considerations including Desktop and Enterprise applications, file systems, shell scripting, client/server applications and system administration.</p>	<p>['examine and describe computer hardware and software architectures;', 'explain the three major functions of an operating system (OS), namely, process management, memory management, and file management;', 'explain network technologies;', 'write Unix commands for file management;', 'apply Unix commands to interact with OS;', 'develop Unix shell scripts;', 'manage usage and administration of Linux systems; and', 'deploy Linux in personal and enterprise contexts.']</p>
AHT3138	<p>This unit focuses on the representation, design, experience and interpretation of space, both in Australia and abroad. Concepts of space and place are central to any understanding of modern society and culture and are at the forefront of scholarship and thought in several disciplines. This unit considers the aesthetics, politics and ethics of a wide range of social spatial environments, discourses and environments, with a particular emphasis on the ideas of space as inclusion and space as exclusion.</p>	<p>['Be aware of current discourses in art, indigenous studies, public space and architecture that deal with the representation, experience and interpretation of space;', 'Be able to identify the social dynamic in key examples of recent art, architectural and design practice concerned with the articulation of place and spatial experience;', 'Have an awareness of how the notion of place differs across the various historical, cultural and political circumstances in which art is made;', 'Have acquired a good understanding of the multiple ways in which space is articulated and experienced within an Australian context that is grounded in Indigenous culture and history;', 'Have developed the skills to perform a critical analysis of spatial environments;', 'Have become aware of the theoretical and cultural precedents for and dimensions of their own practice.']</p>
CIV3284	<p>This unit introduces students to concrete technology, reinforced concrete and masonry design. Three major topics areas are basic concrete materials technology, reinforced concrete analysis and design, and masonry basics and design. The unit provides a balanced coverage of the practical construction aspects, analytical methods and design aspects.</p>	<p>['Identify types of cements, aggregates, and admixtures in concrete.', 'Describe the properties of fresh and hardened concrete.', 'Describe and decide concrete specifications.', 'Design concrete mix and assess concrete mix proportions for various applications.', 'Analyse loads and their representation on structures.', 'Design reinforced concrete and masonry structures using relevant Australian Standards.']</p>

ATS2005	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.	['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-']
FNA1112	This unit is the second in the Contemporary Practices sequence. It continues to challenge students in a range of leading contemporary art practices and methodologies. The unit promotes a cutting-edge approach to conceptual and material processes through interdisciplinary transaction, material and fabrication procedures. Associated projects are introduced based on theories of contemporary art practices, collaborative practices and individual modes of research focused outcomes. Students will develop inventive and sustainable solutions to a series of projects that will enable them to form the basis of personal methodology and material language.	['Initiate, develop and express conceptual and material solutions to projects set across a range of fine art media;', 'Apply and advance their understanding of a variety of production methods used in the studio environment, have an appreciation of various mediums, their properties and uses, and be able to work with materials and techniques in an experimental and sustainable manner;', 'Apply interdisciplinary approaches within the fine art field at both individual and collaborative levels.', 'Understand the synthesis between observation, analysis, experimentation and critique within fine art production;', 'Contextualise their work and its theoretical and material rationale within the field of fine art practice, and;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']
SWM5241	This unit introduces postgraduate students to the epistemologies of practice in mental health and a critical analysis of contemporary mental health issues. It provides advanced knowledge about the context and consequences of mental illness for individuals, families and the broader community. Social Work interfaces with a range of clients and practice contexts, in community and mental health, in disability, child protection, drug and alcohol and criminal justice systems. The unit provides an ecological approach to understanding and intervention in the mental health field.	['Articulate mental health practice and policy frameworks in Australia.', 'Explain historical, social and political factors that have contributed to contemporary mental health practice and policy.', 'Identify appropriate competencies for practice in mental health including legal and statutory responsibilities.', 'Determine specific factors that contribute to and influence client mental health challenges and needs.', 'Articulate and synthesize the objectives and practice approaches in the service system constructed to meet these mental health challenges and needs.', 'Critically reflect upon the inter-disciplinary roles and contributions made by the key professional groups working in mental health service delivery in clinical and community settings.', 'Critically evaluate service programs, their objectives and practice models, in mental health settings.', 'Critically evaluate the research approaches, paradigms and methods being used to answer practice-based questions in mental health.', 'Analyse contemporary mental health issues, including service delivery gaps, innovation opportunities and political priorities.']

ATS2860	<p>This unit deals with the way in which 'continental' philosophers have sought to deal with the question of the divine in modernity, in the face of the growth of scientific modes of explanation and the decline of religious institutions and belief. In doing so, it furthermore introduces the continental approach to philosophy. Taking our lead from Nietzsche's provocative claim that 'God is dead', we will look primarily at French and German philosophers of the nineteenth and twentieth centuries. Examples of figures who may be studied include Soren Kierkegaard, Martin Heidegger, Immanuel Levinas, and Jacques Derrida.</p>	<p>['Understand the major developments in Continental philosophy of religion', 'Appreciate the distinct contribution of major Continental thinkers to the critique of philosophical theology and to its renewal', 'Be able to analyse seminal texts from Nietzsche, Kierkegaard, Heidegger and others', 'Have gained an introduction to the methods of continental philosophy and appreciate their usefulness for the philosophy of religion and philosophy generally', 'Demonstrate the capacity to interpret and evaluate important concepts, arguments and texts, as well as to put forward ideas and arguments of their own in a clear and cogent way.']</p>
NUR2106	<p>This unit introduces concepts of medical and surgical nursing and pharmacology, across the lifespan.</p>	<p>['Demonstrate knowledge of pathophysiological changes associated with respiratory, cardiovascular, renal and endocrine dysfunction, and their application to the nursing care of patients in practice settings;', 'Describe the underpinning principles of pharmacology, therapeutic drug administration and monitoring as they relate to the patient;', 'List / describe possible implications associated with drug administration, including drug interactions and side effects in the use of drugs across the life-span;', 'Describe the legal and professional nursing requirements associated with the safe use of medications, including administration, storage and handling;', 'Assess, plan, implement and evaluate culturally relevant and age specific nursing interventions for patients requiring medical and/or surgical care;', 'Identify ethical issues relevant to the nursing care of patients requiring medical and/or surgical care;', 'Demonstrate safe clinical practice in an acute and/or primary care setting based on the integration of theoretical principles and practical skills;', 'Provide person-centred care according to relevant nursing care principles for patients, under the direct supervision of registered nursing staff and the clinical teacher;', 'Reflect and evaluate self-performance related to knowledge, skills and nursing care delivered.']</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>

RSE3060	<p>This unit will address the mechanics and practical applications and current technologies in rock fragmentation through drilling and blasting. The impact on blast behaviour of rock mass properties, structure and discontinuities and rock breakage and fragmentation will be addressed. Drilling and blasting techniques will be explored in relation to design, safety, security, environmental impacts and relevant legislation. This will be done in the context of mine-to-mill.</p>	<p>['Comprehend and explain the contribution of rock breakage to the mining process', 'Comprehend and explain the various methods of rock breakage', 'Apply and implement appropriate methods of drilling and rock breakage for given in-situ rock conditions', 'Apply fundamental principles to the design and selection of safe and efficient blasting to:\n\nDesign blasts to achieve particular outcomes\nManage and control blast damage and environmental impacts\nEvaluate productivity and economics\n', 'Design blasts to achieve particular outcomes', 'Manage and control blast damage and environmental impacts', 'Evaluate productivity and economics', 'Analyse requirements for the security, storage and handling of explosives and recommend and justify safe handling systems', 'Communicate effectively as an individual or part of a team to colleagues and the community']</p>
APG5349	<p>Explore the varieties of English around the world. You will study descriptive surveys of the main national standard Englishes, as well as a selection of the distinctive regional, ethnic and social varieties. Specific topics in this unit include: historical and cultural background and the current sociolinguistic situation of the respective regions; special focus on the non-standard varieties of Australasia and the Pacific; global tendencies in phonological and grammatical variation; notion of Standard English, attitudes to local varieties of English and the problem of standards.</p>	<p>['Describe the distinguishing linguistic features and historical development of a range of English varieties and the statuses and functions of these varieties in the various societies in which they are used,', 'Analyse the attitudes which users of English have adopted with respect to these varieties, and how this impacts on issues of status and function', 'Explore new situations involving language varieties (English or other) in these terms', 'Understand and apply the practical upshots of these considerations in professional realms (education, language planning, etc.)']</p>
ATS1125	<p>What is public relations? Is it simply spin, a professional practice, a global industry, or all of these? How can you be an ethical communicator when representing your client or employer? This unit explores the fundamentals of public relations practice in a dynamic communication environment. You will learn about public relations history and its links with other media industries as well as the contemporary public relations industry in Australia. Working in small teams, you will also learn the basics of campaign strategy development by responding to a real-world issue and develop your public relations writing skills.</p>	<p>['define "public relations" from industry and multidisciplinary perspectives;', 'identify and discuss major challenges for contemporary and ethical public relations practice;', 'develop a communication plan in response to a client brief;', 'communicate key messages to diverse audiences across different media platforms, writing genres and through an oral presentation.']</p>

ATS2492	One of the main organizing principles of the Literatures in English major stream is periodisation, and the aim of this unit is to develop and extend students' historical understanding of modern English literature in its foundational Renaissance period (roughly 1580-1660), in terms of its generic and aesthetic forms and structures and its ideological and political contexts and concerns, focussing on the work of William Shakespeare (1564-1616), John Donne (1572-1631), John Milton (1608-1674), and their contemporaries. The unit will pay particular attention to the complex representation of gender and sexuality in the period. Shakespeare's plays will be considered in relation to the various interpretations which have been applied to or imposed upon them by critics and directors over the years, and how these reflect changing times and fashions as well as political and cultural biases.	[a familiarity with the various and changing intellectual contexts -- aesthetic, philosophical, religious, scientific, political and social -- of the Renaissance and of the ways in which they form and inform its literature;], 'an understanding of the ways in which a variety of poetic and dramatic texts explore the concepts of power (political, social and sexual) and of desire (religious, courtly, neo-Platonic and sexual) in the Renaissance period;', 'the ability to respond imaginatively and critically to texts of a period of English literature whose traditions and conventions, though very different from those of the present, have had a significant influence on it;', 'some understanding of the complexity of gender- and race-representation in Renaissance literature;', 'the ability to apply different critical approaches to Renaissance texts and to the preoccupations and themes which they embody;', 'the ability to argue, interpret and analyse effectively both in written work and orally in seminar discussion.']
ATS2860	This unit deals with the way in which 'continental' philosophers have sought to deal with the question of the divine in modernity, in the face of the growth of scientific modes of explanation and the decline of religious institutions and belief. In doing so, it furthermore introduces the continental approach to philosophy. Taking our lead from Nietzsche's provocative claim that 'God is dead', we will look primarily at French and German philosophers of the nineteenth and twentieth centuries. Examples of figures who may be studied include Soren Kierkegaard, Martin Heidegger, Immanuel Levinas, and Jacques Derrida.	[Understand the major developments in Continental philosophy of religion', 'Appreciate the distinct contribution of major Continental thinkers to the critique of philosophical theology and to its renewal', 'Be able to analyse seminal texts from Nietzsche, Kierkegaard, Heidegger and others', 'Have gained an introduction to the methods of continental philosophy and appreciate their usefulness for the philosophy of religion and philosophy generally', 'Demonstrate the capacity to interpret and evaluate important concepts, arguments and texts, as well as to put forward ideas and arguments of their own in a clear and cogent way.']
TRC4200	The unit aims to impart knowledge, skills, and experience required to prepare graduates for the impending digital transformation driving the convergence of technologies that result in Cyber-Physical Systems (CPS). An introduction will be given to Cyber-Physical Systems (CPS). The evolution of key technologies, transformation to digital chains and the need to seamlessly combine organisational and technological issues into a single framework will be discussed. A real-life scenario will be used to motivate students to apply CPS technologies to design and develop Smart Systems in any domain of their specialisation and interest. Using the concept of Learning Factories (LF) - a platform to impart experience-based knowledge - the developed solution will be built and tested as a group project.	[Apply engineering knowledge and skills (information technology, operations technology and Internet-of-things) to synthesise cyber-physical systems.', 'Design smart products and processes using an integrated approach to meet design requirements.', 'Select and apply tools to acquire, store, consolidate, analyse, manipulate and visualise data.', 'Construct a complete CPS including component selection, software development and test processes to produce an industry-ready process.', 'Communicate project status and requirements to engineers and society at large.', 'Work effectively as a member or leader of a diverse team.', 'Manage projects and drive it to successful completion within technical, operational, budgetary, risk and time constraints.']
ATS4834	The unit enables students to undertake an in-depth research project on a particular topic in music under the direct supervision of a School of Music staff member.	[demonstrate in-depth knowledge of a chosen topic, for example, the history, style and context of a selected music genre, instrument, ensemble or repertoire;', 'outline and apply an appropriate research methodology to identify, categorise, write and/or perform critically about the chosen topic.']

FIT1049	This unit provides a practical and theoretical introduction to what it means to be an IT professional today. Students will encounter a range of issues relevant to professional practice in the workplace, as well as an understanding of the wider responsibilities that professionals are called upon to uphold in society. Topics addressed include: organisational and professional communication; mindfulness; teamwork; the nature of the IT professions; the role of professional associations; problem solving and information use; cross-cultural awareness; personal and professional ethics and codes of practice.	['describe a variety of roles for IT professional and the personal, social, ethical and legal impacts arising from their work;', 'analyse and describe how the ACS Code of Professional Conduct applies to IT professionals in a variety of scenarios. In this context discuss what professional associations are available to IT professionals and why they are important;', 'effectively participate in a range of two way oral and written communication forms using appropriate intrapersonal and interpersonal communication skills and technologies;', 'use a variety of techniques to enhance working co-operatively and managing conflict as part of a team;', 'gather information, critically evaluate the material and use correct citation techniques when writing the material into an appropriate format.']
ATS3805	The unit is designed to develop students' Korean language skills to an advanced level, while introducing them to a range of literary writings by modern master writers of colonial Korea (1910-1945) supplemented by media texts.	['explain the historical context of modern Korean literature;', 'analyse primary works of modern Korean literature in Korean;', 'engage in informed discussion of the different texts and contexts studied in the unit;', 'produce clear, grammatically and syntactically appropriate response papers and writings (short answers, translations, creative writing, essays, etc.) in Korean on topics provided or chosen for assessment.']
BTB1010	Liability for defective products; liability for misleading advice or information; contract law; agency law; partnership law; introduction to company law; company officers' duties.	['examine common commercial law scenarios relating to: the supply of defective goods and services; contract disputes; misrepresentations; agency relationships; partnership law; and company law', 'identify legal problems and risks which arise in those scenarios', 'describe the laws relevant to those scenarios', 'analyse and apply the laws to predict possible legal outcomes.']
ATS3869	The overarching aim of this unit is to give students a strong foundation in political philosophy. The unit focuses on three principal questions: How are political institutions justified? How should wealth and income be distributed in the just state? And when is it justified to punish someone for violating a state's laws? Students will be introduced to central attempts to answer these questions, using both classical and contemporary authors.	['mastered fundamental concepts in political philosophy;', 'acquired familiarity the methodology of political philosophy and how political philosophy relates to other branches of philosophy;', 'be able to identify relevant literature for the purposes of scholarly work on political philosophy;', 'improved written and oral communication skills;', 'undertaken independent research and reading in completing the assignments.']
MAE2406	This unit introduces second year aerospace 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. These fundamental principles will then be applied to the study of orbital bodies and spacecraft, including multi-body problems, trajectory planning and orbital transfers.	['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.', 'Apply fundamental physical principles to analyze and predict the motion of orbital systems.', 'Describe and plan basic orbital maneuvers and mission trajectories for spaceflight vehicles.']

RAD1021	<p>A review of fundamental physics of concepts relevant to radiographic imaging. Units of measurement. Mechanics and heat. Atomic structure and electromagnetic radiation. Electricity, magnetism and electromagnetism. X-rays and their production. X-ray emission and interactions between x-rays and matter. Attenuation of x-rays and filters. Detection of X-rays. X-ray image formation. Introduction to computer-based imaging in medicine. Principles of radioactivity and nuclear transformation. Introduction to radiation therapy principles. Foundation principles of radiation protection together with statutory requirements.</p>	<p>['Explain the physical properties of atomic structure;', 'Understand fundamental principles in mechanics and thermal physics that are relevant to the production and absorption of energy;', 'Explain the physical laws of interaction of particles and waves, including the mechanisms for absorption and scattering of energy at the atomic level;', 'Explain in quantitative terms the production of x-rays and the use of exposure factors that control x-ray intensity, penetration and dose;', 'Use quantitative measures for the absorption of x-rays and to understand why and how x-ray absorption coefficients vary with energy and atomic number and relate these ideas to the sharp depiction of contrast changes in x-ray images of patients;', 'Understand the effects of ionizing radiation on cellular matter and be able to explain the basic principles underlying radiation dose and radiation safety;', 'Implement and evaluate appropriate radiation safety strategies and radiation protection measures in the context of diagnostic x-rays;', 'Understand the fundamental principles of radiation therapy and the production and use of radiopharmaceutical products.']</p>
MDC5000	<p>This unit represents the final stage of a multi-part design project and students are expected to continue with the work initiated in Design project (part one). Defined designs are expected to be detailed resulting in an assessable design outcome. Regular group and individual critiques will be undertaken as the project develops. 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 strong capability to detail design issues. This unit is only available to students enrolled in the double award Master of Industrial Design with South East University, China.</p>	<p>['Independently select and apply relevant design methodology/process to resolve and detail their design project;', 'Debate and/or defend their outcomes in an informed critical appraisal; demonstrating a high level understanding and analysis of complex theories, concepts, and design strategies;', 'Demonstrate an extensive understanding of their design discipline and its professional practices, including business strategies and ethical standards, within the scope of their investigation;', 'Lead, manage, plan and implement complex design projects within their selected field;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']</p>

SWK4560	Supervised Professional Practice 2 enables students to observe, practice and critically reflect on the role of social work in a health or human services context and to further develop a professional social work identity.	['Apply the AASW Code of Ethics to the practice context.', 'Identify the placement provider's legal and political context within the health and human services field.', 'Explain the legislation and social policies that influence the field of practice.', 'Articulate the theories and methods relevant to the placement context and critically reflect on their use and application.', 'Apply effective communication skills within the placement context.', 'Assume responsibility for self-learning and professional development while on placement.', 'Critically apply knowledge of assessment, intervention and referral skills to the field of practice.', 'Critically analyse different types of social research and their application to social work in the context of the placement setting.', 'Interpret and adapt knowledge of cultural diversity in order to work in a culturally responsive and inclusive manner in a social work context.\n\nStudents must also provide evidence of completion of at least 500 hours of field placement.']
MEC5889	The aim of this unit is to couple engineering techniques relevant to medical devices and systems with clinical and surgical demands. The unit will address the fundamentals of human body systems, and how this relates to the physical principles and design of typical medical and bio-mechatronic devices and their application in the clinic and surgery. A key focus will be the classification of medical devices in terms of safety and regulatory regimes in Australia and worldwide, including in relation to the development of new devices. Imaging devices and imaging modalities will be introduced, as will the coupling of imaging and surgical tools in the one device. Implantable devices for both diagnostic and therapeutic use and the advanced manufacturing of medical devices will be covered.	['Relate knowledge of the fundamentals of anatomy and physiology related to 11 human systems and natural synovial joints to clinical application of medical devices and implants.', 'Evaluate the effectiveness of medical imaging systems based on the imaging modality and the physical situation being imaged.', 'Compare passive and active prosthetics according to the clinical needs.', 'Analyse a surgical situation to specify the appropriate robotic surgical intervention.', 'Classify medical devices according to safety and regulatory in Australia and in the worldwide context.', 'Design and prototype a simple medical device.', 'Engage in regular self-assessment and peer-assessment of individual and team performance as a primary means of tracking continuing professional development.']
ATS3139	This unit allows students to build on the critical and analytical skills developed through the major by having the opportunity to develop a research project tailored to their disciplinary interests. Special permission to undertake this unit must be obtained from the co-ordinator of the major.	['Develop a research proposal', 'Develop a research strategy', 'Identify the key resources relevant to the topic', 'Demonstrate understanding of the research topic, critical engagement with relevant theoretical material, analysis of sources and or data through the completion of an extended research essay.']

PAR5480	<p>This unit addresses the theoretical underpinnings required to develop in the student an appropriate level of knowledge, understanding and skill related to the provision of care to the adult population in the circumstances of commonly encountered medical emergencies.</p>	<p>['Analyse the epidemiology of acute and chronic medical illness/disease and synthesise the available contemporary evidence base to inform and/or support improvements in the approach to the management of medical emergencies;', 'Formulate treatment pathways for medical patients through the application of clinical decision-making frameworks and problem-solving;', 'Formulate appropriate pharmacotherapeutic regimes using the relevant drugs available for the intensive care management of medical conditions;', 'Implement knowledge, skills and evidence based practice to professionally manage a medical emergency as an intensive care paramedic;', 'Assess the benefits of pre-hospital advanced medical interventions and the related role of the intensive care paramedic in the management of medical conditions;', 'Evaluate how community emergency health practitioners might relate to and coordinate with hospital intensive care units in the management of patients with emergency medical conditions. ']</p>
ATS3612	<p>This intensive course of 4-week's duration departs from Melbourne in mid-November. It involves interdisciplinary study, conducted in the city itself, of the political, social and cultural history of Florence, from the late thirteenth to the early sixteenth centuries, with particular reference to the Renaissance period. Students who have not passed ATS1316 and ATS1317 should do the preliminary reading with great care.</p>	<p>['A knowledge of the city of Florence itself - including its churches, palaces, museums, piazzas, monuments and streets - as an artefact of its complex history', 'The development of the requisite skills to interpret the Renaissance aspects of that artefact within an historical framework', 'Enhanced skills in the critical and analytical reading of a variety of texts, including contemporary documents, religious and polemical literature, historical scholarship, physical monuments and visual representations', 'An acquaintance with the considerable body of knowledge that has been built up about late medieval and Renaissance Florence (in the context of Italian history in general)', 'A critical understanding of this fascinating society and its historiography', 'The ability to use this knowledge (1, 3, 4, 5) and these skills (2) as a capital source for contributing to an understanding of the Renaissance city, its society and culture.\n\nStudents successfully completing ATS3612 will, in addition:', 'Be capable of independently devising and executing an advanced research project in the above areas of study, based predominantly on primary sources. ']</p>

PBH3002	<p>This unit focuses on prevention and control of diseases. Topics include principles of infection, outbreaks, public health control measures, and current issues in disease prevention and control. Public health control measures discussed may include surveillance, modelling, immunisation, antimicrobial therapies, infection control, vector control, screening and risk factor management.</p>	<p>['Identify the distinguishing epidemiological features of infectious diseases.', 'Explain how communicable infections are spread.', 'Interpret epidemiological data on disease surveillance and disease outbreaks.', 'Apply principles of communicable disease prevention to a range of scenarios, and identify which public health prevention and control strategies are appropriate for different diseases.', 'Design and evaluate disease surveillance and control programs.', 'Describe the role of social and political factors in disease prevention and control.', 'Explore similarities and differences in prevention and control strategies for non communicable diseases and communicable diseases.']</p>
BEX3725	<p>This unit requires students to examine a broad range of social, cultural, legal and political issues that can impact on the strategy and operations of businesses operating in a global business environment. Through the use of readings, case studies, and an analysis of current events students are confronted with some specific challenges of doing business in a global context. This unit focuses on developing skills, addressing various global issues and how they affect business, as well as aspects of global citizenship, cultural sensitivity and effective teamwork.</p>	<p>['recognise issues affecting businesses operating in a global context', 'develop and present strategic responses to specific issues affecting businesses operating in a global context with due consideration to sustainable, responsible and ethical business practices', 'acquire team skills including team leadership, collaboration, problem-solving, decision-making, communication and presentation skills', 'develop reflective practice skills in relation to individual learning.']</p>
CIV4211	<p>This unit is an extension to Project A that allows the chosen project to be explored in more depth and to incorporate experimental or theoretical work. The project outcomes are to be summarised in a research paper and oral presentation.</p>	<p>['Conduct research on topics related to civil engineering within a given timeline', 'Develop a sound research plan based on available scientific tools relevant to the project', 'Undertake an extensive review of relevant literature', 'Analyse data and prepare a written research paper of high quality', 'Communicate findings to a professional audience via oral presentation']</p>
ACF5904	<p>Because most accounting systems are computerised, accountants must understand software and information systems to turn data into financial information and to develop and evaluate controls. This unit builds an understanding of the way accounting information systems work so that students may use, analyse and contribute to the design of accounting information systems and subsystems. Accordingly, the unit provides students with an understanding of critical information technologies that drive information systems; core business processes that allow an organisation to operate efficiently and effectively; common documentation tools used to diagram and assess business processes and databases; and internal control concepts that can be applied to mitigate risks.</p>	<p>['understand the use of information systems for business and analyse and make recommendations on the utilisation and design of such systems', 'interpret business process documentation including flowcharts and data flow diagrams', 'communicate with database professionals about the design of databases', 'critique computerised and manual business processes in terms of their exposure to risk, and suggest internal controls that address the risks', 'apply critical thinking and problem solving to activities dealing with accounting information systems.']</p>

BFF3111	<p>This unit provides an introduction to financial planning. Coverage includes: an introduction to financial planning; financial planning process; cash flow and debt management; investment strategy development; tax planning; retirement planning; risk management; estate planning; ethics and compliance.</p>	<p>['explain the advisory functions of financial planners, describe the steps involved in the financial planning process to client scenarios', 'identify and understand legal compliance requirements, ethical considerations and professional conduct requirements in giving financial planning advice', 'demonstrate specialist knowledge in the areas of cash flow and debt management, investment management, tax planning, retirement planning, risk management, and estate planning', 'undertake research, construct and present a limited scope Statement of Advice (SoA) to meet client requirements in an ethical and professional manner, and communicate and present information, ideas, problems and solutions on financial planning matters to clients and other financial planning professionals.']</p>
APG5104	<p>The unit examines management in the public sector in Australia and internationally, and the impact of public sector reform as a global phenomenon. It considers theoretical explanations of reform and implementation in practice. The focus is on identifying and analysing practical issues facing public managers. Lessons are drawn from international practice.</p>	<p>['analyse the theoretical foundations of public sector reforms;', 'evaluate the effectiveness of public sector reforms in practice;', 'determine the knowledge, skills and abilities of contemporary public managers and apply these to practical issues in the field;', 'utilise critical thinking skills and develop evidence-based arguments.']</p>
BFC3241	<p>Topics include asset classes and returns, portfolio theory, asset pricing models, security valuation processes and techniques, market efficiency and behavioural finance, portfolio performance evaluations, hedge funds and the CFA Institute code of ethics and standards of professional conduct.</p>	<p>['examine the nature of different asset classes and the ways in which professional managers incorporate and manage asset classes', 'apply various techniques to analyse and select equities in equity investment', 'understand the skills and techniques used by professionals who are involved in funds management, and wealth creation', 'understand the importance of professional investment in wealth creation', 'understand the importance of ethical practices by investment professionals and the CFA Institute code of ethics and standards of professional conduct', 'apply critical thinking, problem solving and presentation skills to individual and/or group activities dealing with equities and investment analysis and demonstrate in an individual summative assessment task the acquisition of a comprehensive understanding of the topics covered by BFC3241.']</p>

ATS1421	<p>The unit introduces students to the complexity of crime as a social phenomenon and maps key theoretical frameworks that have been advanced to explain crime and deviance. The unit requires students to engage their 'criminological imaginations' to understand the causality of crime and the infraction of social norms and values. The unit begins by examining how deviancy and crime is socially constructed. Various theoretical perspectives that have been developed to try and explain crime and deviancy will then be explored. Beginning with the classical school of criminology the unit presents how understandings of criminal behaviour have developed and advanced. The unit critically engages students with the theories presented; and teaches students to critique their value, utility and explanatory power in contemporary society.</p>	<p>['demonstrate foundational understanding of key definitional and methodological challenges associated with studying of crime;', 'describe the features of key criminological theories;', 'apply criminological theories to real world situations, both local and global in nature;', 'evaluate the strengths and weakness of key criminological theories. ']</p>
GEN3040	<p>Recent technological advances in DNA analysis now allow the rapid and relatively cheap sequencing of entire genomes of individual organisms. These developments have the potential to revolutionize how we identify genes that control both simple and complex traits. Bioinformatic analysis of genomic data will also be highly influential in shaping our view of how organisms adapt to changes in their environment and how over a longer time-scale, traits such as body size and pattern and physiological and behavioral responses can evolve, leading to the rich diversity of life forms seen today. This unit will explore the use of whole-genome techniques to examine gene regulation, identify the genes controlling both simple and complex traits, determine how individuals and populations adapt to selective pressure and piece together the evolutionary changes that have given rise to complex multicellular life. Such information will increasingly be important in the 21st century for sustainable development of human civilization in concert with a healthy planetary environment. Students will acquire relevant laboratory and computer-based skills including genetic database analysis and bioinformatics, forward genetic approaches and mapping and identification of genes controlling complex quantitative traits.</p>	<p>['Describe recent advances in genetic knowledge gained from genomic analysis of species ranging from unicellular to multicellular organisms.', 'Explain the philosophy of forward and reverse genetics including genome editing techniques.', 'Determine potential applications for genomic techniques in the areas of medical research, agriculture, biotechnology and environmental management;', 'Utilise bioinformatic tools to compare DNA and protein sequences, search for genetic variants controlling complex traits, analyse transcriptome data and search for genomic signatures for adaptation;', 'Illustrate the processes required to map and identify genes controlling complex biological traits and articulate how forward genetics approaches can be used to determine gene function;', 'Collect, analyse, interpret and present genetic data effectively in the preparation of scientific reports;', 'Synthesize and critique new discoveries from the scientific literature in genomics. ']</p>

NUR2226	<p>In NUR1112 and NUR1114 students were introduced to the principles of human anatomy and physiology In this unit students will broaden their knowledge in regards to human pathophysiology and pharmacology with a particular emphasis upon cardiac, respiratory, renal, musculoskeletal and endocrine disease processes. Students will also learn appropriate evidence based nursing interventions for these disease processes.</p>	<p>['Demonstrate professional behaviours, accountability, ethical and legal decision making and a satisfactory knowledge base for safe and coordinated practice in various health settings.', 'Apply knowledge of pathophysiology associated with conditions of the cardiac, respiratory, respiratory, musculoskeletal, renal and endocrine system to the safe delivery of patient-centred nursing care.', 'Discuss and apply pharmacokinetics, pharmacodynamics and pharmacotherapeutic approaches of relevant medications to a range of diseases and conditions, with consideration of the balance of efficacy and effectiveness.', 'Use a systematic and person centred approach for patient assessment and management, integrating anatomical, physiological, and psychosocial factors.', 'Apply legal and professional principles to the safe preparation and administration of medications, including administration, storage and handling in a range of settings.', 'Demonstrate assessment, preparation, and post-operative care of a surgical patient.', 'Assess, plan, implement and evaluate culturally relevant and age specific nursing interventions for patients requiring medical and/or surgical care.', 'Demonstrate skill development in clinical reasoning by identifying patient problems, implementing interventions, evaluating outcomes and reflecting on learning.']</p>
MKF5801	<p>The ability to bring a steady stream of innovations to the marketplace is the underpinning of business success. Doing so with a firm focus on customers and emphasis on building strong, memorable brands underlines a marketing perspective on innovation. Such market-oriented innovation has to be pervasive and consistent in an organisation. This unit focuses on how innovation and new product development adds continuous value to organisations for it to be competitive in the dynamic markets. It will discuss the nuances of innovation from a marketing perspective and will provide tools and frameworks to tackle market-based innovation challenges. Students will have the opportunity to gain practical, real world experience through a project. Finally, the unit will enhance your ability to communicate (written and verbal) ideas and solutions in business market environment.</p>	<p>['explain the theoretical concepts and processes of innovation', 'assess the impact of networks in the innovation process', 'apply the concept of value co-creation for new products/services', 'develop a marketing plan for a new product/service based on co-creation concepts.']</p>

ASC5002	<p>This unit explores the sociocultural underpinnings of how society has conceptualised, understood and responded to addictive behaviours over time. Addiction will be considered through the lens of sociology, anthropology, psychology, politics, economics, philosophy and spirituality.</p>	<p>["Describe and analyse the major social, cultural, political, economic, and philosophical factors that have shaped society's understanding of addiction.", 'Critically evaluate the role of addictive behaviours in the performance and expression of cultural practices, identities, meanings and values.', 'Distinguish and examine variations in prevalence and forms of addiction over time, including changing patterns of use, availability, accessibility and attitudes.', 'Synthesise and critique the dominant conceptual discourses of addiction and how they have informed shifts in legal sanctions and public perceptions.', 'Describe and explain cultural, political and mass media representations of drug use, and how they contribute to discrimination, marginalisation and stigmatisation of people living with addictions.', 'Critically appraise the role of spirituality in intoxication, addiction and recovery.', 'Synthesise the implications of sociocultural understandings of addiction for the effective implementation of evidence-based interventions and best practice.']</p>
ASP4210	<p>ASP4210 and ASP4220 together, are equivalent to ASP4200 but they enable students to study part-time by allowing completion of the work over a longer time period.</p>	<p>['Demonstrate an advanced understanding of astrophysics and related disciplines.', 'Synthesize and interpret their knowledge.', 'Apply their knowledge and critical thinking skills to the solution of complex problems.', 'Plan, and efficiently carry out, work requirements.', 'Make effective use of information and communication technology for the collection and analysis of data, the solution of problems and the presentation of their work.\nStudents will also be able to:', 'Understand, use and explain the basic concepts and principles of the research literature which underpins their chosen area of research in astrophysics.']</p>
PSY5102	<p>Students will be introduced to general principles of psychological assessment across the lifespan, including ethical and cultural issues, reliability and validity, sensitivity and specificity, error types and bias prevention, statistical and clinical significance, and the effect of base rates. They will learn how to apply behavioural assessment techniques. They will be exposed to a range of tests and scales assessing important aspects of cognitive and emotional functioning and they will learn the background theory of these measures, as well as how to administer, score and interpret them. They will learn how to integrate and interpret psychological assessment results and communicate this information in both written and oral form.</p>	<p>['Understand the principles and processes of psychological, behavioural, and personality measurement and their application;', 'Have become proficient in the administration, scoring, interpretation and integration of assessment results utilising some of the most commonly used psychological tests, including cognitive and personality techniques; and', 'Have developed skills in behavioural assessment including development, implementation, and evaluation of behavioural assessments.', 'Show competency in evaluating psychometric instruments for research purposes and in screening referrals for psychometric assessment, selecting appropriate tests, integrating results and providing oral and written communication of results to interested parties.']</p>

ADA1011	<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>
OCC5131	<p>This unit will provide an in depth overview of the issues related to the assessment of children (ethical, legal, professional, educational, clinical). The unit will start by introducing the reasons, uses, and purposes of assessment. Specific methods (e.g. observation, objective performance, parent-report) related to the assessment of children will be reviewed. Particular attention will be paid to issues related to family-centred practice and assessing children in naturalistic environments. Different contexts (e.g., clinic, community, school, home) where assessment is completed, issues related to the assessment of children at different age levels / developmental levels and the evaluation of children with special needs will be discussed. Ethical, policy and legal issues related to the assessment of children will be presented and critiqued. Specific types of assessment tools, scales, and instruments appropriate for use with children will be presented and reviewed. This will provide a broad base of knowledge and skills for occupational therapy and other health professional students wishing to work with children and families in clinical, educational, home, and community settings.</p>	<p>['Describe the characteristics, types, and methods of assessment best suited for use with children and their families', 'Develop and describe assessment approaches appropriate for children at different developmental levels and for children with special needs', 'Describe the assessment approaches that best fit with naturalistic assessment and family centred practice', 'Demonstrate an advanced knowledge of ethical, policy, and legal issues related to the assessment of children', 'Demonstrate an advanced knowledge of assessment tools, scales, and instruments used to evaluate the skills, interests, roles, and abilities of children', 'Demonstrate competence in searching, describing, summarising, and presenting (verbally and in writing) the evidence from research literature on a specific topic related to child assessment.']</p>
SCI4240	<p>Students undertake honours level coursework in an area of science.</p>	<p>['Demonstrate a high-level of understanding of the key theoretical and practical aspects of their area of study, including to have gained insight into the specific discipline and its place within the broader scope of science;', 'Have acquired knowledge, skills and attitudes appropriate to their area of study; 3. Have demonstrated the potential to pursue higher studies and learning in their area of study.\n\nThe specific learning outcomes will be in accordance with the objectives of the specific discipline.']</p>

ACX4040	<p>The objective of this unit is to provide students with a broad introduction to the contemporary themes in research into Accounting Information Systems. The unit covers issues of research and practice in the following areas: frameworks and ontologies in information systems; decision making; process modelling; behavioural aspects concerned with the design and implementation of systems; and data management issues. Upon completion of this unit, students are expected to be able to evaluate critically the design and conduct of research, and to design their own research into issues of relevance to the accounting information systems field.</p>	<p>['develop an understanding of key philosophical issues in Accounting Information Systems research, particularly the ontological foundations of the discipline', 'articulate solutions to significant research problems using key paradigms in the Accounting Information Systems discipline', 'critique research relating to the design and use of accounting and business information systems', 'apply critical thinking, problem solving and presentation skills to individual and/or group activities dealing with issues in accounting information systems and demonstrate in an individual summative assessment tasks the acquisition of a comprehensive understanding of the topics covered by ACX4040.']</p>
MKX3481	<p>The marketing task is not complete until customers receive their goods. Distribution is the process that makes that happen. The primary aim of this unit is the development and management of distribution channels in order to meet your marketing objectives. The unit is designed to help you systematically analyse the various channel functions and strategies. Mastering the principles that will be discussed in this unit will also help you in understanding Supply Chain issues. It is important to note however, that this unit is NOT about supply chain management but rather about the role of channels as a marketing strategic element. Some topics of supply chain management of course will be discussed from a marketing perspective. In order to better understand the theory in the context of the business world actual business cases are used throughout the lectures and tutorials.</p>	<p>['recognise the importance of marketing channels, as a strategic element of marketing', 'understand the elements and work flows in marketing channels', "appreciate the issues involved in designing and coordinating marketing channels from a channel manager's perspective", 'explain how effective marketing channels contribute to customer value and assess the performance of channel management.']</p>
RAD1082	<p>Students will develop a sound understanding of the principles of pathology, and specifically that of the respiratory and osteoskeletal systems, along with their radiographic appearances. Students will also develop a sound understanding of the structural and functional relationships of the vertebral column and the bony thorax. They will be introduced to the nervous system and the innervation of muscles together with relevant radiographic anatomy.</p>	<p>['Identify fundamental principles of pathology and apply this knowledge to specific cases, in particular the musculoskeletal and respiratory systems;', 'Evaluate the effect of environment and nutrition on the health of an individual or community;', 'Describe the anatomy of the vertebral column, spinal cord and thoracic cage and thoracic contents;', 'Identify normal and abnormal anatomy on radiographic images of the vertebral column & thorax abdomen and musculoskeletal system', 'Describe the basic physiology of respiration and the nervous system;', 'List major stages that occur in embryology and extrapolate how congenital abnormalities can occur']</p>

RTS5103	<p>This unit is the second of three units dealing specifically with the principles and applications of radiation therapy planning and treatment. This unit will cover the: loco-motor, lymphatic, cardio-vascular, and haematological systems. In addition students will also analyse and evaluate the principles of quality assurance and how they relate to the practice of radiation therapy. Students will gain in-depth knowledge on the role applications of image verification in radiation therapy treatment delivery. Students will be able to analyse and evaluate radiation therapy beam modification devices and planning evaluation tools. This unit includes one week of clinically oriented simulated learning and a four week clinical placement that will allow students to develop further clinical and professional skills to a beginner/intermediate beginner level. Whilst studying these topics, students will be encouraged to critically reflect, analyse and synthesis relevant information from the literature and reflect on their clinical experiences.</p>	<p>['Identify and describe in detail; structural and sectional anatomy, physiology, pathology and oncology related to: loco-motor, lymphatic, and cardiovascular systems.', 'Critically analyse radiation therapy planning, treatment and verification techniques with reference to international standards, the evidence-base and personal reflections for: the loco-motor, lymphatic, and cardiovascular systems and demonstrate beginner level planning, treatment and verification procedures for a range of diagnoses.', 'Describe with reference to the evidence-base, acute and late radiation therapy side effects, analysing patient care and management strategies related to the above body systems, demonstrating the provision of beginner level multi-disciplinary patient care, management, communication and professional skills for a range of patients.', 'Describe the process of how 3D datasets are generated and evaluate the clinical use of 3D images for planning and verification.', 'Describe in detail and apply the principles of radiation safety, quality management, occupational health and safety.', 'Appraise protocols, procedures and legal requirements used for incident reporting.', 'Appraise the imaging modalities used for treatment verification and demonstrate beginner level image matching.', 'Analyse and synthesis the principles and clinical applications of plan evaluation tools, demonstrating beginner level use of these.', 'Evaluate the rationale for use of beam modification accessories.', 'Describe and discuss effective and respectful working collaborations with the multi-disciplinary team.']</p>
MPH5283	<p>This unit will provide students with the practical knowledge required to plan and undertake a clinical research project with close attention to the highest standards of ethics and Good Research Practice. Students will also gain detailed knowledge in planning, and organizing their knowledge using methods of clinical research in a written and oral format.</p>	<p>['Design clinical research projects in a manner that takes account of common ethical issues and proposes satisfactory solutions to overcome them.', 'Develop an application for approval by an ethics committee and understand the process and requirements of ethical approval.', 'Develop an understanding of the modus operandi of major funding bodies and the manner by which applications for funding are made.', 'Develop an in-depth understanding of the proper management of a clinical research project and the steps needed to ensure maintenance of the highest levels of good clinical research practice.', 'Develop knowledge and appreciation of the main areas of risk involving clinical research and the steps that should be taken to reduce these risks.', 'Develop skills in the presentation of data in oral and written format and appropriate methods for promoting research funding.']</p>

FIT5143	The aim of this unit is to prepare Master of Philosophy students in the Faculty of IT to conduct research across the range of IT disciplines, including computer science, software engineering, information systems and information management.	['identify and explain major research philosophies and paradigms;', 'design rigorous and ethical Masters level research projects and develop project proposals;', '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;', 'critically review research literature, research design and reported findings;', 'apply research skills to operate effectively as a member of a research project team.']
PAR5240	This unit addresses the role of the aeromedical team and the use of fixed and rotary wing aircraft within search and rescue.	['Appraise the role of fixed and rotary wing aircraft and the aeromedical team in search and rescue;', 'Explain air search techniques including the role of the observer;', 'Determine the specific requirements for packaging patients for rescue;', 'Evaluate different survival techniques on land and in sea;', 'Participate in helicopter winching techniques; and', 'Identify the required elements of aeromedical retrieval rescue pertaining to their professional role.']
CHE3165	A comprehensive treatment of the fundamentals of separation processes of interest to the chemical industry is covered. The fundamental principles of mass transfer are introduced and extended to include principles of interfacial mass transfer and simultaneous heat and mass transfer. General mass and energy balances are derived for equilibrium staged processes. The applications of these principles are made to the unit operations of distillation (binary and multi-component), liquid-liquid extraction, gas-liquid absorption and stripping, adsorption and ion-exchange, and membrane separation processes.	['Interpret the analysis of general equilibrium stage processes (co- and countercurrent).', 'Describe the principles underlying the operation of a range of separation processes.', 'Analyse the operation and performance of a range of separation processes and unit operations.', 'Demonstrate skills in solving engineering problems related to design and operation of separation processes and unit operations.', 'Demonstrate experimental skills in operating and analysing the performance of separation unit operations', 'Generate strategies for solving complex, open-ended separation process problems.']
MGF5760	This unit provides a detailed examination of the role played by international institutions and organisations in the process of global governance. The unit focuses on the intergovernmental sector (including regional institutions), the non-governmental sector and the multinational corporate sector. The unit is informed by the research traditions of international relations, international law, international political economy, global governance, global civil society studies, and international business. In examining the process of global governance the unit will cover the thematic areas of global trade and finance, global peace and security, human rights and the environment.	['acquire an understanding of the theory and processes of global governance', 'acquire an understanding of the purpose, motivations and strategies of the United Nations System, regional organisations, civil society and multinational corporations', 'assess the roles of the intergovernmental, non-governmental and corporate sectors in shaping and influencing global governance', 'analyse key issues and themes relating to international institutions and organisations.']

NUR5923	The role of the intensive care nurse is diverse and challenging. Specialist knowledge and skills are required to care for patients with actual or potential life-threatening injuries, illness or complications.	["Perform and reflect on clinical practice in accordance with the Australian College of Critical Care Nurses' framework", 'Apply advanced clinical reasoning related to the pathophysiology of neurological, respiratory, cardiovascular, gastrointestinal, endocrine and renal systems in intensive care nursing', 'Demonstrate structured holistic assessment of an intensive care patient involving neurological, respiratory, cardiovascular, gastrointestinal, endocrine and renal systems', 'Plan evidenced based care for an ICU patient applying clinical reasoning related to the pathophysiology of their illness.', 'Critique evidence related to assessment and therapeutic interventions used in the planning of care.', 'Assess basic haemodynamic monitoring and analyse and interpret 12 lead ECGs, blood gas data and advanced respiratory findings, critically evaluating management of patient instability.', 'Provide and evaluate care for patients requiring high flow oxygen therapy, non-invasive ventilation.', 'Provide and evaluate care for patients requiring intubation, mechanical ventilation, respiratory weaning, tracheostomy and extubation', 'Attain competency in advanced life support including safely transporting ICU patients to other clinical areas', 'Define and state classifications of shock describing pathophysiology and causes, clinical features, treatment and stages of shock.', 'Critically evaluate pharmacological and other therapeutic interventions used to manage neurological, respiratory, cardiovascular, gastrointestinal, endocrine and renal system conditions in specialist nursing practice']
MEC5884	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']

BIO2181	<p>This unit examines the diversity of plant life, how plants evolved and how they live and grow. Topics cover evolutionary theory, the interpretation and use of phylogenetic trees in biodiversity research, plant form and function, and plant physiology. The unit provides an overview of the characteristics of algae, bryophytes, ferns, gymnosperms and angiosperms. As we move through this diverse range of plants we discuss their evolutionary relationships and the adaptive significance of their key features, including the evolution of physiological and anatomical adaptations to different biomes.</p>	<p>['Explain the evolutionary (i.e. phylogenetic) relationships among major plant lineages;', 'Describe the major structural innovations of each group and how they function;', 'Describe key physiological processes in plants and how they have evolved;', 'Describe the influence of evolutionary history and of the environment on biogeographic patterns of species occurrence, from community to continental scales;', 'Demonstrate a basic ability to use the command-line programming platform R to display phylogenetic trees and the use of phylogenetic information to analyse the evolution of traits and the formation of plant communities;', 'Demonstrate a basic ability to identify species of the Australian flora with the aid of taxonomic keys.']</p>
BMS5012	<p>The aim of this unit is to introduce and develop students' understanding of cancer biology, including the molecular mechanisms underpinning human cancers and targeted therapeutics used to treat patients with this disease.</p>	<p>['Identify, evaluate and effectively communicate key concepts and results and their implications from high impact recent publications in the field of cancer biology and translational cancer research;', 'Analyse, interpret and present data from a range of experiment types and discuss this in the context of current scientific literature.', 'Review and critique scientific literature relevant to a specified scientific question to formulate a scientific hypothesis to underpin a research project in the field of cancer biology;', 'Evaluate and integrate current knowledge on the genetic drivers of cancer to design trials to assess new cancer therapeutics;', 'Review, evaluate and justify appropriate approaches for clinical trial design based on preclinical evidence.']</p>
ATS3231	<p>This intensively delivered unit is part of our Criminology Overseas program. Students study human rights in relation to criminal justice and criminology through interactive experiences delivered on location in New York with criminal justice system and NGO actors. The unit will trace the impact of human rights across the differing phases of the achievement of justice in the criminal justice system. Students will be presented with and analyse issues of human rights affecting the United States and consider how dominant Australian ideas of criminological theory, practice and research might/might not apply in the European countries through comparative studies. Focusing on some specific rights as case studies students will contrast definitions of human rights in understanding responses to crime. Examples of topics for comparative understanding include: human rights and difference, human rights and social media, human rights and the criminal justice system, and human rights and the contemporary world. Students gain on-location access to experienced professional practitioners - police, crime investigation agents, prosecutors, judges, prison staff and NGO workers to understand how human rights impacts their professional activities and daily operations.</p>	<p>['identify and explain key human rights at the various stages of criminal justice proceedings;', 'discuss and evaluate the impact of human rights on national and international efforts to combat crime in various historical and current social contexts;', 'compare and critique contextual differences between understandings of human rights, crime and criminal justice;', 'critically evaluate applications of human rights and criminology to practices of national and international justice;', 'undertake an independent research project under supervision.']</p>

PSY6263	Students will develop an understanding of strategies used to manage neuropsychologically impaired individuals and will learn how to assess the efficacy of techniques used to rehabilitation and management. Participants will receive information from other allied health professional, rehabilitative approaches used by these professions and discuss how a multidisciplinary approach can be used to provide substantial benefits to the brain-injured individual.	['have acquired a good understanding of current theories and models of recovery of brain function after neurological damage;', 'be familiar with recent research examining plasticity and reorganisation in the primate brain;', 'be informed about the current World Health Organisation (WHO) framework for conceptualising disability in terms of impairment of function, activity limitation and participation restriction;', 'know how clinical neuropsychologists and other allied health professionals assess impairment following neurological damage;', 'be familiar with current rehabilitative interventions for specific neuropsychological disorders, and the methods commonly used to assess the effectiveness of these interventions;', 'be well informed about strategies used in the management of those with neurological damage.']
AMU3857	The unit covers a range of compositional techniques used in prose fiction. The weekly topics are organised around exercises designed to develop skills in effective use of creative detail, in conscious crafting of formal elements or writing techniques (e.g. building character, developing storyline, describing place, cultivating writing style or voice, identifying a narrative structure, etc.), and in preparation and editing of copy for publication.	['An understanding of a range of practices and techniques in contemporary writing through reading, analysis and practice;', 'Refined and extended communication and writing skills across a number of literary and other forms and for a variety of audiences;', 'Skills in editing, proofing and preparation of copy for publication;', 'Advanced writing and reading skills as a member of an Internet writing group;', 'A dossier of research, ideas for writing and examples of drafts and finished work at the end of the unit.']
SWK3220	This unit offers an overview of the history and contemporary context of social work practice within a framework of understanding the connection between social issues, policy development and strategies for sustainable change at both local and global levels. The unit is underpinned by notions of social justice and human rights and offers a preview of topics that will be studied in greater depth in subsequent units within the course.	['Describe the nature of social work in a range of contexts and settings as well as describe contemporary debates about the nature of social work.', 'Critically analyse the ethical value base of social work with particular reference to human rights and the promotion of social justice.', 'Critically analyse key global social policy issues including, but not limited to, mass movement of people, climate change, reconstruction, and poverty.', 'Critically review and analyse contemporary trends in the delivery of social work services.', 'Articulate the nature of social change and the strategies to achieve this.']
BEW3100	Students will undertake approved projects for an employer, which will contribute to the organisation and facilitate the development of work place skills and application of knowledge to a practical situation.	['apply conceptual and theoretical knowledge to practical work situations', 'communicate effectively and appropriately with peers and superiors both verbally and in writing', 'work effectively as part of a team', 'undertake applied research projects in the areas of accounting, economics, management, marketing, or any area of business.']
BEX6011	The objective of this unit is to introduce doctoral candidates to current research issues and empirical tools in asset pricing. This unit will cover research papers in asset pricing. It will also provide students with the skills and proficiency to empirically conduct asset pricing research.	['NA']

MDC4001	<p>The first of a three part design project. In most cases the project is to be determined by the students at the start of the semester with their lecturer. The outcomes will vary depending upon the objectives established by the students and staff. The unit gives a chance to research issues, undertake designs that will lead to the development of these ideas in the Design Projects. Students should be concerned with developing their design philosophy, the way in which it responds to social needs and its visual and social expression as a preliminary to its development in the project. The contemporary discourse in design and related theory is discussed.</p>	<p>['Demonstrate a capability to research and explore the full range of issues to be considered in a design project;', 'Be able to practice design to a high standard of professional competency;', 'Be able to relate their work to contemporary discourse and seek to extend its boundaries through their design work;', 'Be able to defend their chosen direction in the project against informed criticism;', 'Have a base of knowledge, understanding and capability necessary to undertake their project;', 'Be capable of organising, developing and planning methodologies associated with the project which will help to successfully determine a viable outcome.']</p>
IDE2811	<p>This unit covers the fundamentals of mechanics as applied to consumer products including loads and forces in structures both solid and dynamic. The unit also includes the fundamentals of electronics in product design such as circuit analysis, electrical and magnetic fields, passive and active devices, voltage levels and frequency ranges, safety and regulations as used in a variety of consumer products.</p>	<p>['Have an understanding of the application of electrical and mechanical systems for contemporary products;', 'Have a basic working knowledge of electricity and mechanics;', 'Experience applying electrical and or mechanical principles in product design projects;', 'Understand and practice the rules of occupational health and safety in force in the industrial design studio.']</p>
NUR5327	<p>This unit examines the concepts of management and leadership as applied to the conduct of professional nursing practice. The content is delivered in four modules. The first module examines key professional and organisational structures that govern the scope and practice of nursing work in particular nursing contexts. The uses and roles of policy (development, utilisation and compliance) in assisting governance will be studied. In the second module, contemporary methods for the organisation of work in nursing environments will be examined including human resources management. These also will be considered in relation to industry and technology reforms; political, business and social agendas; and developmental strategies. The third module examines principles and models for strategic planning and operational interventions for the management and development of nursing services and work. The fourth module examines the role of interdisciplinary engagement and activities in relation to nursing leadership and management strategies.</p>	<p>['Examine leadership and management responsibilities and outcomes associated with the organisation of professional nursing practice;', 'Critique contemporary methods of organising professional nursing work in a range of practice contexts;', 'Apply principles of human resource management to a nursing / midwifery practice setting to achieve the required skill mix;', 'Describe professional and workplace governance structures that have been proven to be successful in particular nursing / midwifery workplace contexts;', 'Identify drivers for change (e.g. industry and technology reforms; political, business and social agendas) and proactively lead nursing responses to changing and dynamic environments;', 'Critique commonly used strategies for strategic planning and operational implementation in particular nursing / midwifery workplace contexts;', 'Recommend techniques related to enhancing interdisciplinary engagement that can be used in nursing / midwifery leadership and management situations;', 'Develop a 'fit for purpose' policy to address an identified problem in nursing / midwifery practice requiring use of leadership and management strategies;', 'Evaluate the implementation of a specific management and leadership strategy in the conduct of nursing work.']</p>

BTX3350	This unit builds on introductory taxation law units. It covers the taxation of entities, including the acquisition and disposal of business entities. Selected topics are employee remuneration extending to share schemes and termination payments, CGT consequences of death, superannuation and small business concessions. Tax administration, income tax anti-avoidance provisions and tax agent ethics are covered.	['apply the tax frameworks to analyse conducting a business through a company, trusts, partnerships or as a sole proprietor', 'identify and analyse the taxation issues associated with employee remuneration, superannuation and selected CGT issues', 'apply the tax rules that govern acquisition and disposal of businesses, including small business entities', 'analyse business transactions from the perspective of tax administration and anti-avoidance provisions.']
FIT2034	The emphasis in this unit is on the application of fundamental programming concepts using an object-oriented programming language. It also introduces more advanced object-oriented programming topics such as inheritance and polymorphism. It gives students a deeper understanding of programming and gives more practical skills in designing, building and testing larger computer programs, including ones having graphical user interfaces, and utilising file I/O.	['implement basic programming concepts through designing and constructing simple programs using Java as the implementation language;', 'explain object-oriented concepts such as inheritance, polymorphism, and abstract classes and interfaces and interpret how they are implemented in Java;', 'apply the object-oriented design principles to a multiple-class object-oriented program;', 'construct Java programs that include graphical user interface with event handling, collection classes, exception handling and files for persistent data storage;', 'identify a range of modern tools to support the process of programming complex software systems.']
PHA3990	This unit provides the opportunity for high achieving students to work with an academic supervisor and complete a research project in Pharmacology. The research project may be chosen from a list of projects available at the beginning of semester from the Department of Pharmacology. The unit convenor and supervisor must approve the project topic at the time of enrolment. Student will work in a research laboratory to obtain data, will complete a written preliminary and final report and will give a series of oral presentations on their work.	['Undertake a research project with regard to ethical and safety regulations;', 'Demonstrate technical skills in experimental methods and the ability to collect, analyse and interpret data using methods relevant to the discipline of Pharmacology;', 'Communicate appropriately and effectively with supervisors, laboratory staff and students;', 'Maintain accurate and up-to-date records of experimental procedures, results and outcomes;', 'Identify relevant published scientific literature and critically analyse and evaluate the content in the context of the discipline of Pharmacology;', 'Construct written reports.']
CIV5309	This unit introduced students to the systematic collection, interpretation and presentation of transport and traffic data. The systems approach to survey design is introduced and the trade-offs involved in the allocation of survey resources are examined. The unit is designed to provide a rigorous and practical coverage of the collection of transport and traffic data using traditional traffic and travel surveys as well as through advanced technologies. The unit discusses new and innovative techniques for measuring and monitoring the performance of transportation systems and evaluating changes in demographic and urban travel characteristics. Students will be introduced to advanced transportation data collection technologies and will learn how to manage, analyse, and visualize large and advanced datasets.	['Design traffic and transport data collection initiatives with due consideration\nto manual and automatic data collection options.', 'Assess the tradeoffs involved in allocation of survey resources.', 'Evaluate transport and traffic data on the basis of its quality and relevance\nand interpret that data to identify key insights.', 'Design appropriate presentation of transport and traffic data to communicate\nits underlying temporal and spatial dimensions']

DWG2511	<p>This unit provides students the opportunity to explore the relationship between Fine Art practice and anatomy. Students will work from anatomical specimens (including prosected cadavers) at the Anatomical Museum and various forms of diagrammatic representation of the body. Through a variety of media and methodologies, the students explore how to make sense of the form and structure of the body, drawing on perceptual, observational and conceptual drawing strategies; as well as contemporary issues regarding the body found in critical theory. The unit will also address the OHS and ethical issues required for study in this area.</p>	<p>['Have a wide graphic visual vocabulary to serve and maximise their individual expressive needs in relation to the body;', '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 appreciation of the structures of the body that may be of interest to the contemporary artist;', 'Have an understanding of the appropriate procedures for complying with OHS and ethical requirements in this area of study.']</p>
DGN4002	<p>This unit is the second part of the major project sequence for the honours course, where students are expected to continue with the research initiated in DGN4001. Not offered in 2019, and develop a time frame which details the final visual presentation in consultation with a supervisor and the course coordinator.</p>	<p>['Develop and refine their design project from the conceptual stage undertaken in DGN4001. Not offered in 2019. Major Project (Design) Part 1 through to a visual presentation which demonstrates a very high level of capability;', 'Demonstrate a comprehensive understanding of the discipline and its professional practices, with particular reference to the social, cultural and aesthetic aspects of their investigation;', 'Demonstrate a high level of knowledge of the contemporary discourse in design and visual communication and to be able to position their work relative to it;', 'Debate and/or defend their practice in an informed critical appraisal;', 'Demonstrate they have cultivated high ambitions to perfect their practice of design.']</p>
NUT3082	<p>This unit will review the concepts and approaches of population health in the context of nutrition. The content will explore current public health nutrition practice issues related to priority issues such as obesity, food security and the food supply. A systems based, health promotion framework to addressing priority nutrition issues will be discussed and current public health nutrition practice will be evaluated. Students will explore the political foundations of public health policy in Australia including the impact of public health policies and will develop skills in policy analysis and public health advocacy. This unit will provide students with the foundations knowledge in preparation for the development of skills of the practice of public health nutrition. The key theme explored in this unit is Theme 2: Determinants and influences on population health and nutrition coupled with partial integration of content from Theme 4: Food: from science to systems.</p>	<p>['Describe the current key public health nutrition priorities and issues in Australia and the policy frameworks that support these.', 'Appraise the political, environmental, social and economic influences on public health nutrition goals and practice.', 'Explore opportunities for beneficial social, environmental and nutritional change to the Australian food supply.', 'Evaluate how public health policy may influence food consumption and nutrition status.', 'Apply a socio-ecological, systems based approach to understanding and managing population nutrition issues.', 'Employ best practice frameworks and approaches for planning, implementation and evaluation of these issues in the development of nutrition interventions.', 'Explain the use of and process of public health advocacy and apply the advocacy framework to a current public health nutrition issue.']</p>

BTH2820	This unit introduces traditional and modern practices involved in crop production. It includes environmental, genetic, physiological and cultural factors influencing crop growth and yield, and emphasises the growth, development and yield of several important tropical crop species and their management for sustainable production. Practical sessions are designed to enhance students' understanding of plant growth, post-harvest requirements, as well as soil and environmental factors affecting plant growth.	['Demonstrate the ability to identify plant species of agricultural importance;', 'Demonstrate good understanding of the principles involved in crop production and methods for crop improvement;', 'Apply specialised knowledge on important factors affecting crop growth and yield to achieve sustainable production of important tropical crops;', 'Analyse, interpret and present scientific data effectively.']
NUR3312	This unit builds on NUR3310, supporting students to develop nursing management skills related to the deteriorating patient in acute settings, and NUR2225 related to the client with an escalating mental health condition.	['Demonstrate a person-centred approach to assessing, planning, implementing and evaluating care and outcomes through the life-span across all healthcare settings.', 'Recognise and respond to the deteriorating patient.', 'Apply evidence-based diagnostic, therapeutic and preventative techniques associated with caring for patients with complex health-care needs.', 'Apply the principles of clinical risk and patient safety in a variety of healthcare settings.', 'Critically reflect on the professional role development of nurses and midwives.', 'Identify and discuss strategies to manage the challenges of contemporary nursing and midwifery practice.', 'Reflect on, identify and develop strategies for personal and professional resilience.', 'Critically reflect on leadership, management, teamwork and inter-professional collaboration in the provision of quality patient care.', 'Apply time management and problem solving skills in the delivery of patient care.', 'Demonstrate effective communication within an inter-professional team to deliver quality patient care.']
ATS1343	Popular music, namely, music that appeals to large audiences and which is disseminated via mass media, is an increasingly global phenomenon. From rock to reggae, hip-hop to Afro-pop, this unit introduces students to select popular musics from around the world, while also exploring basic research principles of ethnomusicology and popular music scholarship. The unit is open to all students with an interest in music. No prior musical experience required.	['Recognise and articulate some of the historical, social and cultural forces that have shaped select popular musics from around the world;', 'Critically read scholarly sources by undertaking a guided reading activity;', 'Evaluate and analyse scholarly sources pertinent to popular music research;', 'Undertake a popular music research project utilising academic research and writing skills.']
MGF3450	Skills in identifying, understanding and managing conflict are essential in a range of business and professional contexts. Participants in this unit will study a variety of theories and processes that will enhance their skills in avoiding and resolving disputes within and between organisations. Participants will learn through engaging in activities related to negotiation, mediation, advocacy, arbitration and other dispute resolution processes.	['identify and analyse the characteristics of conflict in society and in relationships', 'apply ethical communication, counselling, negotiation and mediation techniques to a variety of conflict situations', 'examine the influence and implications of power in understanding and managing conflict', 'evaluate a range of dispute resolution techniques and assess the applicability of these techniques to specific situations', 'assess and develop dispute resolution systems.']

NUR2447	<p>The aim of this unit is to develop in students an understanding of the basic principles of pain and wound care management as they relate to nursing, as responsible and appropriate nursing intervention is frequently a determinant of the overall success of therapy. The need for the nurse to develop a broad knowledge base of wound and pain management and therapeutic regimes is considered an essential element of professional clinical practice.</p>	<p>['explore the physiological aspects that influence wound healing;', 'demonstrate the ability to undertake a comprehensive wound assessment, and to discuss wound characteristics and their relationship to type of dressing product selected;', 'identify the principles of infection control relating to wound care;', 'discuss the impact of appropriate wound assessment and provision of comprehensive wound management in the health care setting;', 'examine the physiological and psychological effects of chronic and acute pain;', 'analyse and develop a framework for the assessment of pain, disability and physical function, including the use of appropriate tools;', 'identify current therapeutic and complementary measures to manage pain in the health care setting; and', 'discuss social and cultural influences on pain and disability and the educational needs of clients in relation to the provision of evidence-based pain management.']</p>
AZA3871	<p>Ethical issues which are raised by the environmental crisis stretch the traditional philosophical concepts, to breaking point. This has led to calls for a completely new ethic based on environmental values and a non-anthropocentric world view. The unit adopts a global perspective but looks at issues through a South African and African lens. We examine issues such as: animal rights, the intrinsic value of nature and eco-centric notions of value. Various ethical dilemmas which arise in relation to our treatment of animals and the environment, the value of wilderness, population growth and the ethical responsibilities that come with globalization will be discussed. These issues are linked to the situation regarding the environment in South Africa and Africa in general, with particular reference to some of the problems encountered within this context.</p>	<p>['NA']</p>

NUR3005	<p>This unit focuses on multi-disciplinary care and models of care delivery with an emphasis on ageing, chronic and life limiting illness. With the evolving role of the nurse as primary care providers it introduces the student to the issues facing older people and will include healthy ageing, the ageing process, polypharmacy, lifestyle issues, advanced health assessment related to people with complex health needs and legal and ethical issues associated with aging, chronic illness and palliative care.</p>	<p>['discuss perspectives, and the physical, psychological and social aspects of ageing in the context of health and illness in older people in our community', 'describe the impact of ageing and chronic illness on clients, families and carers and apply this to discharge planning bridging the transition from acute care to primary care and palliative care', 'analyse the legal and ethical issues that arise from changes to cognition, chronic and life limiting illness such as challenges to autonomy, protection of patients, quality of life and euthanasia', 'differentiate the roles of nurses working in multidisciplinary teams, who care for people with chronic and/or life limiting illness in different health care environments', 'utilise holistic health assessment skills to assess the complex health needs of older adults and people with chronic and life limiting illness in relation to physical, psychosocial and spiritual needs', 'demonstrate and evaluate a range of evidenced based interventions that support the person experiencing complex care needs associated with living with a chronic illness', 'identify the primary care resources for people with issues related to ageing, chronic and life limiting illness in the community', 'utilise health promotion, supportive and palliative approaches to care for people with chronic and life limiting illness in a range of health care settings.']</p>
SDN3001	<p>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.</p>	<p>['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.']</p>
ATS2867	<p>Unit looks at the growth of scientific theories from the standpoint of three humanities disciplines - history, philosophy and sociology - using a case study method. On completion, students will have an acquaintance with several important developments in the history of science, and have thought about issues in the philosophy of science and sociology of knowledge. They will also have read Thomas Kuhn's The Structure of Scientific Revolutions, and so have encountered one of the most important books on science written in the 20th C. Three case studies will be presented and students will undertake an individual case study under supervision.</p>	<p>['Have an understanding of major theoretical approaches to the nature of science;', 'Have familiarity with a variety of case studies in the history of science;', 'Have improved their skills in analysing and interpreting philosophical texts;', 'Have developed some skills in reading and analysing historical scientific texts;', 'Have developed skills in criticising philosophical accounts of scientific progress.']</p>

PBH3008	<p>This unit will utilise a 'case study' approach to build on students' previous learning about global health. The intent of this unit is not only to further students' awareness of global health issues, but also to encourage critical thinking about the underlying causes and the efficacy of current global health programs and approaches. It aims to equip students to work in the area of global health both in Australia and abroad.</p>	<p>['Explain the current and future threats to global health and their underlying causes', 'Discuss the interaction of the environment and health including climate change, conflict and natural disasters', 'Demonstrate increased cultural capability in relation to Aboriginal health and how to apply a 'strengths based' approach to Aboriginal health issues', 'Assess public health programs addressing health issues at a national and global level including the program's capacity to address health inequities and the appropriateness of design', 'Critique key global strategies and frameworks including the sustainable development goals, the Ottawa charter and the global framework for tobacco control']</p>
NUT5003	<p>This unit uses a range of clinical conditions and diseases as the foundation and basis for dietetic students to further develop their core dietetic practice skills and develop skills in dietetic education and case management in the academic setting in preparation for placement. There is an emphasis and focus on person centred care and using simulation and case based learning to provide a key platform for learning in this unit. Preparing students for individual case management and clinical placement is a key focus of this unit. Broader issues regarding healthcare systems and healthcare provision, management, ethics in healthcare and quality improvement are covered in this unit. Students' professional competencies are further developed and this unit supports fulfilment of prescribed competencies as outlined by the Dietitians Association of Australia.</p>	<p>['Evaluate the role of diet in the aetiology, prevention, and management of a range of clinical conditions and diseases in preparation for clinical case management.', 'Integrate knowledge of science and disease into nutrition assessment and management of clinical cases including consideration of broader issues regarding healthcare systems and provision, management, ethics and quality improvement.', 'Demonstrate core skills in the clinical dietetic process to formulate effective case management plans including prioritising care and discharge planning.', 'Integrate personal, social, clinical, cultural, physiological, ethical, environmental and economic factors into clinical reasoning and decision making in case management.', 'Apply an evidence based approach to clinical case management.', 'Identify and critically review evidence in clinical dietetics communicating practice applications.', 'Incorporate theories of behaviour change and learning theory in counselling and education skills to support effective dietetic case management.', 'Communicate appropriately and broadly both written and orally.', 'Critically reflect on practice extending self-awareness, insight and cultural competency linking to professionalism.']</p>
ATS3071	<p>This unit introduces students to a variety of French films, with particular emphasis on leading directors from the New Wave to the present. It aims to develop awareness of specific contemporary cinematic genres and styles, the interaction between films and their social and cultural contexts and different critical approaches to film. The unit covers social issues such as the malaise of youth, consumerism, urban problems, national identity, immigration and women's position in society. It is open to students from other disciplines without prior background in French, while enabling French studies students to use their skills in reading and interpreting the films and secondary sources.</p>	<p>['Understand, discuss and analyse different cinematic genres and styles of contemporary French cinema', 'Develop and express an understanding of the socio-cultural context of contemporary France', 'Understand, discuss and analyse the ways in which selected French films reflect on and interpret social and cultural issues in contemporary France', 'Develop an ability to engage with written and visual texts and to understand a body of critical writing in the field Additional objective for students in French', 'Develop a knowledge of specialist critical language in relation to film studies Additional objective for third year students:', 'Develop a deeper understanding of theoretical debates in the field of contemporary French cinema and culture.']</p>

ATS3816	<p>In the innovative unit students explore issues in the teaching and learning of languages, and reflect on their own language learning experience. Students design and carry out a research project in an area of language learning of interest to them, and engage in detailed discussion in weekly seminars. The unit brings together students from a range of language backgrounds and explores the motivations people bring to second language learning and the effect of different learning environments. A key focus is developing students' awareness of career options using languages and developing skills of interest to employers, such as project design and management, data analysis and report writing.</p>	<p>['Describe different approaches to formal and informal language learning and the merits and pitfalls of each approach', 'Discuss the effect that social factors, such as gender, friendship groups and societal attitudes can have on language learning', 'Reflect on their own language learning motivation, style and achievements', 'Explore how institutions such as schools and universities make decisions about how to structure their language programs', 'Understand key language issues facing multilingual/ multicultural societies', 'Be familiar with a range of theoretical and methodological approaches to studying language learning', 'Conduct a small independent research project in an area of their own choosing']</p>
ACS1002	<p>This unit will cover various aspects of financial accounting and builds on the principles introduced in AFS1000/AFW1000/ACW1000. Aspects associated with transaction reporting and the preparation of financial statements investigated include: the recording of inventory in a retail context, the use of control accounts, the role of specialised journals, a range of balance day-adjustments, reversing entries and account reconstruction. The unit also focuses on internal control procedures. The definition, recognition and disclosure criteria of financial statement elements are explored, as well as the cost and fair value measurement of various financial statement elements.</p>	<p>['account for the recording and reporting of inventory, applying the periodic and perpetual method as per issues raised in AASB 102/IAS 102. Prepare and complete balance day adjustments, closing entries and internal control systems to allow all final statements and bank reconciliations to be completed', 'apply the principles of double entry according to the reconstruction of accounts', 'demonstrate how the regulatory environment effects accounting statements in the context of a range of organisational forms', 'apply the definition and recognition criteria for elements of financial statements as per the Framework and specific international financial reporting standards, and consider accounting and accountability issues that arise from different measurement methods', 'apply critical thinking, problem solving and presentation skills to individual and/or group activities dealing with financial accounting and demonstrate in an individual summative assessment task the acquisition of a comprehensive understanding of the topics covered by ACS1002.']</p>

ATS3311	<p>This intensive field work course of one week's duration is taught out of the Monash Prato Centre in mid-December in the year of offering, and utilises the intellectual capital of the members of the Prato Consortium for Medieval and Renaissance Studies. The unit is centred on 'core skills' for Medieval and Renaissance Studies: archive, manuscript, palaeographical and interpretive skills. Students undertaking the course are introduced to archives and manuscripts, visual culture and urban landscapes. In particular, when possible this unit will draw on the resources of the Archivio di Stato of Prato, and the 'Archivio Datini Online' making maximal use of the digitized documents available through this portal. Texts will be read from a variety of historiographical perspectives, and considered within the appropriate historical contexts. Participants will generally have the opportunity to engage with some of the foremost scholars in this area of study. Students therefore will be expected to attend, and critique, workshops and lectures organized to coincide with their intensive week's study. There will be a compulsory seminar for all participating in the unit in advance of departure for Italy. While this unit is designed for fourth level students, qualified third year students may enrol with permission of the unit coordinator.</p>	<p>['Will have a thorough knowledge of the text(s) chosen for study.', 'Will have gained an understanding of different genres of text circulating in Medieval and Renaissance Italy\n(chronicle, letter, diary, tract, sermon, poem, play, dialogue, treatise, monument, visual representation).', 'Will have gained a grounding in core skills for Medieval and Renaissance Studies with respect to archives, manuscripts and palaeography.', 'Will have developed a capacity to analyse the processes which underpinned the construction of particular texts.', 'Will have developed the capacity to detect the resonances of language and code embedded in particular texts and their relationship to social context.', 'Will have developed the capacity to read 'against the grain' in relation to the Medieval and Renaissance Italian social, political and social contexts.", 'Will have had the opportunity to critique either an element of the historiography or a presentation by a scholar\n(or scholars) in the field.', 'Will be able to engage in critical discussion of texts in relation to the urban context of Italian Medieval and Renaissance Society.']</p>
APG5324	<p>The unit explores the emergence of a global political economy and the consequences of an increasingly interdependent world. Students will be introduced to the key theoretical approaches and debates in international political economy, and the major developments in 20th and 21st century global political economy. Students will also critically examine the key issues emerging from a globalising political economy, ranging from the globalisation of production to the emergence of new powers from the Global South, and reflect on the future trajectories of international political economy in the era of global uncertainty and change.</p>	<p>['explain the principal themes and theories in international political economy;', 'discuss the major developments in the international political economy since World War II, with emphasis upon the impact of economic interdependence and globalization;', 'critically analyse the key issues facing the global political economy;', 'design and manage large and focused research projects;', 'collaborate effectively with peers in group learning tasks.']</p>
ATS2128	<p>The unit extends intermediate skills in composition and music technology by requiring students to compose for screen. Students will also apply mastering techniques to recorded works and develop listening skills in relation to musical works that accompany other media.</p>	<p>['recognise a range of composition techniques for screen;', 'compose music to accompany screen;', 'apply studio mastering techniques to compositions;', 'perform in a chosen/approved music ensemble with a critical awareness of the various roles involved;', 'critique composition for screen, demonstrating perceptive music listening skills.']</p>

NUR5844	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.	['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.']
FIT3146	This unit will focus on research into the latest developments in the field of information technology, including innovative technology developments involving human computer interaction, information visualization of complex data and emerging interface techniques. Students will learn valuable research and communication skills as they investigate and share with their peers the impact of emergent technologies and interfaces on society. The unit will focus on grand challenges in the field of information technology and on emerging trends. Students will apply their theoretical understanding to a practical project negotiated with the lecturer using a learning contract.	['locate and critically evaluate information on current research in the field of information technology as it relates to such themes as Human Computer Interaction, Ubiquitous Computing, Social Computing, and Entertainment', 'critically evaluate the impact of rapid changes in information technology on society, highlighting the pervasive and expanding range of areas on which information technology is impacting', 'communicate results of investigation to peers effectively through written and oral presentations, while correctly acknowledging and referencing source material', 'apply theoretical understanding of emergent technologies to a practical project that demonstrates exploration of new information technologies in areas such as Human Computer Interaction, Ubiquitous Computing, Social Computing, and Entertainment.', 'demonstrate the application of technical skills related to emergent technologies to a practical prototype or application that demonstrates exploration of new information technologies in areas such as Human Computer Interaction, Ubiquitous Computing, Social Computing, and Entertainment.']

ATS3972	<p>This unit examines the ways in which Spain and Latin America have represented each other, and the 'singular cultural space' of Ibero-America, at critical junctures during the twentieth century. Through a range of sources produced on both sides of the Atlantic, including works of fiction, critical essays, travel narratives, journalism and film, the unit reflects on the supranational contexts in which (trans)national identities are negotiated and defined. Students explore such critical issues as notions of nationhood and 'race,' cosmopolitanism, immigration and exile, gender and subjectivity, and the confrontation of modernity with tradition. As a point of departure, students are introduced to the idea of Hispanidad and the ideology of Hispanoamericanism as a means by which Spain sought its national regeneration by proclaiming the shared spirit, language and culture that allegedly unites Spain and its former colonies. One of the recurring themes explored are the various responses to this idea of Ibero-America as a homogenous cultural space. Students will reassess critically the nature of post-imperial Spain and post-colonial Latin America from the aftermath of Spain's loss of empire in 1898 to the rapid increase in Latin American immigration to Spain at the end of the twentieth century.</p>	<p>['Analyse critically a variety of literary and visual texts and to evaluate and formulate coherent, sophisticated arguments, both written and oral.', 'Communicate effectively their ideas during in-class discussions based on thoughtful reflection on the issues.', 'Enhance their skills in the presentation of written and oral arguments in Spanish.', 'Demonstrate a critical understanding of current theoretical approaches to literary analysis in Hispanic Studies, as well as comprehend the relationship between travel, either real or imagined, and ideologies of power and representation.', 'Demonstrate a critical understanding of issues of national and transnational identity formation and negotiation during the twentieth century in Spain, Latin America, and the imagined space of Ibero-America.', 'Deepen their knowledge of contemporary Spanish and Latin American society, history, politics and culture.', 'Contextualise specific moments of transnational movements and migrations within the Spanish-speaking world at various points during the twentieth century and explain the motives for, and impact of, contact with the other.', 'Improve their reading skills in Spanish in terms of their understanding of different discourses adopted in literary fiction, criticism, theory and film.']</p>
CIV2206	<p>This unit involves the study of various loadings (axial force, moment, shear force, torque) as well as the resulting stresses and strains that occur in engineering structures. It builds on aspects taught in the level 1 unit, ENG1001. Topics covered include: bending moment diagrams of determinate and indeterminate beam and frame systems, the combination of bi-axial bending and axial stresses (including those resulting from thermal loading); partial and fully plastic section moment capacities; torsion, shear stress and shear flow in beams; and the calculation of reactions and deflections in both determinate and indeterminate systems using both compatibility and the energy method. The theory of elasticity is introduced, covering: the transformation of stress and strain and the calculation of principal and maximum shear stresses and strains; the constitutive relationship between elastic stress-strain behaviour; Mohr's circle; and failure criterion with specific reference to pressure vessels.</p>	<p>['Analyse structural behaviour (calculating reactions and bending moment diagrams and deflected shapes) of simple determinate and indeterminate beam and frame systems using qualitative and quantitative methods.', 'Identify and determine elastic normal stresses, shearing stresses and shear flow in simple structures as a result of external (including thermal) loading producing internal actions of axial force, bending, torsion and shear.', 'Determine the partial plastic and fully plastic section moment capacities of both symmetrical and asymmetrical steel sections.', 'Determine deflections in linearly elastic determinate systems.', 'Determine stresses and strains (and their relationship) in two dimensions utilising the concepts of principal stress and Mohr's circle, and select and use appropriate failure theories for engineering materials.', 'Formulate technical reports and communicate effectively in team assignments, interpreting and analysing experimental data, utilising basic analysis software packages and relating results to the theory taught.']</p>

ATS4215	<p>Students taking the unit will develop and apply advanced history research skills. The unit coordinator will introduce students to one or several major history archives (online unless the archive is physically available at Monash or another Melbourne site, or at Prato), and to a history subject area for which the archive/s hold a diverse and significant cache of primary source material. Each year a member of History staff will coordinate the unit and select archive/s and subject area/s in which they have a research expertise. Students will learn how to access, search, document and index archive sources, and they will learn to apply digital tools for organising data in electronic formats. They will consider methodological issues and approaches in using and interpreting different kinds of primary sources, such as public records, personal letters, diaries and other manuscripts, visual artefacts or oral history. Students will read and assess secondary literature in the proposed subject area and will devise and undertake a research project using archive material.</p>	<p>['develop critical understanding of methodological approaches and issues in using and interpreting different kinds of historical sources;', 'develop a critical understanding of the secondary literature on a selected history subject area;', 'develop skills and understandings to devise and manage a history research project;', 'develop the technical and analytical skills to access, search, document and index archive sources, including application of digital tools for organising data in electronic formats;', 'develop advanced skills in historical writing.']</p>
ATS3795	<p>Digital storytelling and publication have broken down geographical boundaries and we now access stories from around the world on our mobile devices. The breakdown of the publishing gate keeping function of legacy media means that an ever increasing amount of content and stories are produced by the 'people formerly known as the audience'. Being able to communicate using story telling techniques is becoming increasingly important in many professions. Understanding and being able to add an international dimension to your story telling makes it even more potent.</p>	<p>['an understanding of the elements of storytelling;', 'the practical ability to tell a basic story in various media formats;', 'knowledge of some of the main topics in international reporting;', 'critical grasp of different kinds of international reporting;', 'an understanding of the importance of source critique in international reporting;', 'some understanding of the market for international stories.']</p>
ATS1338	<p>Language is something that we use every day, but we rarely stop to think about its underlying rules and patterns. Most human languages are made up of sounds. In this unit we explore the sounds of language and how they are combined in linguistic signs. Students explore the ways in which speech sounds are produced by the human body, and are introduced to the International Phonetic Alphabet as a way of representing the sounds of all spoken languages. We consider how and why the sounds and words of language change over time and between speakers from different social groups. We also explore phonology - how sound systems differ across languages - and morphology - the internal composition of words. Throughout the unit we consider the ways in which these concepts can also be applied to the analysis of sign languages.</p>	<p>['discuss the nature of the linguistic sign and how language differs from other communication systems;', 'outline the range of sounds used in human language, and the way different sounds are produced;', 'use a range of conventions for writing down the words and sounds of language;', 'explore the ways in which people from different social groups or historical periods use the sounds of English;', 'apply knowledge gained in the unit to everyday experience.']</p>

AMG5894	Students are provided with a general overview to various theories related to communications and media studies. With a pedagogical emphasis on inculcating reflexive practitioners. Theories discussed are in relation to the practices of journalism, organisational communication, public relations, advertising, and new media forms such as blogs and social networking sites.	['To develop awareness of the range of social and professional contexts in which communication occurs;', 'To develop an understanding of communication as a set of practices and to identify common features within these practices;', 'To introduce some of the major ways in which communication and media have been understood at a theoretical level;', 'To consider the relation between theory and practice in the field of communication and an appreciation of how they can productively inform each other;', 'To introduce communications and media studies as a basis for further graduate study and professional practice in the field.']
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.']
ATS1279	This unit introduces students to the core concepts and theoretical traditions within media studies including political economy, textual analysis, empirical studies and cultural studies. These are aligned with historical and contemporary examples of social, economic and political debates about media industries and audiences. Students also examine the ways in which power and influence are exercised through media in cultural and social life.	['explain the relationship between media and culture using one of the main theoretical frames from the unit;', 'demonstrate an understanding of one of the main research methods used in media studies;', 'critically read academic articles and develop skills to paraphrase, summarise and reference others' ideas;', 'communicate ideas to peers via oral presentation.']
ATS1269	The unit is designed to further students' knowledge of Latin, gained in ATS1267Not offered in 2019, and improves their reading skills to the point where authentic Latin texts may be read and enjoyed. Students make significant progress with their understanding of Latin grammar and syntax, while reading increasingly authentic texts by authors such as Virgil, Cicero and Suetonius. Learning is reinforced by weekly grammar exercises and vocabulary tests.	['A concrete knowledge of Latin grammar and syntax to allow most Latin texts to be approached successfully;', 'An enhanced active vocabulary in Classical Latin;', 'Reading skills in Latin to allow most Latin text to be approached successfully;', 'A greater understanding of the historical and cultural context of Classical Latin, especially the Republican period.']
RSE4111	Students are introduced to the state-of-the-art in numerical methods and their application for engineering design. The unit provides an overview of existing numerical methods and theory and provides a background for the selection of the most appropriate numerical modelling procedure for specific applications.	['Appraise the current state-of-the-art numerical methods and their theory.', 'Assess how numerical schemes and grids influence the behavior of the model.', 'Assess the various sources of error that may turn up in the model.', 'Appraise the limitations of a model.', 'Demonstrate how numerical models can be as a tool to solve problems in rock engineering.']

PAR5220	<p>This unit will explore the specific modifications to clinical practice required when adapting to the aeromedical environment. Unit content will address the effects of altitude on susceptible medical, surgical and traumatic conditions and will emphasise the importance of appropriate in-flight equipment commonly used for patient monitoring and ventilatory and circulatory support.</p>	<p>['Predict the specific effects of altitude on susceptible medical, surgical and traumatic conditions;', 'Generate pharmacotherapeutic and fluid administration plans to manage common conditions requiring aeromedical transport, demonstrating effective forward planning to manage potential complications that may arise;', 'Formulate holistic patient care plans appropriate to the professional practice level of the student;', 'Devise clinical management strategies which will predict and prevent potential aeromedical problems which affect safe and efficient patient transport;', 'Demonstrate a working knowledge of medical equipment utilised in the care of patients during flight; and', 'Evaluate the pivotal role of teamwork within the aeromedical retrieval environment']</p>
BTH2830	<p>The overall theme of this unit is to introduce students to microorganisms. They will discover the diversity of microorganisms from viruses to bacteria to eukaryotes. They will learn their ecological role, their importance to the medical and food industry and how to identify, cultivate and control them. They will also gain an understanding of how microorganisms evolve and gain antibiotic resistance. The practical classes will introduce basic concepts such as aseptic techniques, staining and microscopy, isolation and enumeration of bacteria as well as control of microorganisms. Furthermore, students will be given the opportunity to explore the tropical environment and sample the air, water and soil samples as well as local food outlets. Thus they will develop a better understanding of the diversity of the microbial world. This unit will be the foundation to other third-year level microbiology units such as food, environmental and medical microbiology.</p>	<p>['Explain and describe the cell structure and function of viruses, prokaryotes and eukaryotes and how they differ from one another.', 'Cite examples and describe the role of microorganisms in the fields of medicine, food science and in the environment.', 'Explain how infections can spread and antibiotic resistance can be acquired, and be able to cite examples of important regional pathogens.', 'List and describe requirements for growth and replication of these microorganisms as well as methods for controlling bacterial and viral growth.', 'Perform aseptic techniques and be able to isolate and identify microorganisms using light/phase microscopy and a variety of media and staining procedures.', 'Collect, interpret, and present microbiological data via written practical reports.']</p>
FOR5009	<p>Developing and implementing adult sexual assault services must be founded upon evidence based clinical practice and an understanding of a variety of perspectives. Advanced Issues in Sexual Violence will provide insight into a variety of perspectives of adult sexual assault including local, national and international.</p>	<p>['Recommend actions related to victims of sexual violence in terms of counselling, policing and legal perspectives;', 'Assess sexual violence in a global context;', 'Evaluate issues relating to sexual assault medical service provision, considering theory, models and practice;', 'Identify issues in quality assurance in the provision of sexual assault services;', 'Apply medical and psychological skills in dealing with vicarious trauma prevention and management;', 'Interpret sexual violence research, key issues, data and sources.']</p>

ATS3599	The unit examines the history, politics and society of modern Israel from the early days of the Zionist movement to the beginning of the 21st century. Main topics include the varieties of Zionist ideology and practice, pre-independence Jewish society, the history of Jewish-Arab conflicts, constitutional and legal history of the State of Israel, and the growth of modern Israeli society. We will look at issues of identity, cultural coherence and variety, social divisions along national, ethnic, political and religious lines, Israel's international standing, and the common denominators of Israeli polity and society.	['understand major topics in the political and social history of modern Israel', 'be able to demonstrate skills in analysis of conceptual issues involved in the study of identity, social division and coherence', 'understand Israel's international standing and related issues in Middle East and international politics', 'understand the major ideologies and institutions at work in the development of modern Israeli society', 'be able to discuss and analyse the major social and political facing the State of Israel', 'demonstrate an appreciation of the complexity of Israeli society through analysis of historical, religious, ethnic, national and political determinants.']
ATS1250	The unit introduces students to ideas of social justice and Indigenous rights, focusing on the role of the state and its obligations to the international community, and Aboriginal human and civil rights and self-determination. Students will gain an appreciation of issues of Aboriginal sovereignty, land rights and native title. The unit considers histories of ideas of social justice and their relationship to colonisation in Australia.	['have gained an understanding of the theoretical ideas that have shaped understandings of social justice and Indigenous rights;', 'have gained a broad understanding of particular social justice and human rights issues for Indigenous people, including sovereignty, questions of land and native title, service provision, and the historical treatment of Indigenous people;', 'have developed an ability to reflect on their own relationship to questions of social justice;', 'have developed an ability to critically analyse contemporary public discourse on issues of social justice and human rights;', 'have engaged in assessment which reflects these understandings as well as an awareness of the value of interdisciplinary approaches to a study of this kind.']
MAT9004	Mathematical topics fundamental to computing and statistics including trees and other graphs, counting in combinatorics, principles of elementary probability theory, linear algebra, and fundamental concepts of calculus in one and several variables.	['use trees and graphs to solve problems in computer science;', 'apply counting principles in combinatorics;', 'describe the principles of elementary probability theory, evaluate conditional probabilities and use Bayes' Theorem;', 'demonstrate basic knowledge and skills of linear algebra, including the manipulation of matrices, solution of linear systems, and evaluate and apply determinants;', 'explain fundamental concepts in calculus including basic differentiation and integration, and composite, inverse and parametric functions;', 'perform key skills in the calculus of functions of several variables including the calculation of partial derivatives, find tangent planes and identify stationary points, root findings and convexity for optimisation.']

SWK4401	<p>This unit provides an ecological approach to the understanding of contemporary health and mental health concerns that impact on the individuals and families who come to the attention of social work. The subject incorporates weekly direct practice skills seminars to develop key skills for effective social work practice in the health and mental health fields. Social Work interfaces with a range of clients and practice contexts in community health and mental health, in disability, in drug and alcohol settings, in rural and regional settings.</p>	<p>['identify appropriate competencies for the practice domains that intersect with mental health, including legal and statutory responsibilities;', 'demonstrate key communication and assessment skills necessary for effective practice with a range of clients in diverse health settings;', 'reflect critically on their practice - specifically the integration of theory and practice in challenging client situations;', 'describe specific health problems, recognise the social and psychological components, causes and consequences of ill-health, and have a critical awareness of the socio-economic dimension of health problems;', 'demonstrate knowledge of the practice and policy frameworks that animate health and mental health and consumer services in Australia;', 'articulate the factors that influence health and mental health needs of clients and propose distinct and distinctive responses to these;', 'assess the nature of health and mental health issues and the contributions made by the wide range of professional groups who work with individuals experiencing mental illness;', 'identify key issues and demonstrate skills in working effectively with clients in health and mental health settings;', 'structure and present a report on a substantive health issue.']</p>
ATS3873	<p>This unit examines key philosophical issues and concepts in contemporary applied ethics, focusing on more advanced philosophical discussions in this area. The unit considers issues and concepts in ethical debates about the beginning and the end of life, such as the status of human life, persons, and potential persons, along with acts and omissions, the doctrine of double effect, and personal identity questions raised by advance directives. The unit also investigates conceptual and ethical issues raised by debates about genetic interventions and access to assisted reproduction, such as the nature and moral significance of eugenics, disability, and wrongful life, and notions of parenthood.</p>	<p>['familiarity with key philosophical issues and concepts in contemporary applied ethics', 'skills enabling them to critically analyse contemporary debates in applied ethics which depend on such issues and concepts', 'the ability to make informed judgments about those ethical and conceptual issues.']</p>

LAW4159	<p>The national and international laws applicable to international commercial transactions including the movement of goods, capital and services. The sale of goods and services by parties in one nation-state to parties in another (and the financing of such a contract of sale). The transfer of technology both from and to a nation-state through licensing and franchising. The establishment of foreign-owned means of production abroad through direct foreign investment and international joint ventures. Legal regimes and international treaties that regulate and impact upon international business transactions. The resolution of disputes that may occur in such transactions.</p>	<p>['Apply knowledge and understanding of the various views, including economic theories, concerning the rationale for and objectives of international commercial law with creativity and initiative to new situations for further learning;', 'Investigate, analyse and synthesise complex information, problems, concepts and theories in relation to the legal problems that arise from international business transactions;', 'Conduct research in the content of the main issues that should be addressed when negotiating a contract for the international sale of goods and services, the financing of international transactions, and the transport of goods internationally based on knowledge of appropriate research principles and methods;', 'Use cognitive, technical and creative skills to generate and evaluate at an abstract level complex ideas and concepts relevant to the law dealing with international contracts of sale, including the laws dealing with international payment of goods and the law relating to the contracts of carriage and insurance of goods.']</p>
TAD2214	<p>This unit investigates the visual and theoretical languages of design in relation to a number of key critical issues. It focuses on issues including the engagement of works of design with society, consumerism, gender, politics, and the environment. The role of the designer in responding to aesthetic and social challenges is also considered. Students will continue to develop a range of approaches to understanding works of design and related issues while also refining the broader critical and analytical skills necessary to their disciplines.</p>	<p>['Recognise key works of design and their relationship to critical issues;', 'Demonstrate an understanding of the influence and impact of physical, social and cultural concerns on the role of the designer and the design product;', 'Demonstrate critical and analytical skills in the interpretation and appreciation of works of design;', 'Articulate evaluative responses as to the significance of ideological and cultural forces on the work of design;', 'Appreciate and critique multiple perspectives for the interpretation of design;', 'Understand and be able to apply the rules of occupational health and safety appropriate to the unit of study.']</p>
BEX3600	<p>This unit is a pilot for the capstone unit for the Bachelor of Business Administration and, as such, draws together the learning and experiences gained from previous BBA units. The unit provides students the opportunity to demonstrate being critical and creative scholars and responsible and effective global citizens, and to analyse and provide and communicate multidisciplinary solutions to a current issue in business administration via a team-based approach.</p>	<p>['NA']</p>
ATS1230	<p>This unit aims to consolidate the foundation provided by level 1 Italian in the basic language skills - listening, speaking, reading and writing Italian, and to continue the introduction to contemporary Italian social and political history and culture provided by ATS1221 or its equivalent</p>	<p>['understand, speak and write basic Italian with reference to present, past and future events in a range of everyday situations', 'read elementary but authentic Italian texts', 'understand basic structural aspects of Italian', 'have an enhanced understanding of language learning and communication strategies, and', 'understand key aspects of contemporary Italian culture and society.']</p>

AZA4020	<p>The unit aims to integrate current theories, research methods and specific research topics for journalism students, aimed at developing both critical and analytical skills in their research areas of interest. The unit will concentrate on current debates in journalism and students will examine a variety of topics in line with their research focus which may include social media, digital journalism, journalism and the law, photojournalism in the digital age, the future of feature writing, citizen journalism, political journalism and economic journalism. Students will be active learners through the presentation of seminars and will lead discussions and provide written review of topics that are related to their specific interests. The course delivery will incorporate all lecturers in journalism, who will concentrate on their areas of expertise and interest.</p>	<p>['demonstrate an in depth knowledge of journalism theories in general and applying them to current debates in journalism;','integrate journalism theories into core research interest;','examine and discuss the underlying assumptions that underpin ideas and research in journalism;','identify key areas of study in journalism and explain their relevance in understanding contemporary debates in journalism;','engage in contemporary debate in selected areas of journalism, specifically focusing on the digital age;','develop a broad capacity to conceptualize an explanatory model for an honours dissertation;','critically review the scientific literature relative to a defined research topic.']</p>
LAW4177	<p>This unit gives students an understanding of the fundamental principles and concepts in Family Law. Topics include:</p>	<p>['comprehend and explain the essential concepts and policies underlying the Australian family law system including the broader context in which the system operates.','critically evaluate the challenges and debates surrounding family law including the ethical debates and professional responsibilities facing family lawyers.','identify, analyse and critically comment on disputes between parties to a marriage or parties in a de facto relationship involving issues of property, children and maintenance','demonstrate reasoning skills and professional judgement which generate appropriate responses to complex statutory problems','communicate effectively appropriately and persuasively on issues pertaining to family law.','learn and work autonomously and collaboratively and use feedback to improve their own capabilities and performance.']</p>
LAW4312	<p>The Unit explores legal and ethical dilemmas that arise in medicine and law. A central focus will be considering the principles and regulation of medical practice and allied health professionals under Victorian law; the legal and ethical duties owed by doctors to their patients; consent and refusal of medical treatment; competence and incompetence in law and medicine; medical negligence; abortion and wrongful birth, pregnancy and life claims and active and passive euthanasia. These topics will include consideration of the adult, child and disabled patient. Although the unit focuses on Australian law, such issues will also explore approaches taken in overseas jurisdictions.</p>	<p>['Identify and articulate the principles and concepts governing the medical profession and healthcare setting and the ethical and policy issues raised by medical law;','Critically assess claims in relation to medical negligence and new and novel claims that have arisen in medical law;','Apply skills to review, analyse, consolidate and synthesis the above knowledge to identify and provide solutions to complex problems arising out of the practice or development of, or activities pertaining to medical law;','Demonstrate legal research and reasoning skills in approaching complex legal problems and the ability to articulate and evaluate policy considerations in response to difficult dilemmas and areas that may require legal reform;','Communicate effectively, appropriately and persuasively on issues pertaining to medical law; and','Learn and work autonomously and make use of feedback to assess their own capabilities and performance and to support personal and professional development.']</p>

ATS3314	<p>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.</p>	<p>[‘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.’]</p>
NUR5003	<p>This unit builds upon NUR5002 Contemporary Nursing Practice 2.</p>	<p>[‘Analyse the concepts of mental health and mental illness with reference to historical and contemporary classification systems.’, ‘Explain the implications of the Victorian Mental Health Act (2014) for nursing practice in line with recovery oriented practice.’, ‘Communicate effectively with people who are experiencing disturbances of thoughts, feelings and behaviour and accurately conduct a mental status assessment and a risk assessment to help inform patient care.’, ‘Critically analyse the roles and functions of the members of the multidisciplinary mental health team and how the roles work to ensure patients are treated appropriately.’, ‘Evaluate a range of mental disorders in the context of aetiological factors, epidemiology, and clinical manifestations and recommend appropriate mental health nursing care.’, ‘Compare and contrast a range of psychotherapeutic interventions and therapeutic modalities utilised in mental health treatment and care.’, ‘Explore the impact of ageing and chronic and life-limiting illness on clients, families and carers including the perspectives of challenges to autonomy, protection of patients, and quality of life in order to provide optimal, holistic nursing care.’, ‘Discriminate between health assessment, health promotion, supportive and palliative approaches for people with chronic and life limiting illness to provide appropriate evidence based nursing interventions.’, ‘Critically examine how the different roles of members in interprofessional teams, work together to provide expert care for people with chronic and/or life limiting illness in different health care environments.’, ‘Practice at a beginning level in mental health and community health settings in accordance with NMBA Registered Nurse standards for practice and other professional standards’]</p>

BEX6500	<p>This unit provides an introduction to probability theory and statistical inference for graduate studies in econometrics and business statistics and related fields. It is intended to prepare research students for a range of other units in econometrics and business statistics. The first part will cover basic probability theory and the second half will be concerned with aspects of statistical inference. Some prior exposure to the topics to at least the advanced undergraduate level will be assumed. This unit is designed for PhD students who intend to write a thesis in econometrics or business statistics. It is not intended for PhD students in other disciplines who need to learn some basic quantitative techniques for the empirical section of their dissertations, although students from other departments who are interested in more advanced methods may wish to take this unit</p>	<p>['ensure that students have the necessary familiarity with the essentials of probability theory and statistical inference to be able to read graduate level books and journal articles in econometrics and business statistics', 'minimise rote learning and to encourage students to provide justification to econometric and statistical ideas and to derive results from first principles. To this end, students need to know the basic definitions, concepts and the chain of arguments on which the econometric and statistical theory is built.']</p>
ATS3829	<p>The unit examines musical, aesthetic, social and ritual concepts and practices as expressed in the musical life of the Chinese, Japanese and Korean cultures, with particular reference to selected performances of music and dance and the relationships between music and the related arts.</p>	<p>['Demonstrate select knowledge of the history and styles of the music cultures of China, Korea, and Japan;', 'Critically evaluate and analyse music theory, terminology and performance techniques in the three aforementioned cultures and how they reflect local socio/cultural patterns and values.']</p>
AMU3499	<p>This unit explores the various twentieth century theories on authorship and their relationship to the practices of reading. Topics range from the Romantic notion of authorship, to the authorship of autobiographies and films.</p>	<p>['Be able to critically evaluate the range of practices employed in authorial criticism;', 'Understand how theories of authorship have changed in the movement from Romanticism to structuralism;', 'Comprehend the difference between the subject writing and the empirical author;', 'Have a working knowledge of the relationship between film style and authorial expression;', 'Be able to identify the key features of auteur theory and understand how it is used as a means of classification in film theory.']</p>
AZA2495	<p>The unit is a continuation of first year psychology topics in the field of social psychology. The main focus is on social schemas, social attribution, theories of attitude change, group psychology, aggression, interpersonal attraction and affiliation, sex roles, oppression, empowerment and diversity. The laboratory program complements the lecture series, and provides further training in research techniques, report writing, oral presentations and teamwork.</p>	<p>['Describe the key approaches, concepts and terms in social/community psychology.', 'Discuss the role of social and community psychology both in the global and in the South African context.', 'Relate the different levels and models of intervention used in community psychology.', 'Value the historical forces that have shaped community psychology.', 'Appraise some of the key studies and constructs in social/community psychology.']</p>

PGP5021	<p>Foundation Practice 1 is undertaken during a period of supervised practice in the pharmacy internship year. The internship year is designed to provide intern pharmacists the opportunity to develop their competence to practice as independent pharmacists. As part of this unit, the intern will work in a Monash Credentialed Workplace, be supervised by a Monash Credentialed Pharmacy Clinical Educator and work through Monash Credentialed Workplace Learning. A Workplace Learning Plan, developed by the intern's clinical educator with guidance and input from the unit coordinator, will be used to guide and assess workplace activities undertaken during supervised practice. Liaison visits by University staff to meet with the intern and clinical educator will provide opportunities to review progress towards meeting learning outcomes, and to facilitate the integration of theory and practice.</p>	<p>['Demonstrate progress towards an ability to practice pharmacy in accordance with current National Competency Standards for Pharmacists in Australia.', 'Demonstrate progress towards an ability to meet personal learning needs through critical reflection of gaps in skills and knowledge.', 'Use evidence based methods to enhance knowledge of a disease, medication or research question.', 'Demonstrate development of professional skills associated with being a pharmacist.']</p>
BEX3550	<p>This unit is designed to provide students with the opportunity to put theory into practice in a business environment.</p>	<p>['compare and contrast theory and practice', 'apply theory to practice in a supervised environment', 'evaluate personal learning and personal development in a complex business environment', 'analyse complex business problems and to prepare and present innovative solutions.']</p>

MAP5105	<p>This unit has been created in collaboration with the Alfred Emergency and Trauma Centre for students seeking credit from studies in Emergency and Trauma Evidence Based Medicine; Emergency and Trauma Research Methods; Emergency and Trauma Clinical Leadership and Management and Trauma Theory and Practice.</p>	<p>['Understand the benefits and limitations of evidence based medicine', 'Perform a comprehensive search of the medical literature', 'Describe quantitative techniques for data collection and basic analysis for reporting data', 'Critically appraise studies of therapy, harm, diagnosis and prognosis', 'Interpret information generated by systematic reviews\n\nEmergency and Trauma Research Methods', 'Create a research question amenable to rigorous scientific investigation', 'Design a research protocol', 'Justify the selection of the research methodology', 'Identify ethical issues related to the proposed study', 'Transform information gathered as part of the proposed study into usable data for scientific analysis\n\nEmergency and Trauma Clinical Leadership and Management', 'Implement a robust and defensible approach to clinical leadership in the emergency and trauma context;', 'Apply a critically reflective approach towards the management of human resources' issues in the emergency and trauma context;', 'Positively influence key stakeholders within the emergency and trauma context', 'Critically evaluate quality improvement measures in the emergency and trauma context', 'Apply high-level analytical and leadership skills in relation to the implementation of a range of health care projects of relevance to the emergency and trauma context ;\n\nTrauma Theory and Practice', 'Implement specialist medical diagnostic skills during the assessment and management of trauma patients', 'Apply specialist trauma medical knowledge and skills to the resuscitation of the critically injured trauma patient', 'Critically apply an evidence-based approach towards the implementation of medical procedural and technical skills required in the trauma setting', 'Integrate trauma medical theory with practical experience across a range of patient cases and situations', 'Apply a critically reflective approach towards the management of trauma patients']</p>
GRS4103	<p>This unit will examine all aspects of human pregnancy from implantation to the puerperium. Students will develop an in-depth understanding of implantation and placentation, the fetus and pathophysiological changes within the mother.</p>	<p>['Explain the pathophysiology of human pregnancy from both maternal and fetal perspectives', 'Explain the processes regulating implantation and placental development and function.', 'Describe fetal growth, development and the prenatal diagnosis of fetal abnormality', 'Outline neonatal and maternal adaptation in the context of pregnancy', 'Outline the regulation of parturition']</p>

FIT3142	<p>Modern computer systems rely increasingly on distributed computing mechanisms, implemented often as clusters, web services, grids and clouds. Distributed computing systems can provide seamless (or web-like) access to a variety of networked resources, e.g. processing cores, large data stores and information repositories, expensive instruments, high-speed links, sensor networks, and multimedia services for a wide range of applications. This unit provides foundation knowledge and understanding of the basic mechanisms required to implement distributed computing systems, especially clouds, grids, web services and clusters. Topics covered include: Introduction to parallel and distributed computing mechanisms, concurrency and synchronisation, monitors, deadlocks, concurrent program analysis, computational and service-oriented grids, clusters and clouds. Distributed applications, and their performance and reliability in relation to processor and network performance constraints.</p>	<p>['analyse and evaluate interprocess communications in networks, and associated programming interfaces;', 'analyse and evaluate remote procedure call and remote object request broker mechanisms in distributed systems;', 'analyse and model basic problems in distributed computing, especially in relation to concurrency, parallelism, synchronisation, deadlocks, and safety properties;', 'analyse and evaluate differences between various distributed computing models and widely used distributed computing schemes;', 'analyse, evaluate and model basic functional and performance concepts in distributed systems and identify frequent causes of performance problems in distributed applications;', 'analyse and model basic software and hardware reliability problems in distributed systems and identify frequent causes of reliability problems in distributed applications;', 'analyse and evaluate some of the enabling technologies e.g. high-speed links, for building computer clusters, distributed storage systems, grids and clouds;', 'analyse and evaluate the operating principles of the cloud computing, grid computing, clustering, and web services middleware used to implement large distributed systems, including basic security mechanisms;', 'analyse and model in application scalability in distributed systems, and criteria for porting applications to distributed systems;', 'implement programs using common distributed computing programming interfaces, including sockets, and some higher level APIs.']</p>
FIT4042	<p>Students are on placement full time in a defined, graduate level role during a 22-week placement period at established partners of the Faculty of IT industry based learning program including major global companies, leading Australian companies and worldwide consultancies. The students on placement apply the knowledge, skills and practices of professional attitudes and behaviour developed in their academic units. They develop communication, time management, self-reflection and customer service skills in business situations, experience and participate professionally in the corporate environment and obtain feedback from experienced supervisors on their performance.</p>	<p>['set achievable and measurable goals;', 'identify useful theoretical knowledge that has been covered in prior coursework and knowledge that has not yet been covered;', 'develop and practice professional skills and attitudes including: initiative, communication, time-management and teamwork skills in a business environment;', 'develop solutions to business problems using information technology and other techniques;', 'prepare documentation and written reports of a professional standard;', 'address performance improvement opportunities identified by industry supervisors and self-assess opportunities for personal development;', 'develop information technology skills (such as business process modelling, performance enhancement of installed software, updating current software and developing new software) in a complex, corporate business environment;', 'apply engineering synthesis and design processes in a business and information technology environment;', 'evaluate and critique the engineering approaches undertaken during the conduct and management of the projects.']</p>

NUT3006	<p>This unit aims to explore the sustainability of the food supply and its impact on health. Students will learn about the components of the food supply system (from paddock to plate) and the factors, including economic, social, political and environmental that drive and influence the food system. Students will compare and contrast the agricultural, retail and consumption differences between an industrial and a local food system. Exposure to several programs and initiatives which aim to mitigate the environmental effects of food production and create a more sustainable food supply with support learning. The impact of environmental challenges, such as climate change, drought and salinity, and the impact of national policy decisions on the food system will be explored. Students will be exposed to the views of the food industry, economists and public health experts on food sustainability and explore their own food intake patterns and its impact on the environment.</p>	<p>['Explain the Australian food system and critically evaluate the influences on this system.', 'Compare and contrast social, economic and environmental differences between an industrial and local food system.', 'Evaluate the impact of population and individual nutrition and health messages on the food supply.', 'Describe the impact of food waste and discuss strategies to minimise food waste in food service and household settings.', 'Evaluate the political, economic, health and environmental drivers impacting on the international food system.', 'Explore opportunities for beneficial social, environmental and nutritional change to the Australian food supply.']</p>
BEX3728	<p>This unit requires students to examine a broad range of social, cultural, legal and political issues that can impact on the strategy and operations of businesses operating in a global business environment. Through the use of readings, case studies, and an analysis of current events students are confronted with some specific challenges of doing business in a global context. This unit focuses on developing skills, addressing various global issues and how they affect business, as well as aspects of global citizenship, cultural sensitivity and effective teamwork.</p>	<p>['recognise issues affecting businesses operating in a global context', 'develop and present strategic responses to specific issues affecting businesses operating in a global context with due consideration to sustainable, responsible and ethical business practices', 'acquire team skills including team leadership, collaboration, problem-solving, decision-making, communication and presentation skills', 'develop reflective practice skills in relation to individual learning.']</p>
BEX5010	<p>This unit provides students with an understanding of the issues underlying the conducting of rigorous and theoretically correct and practically relevant qualitative business related research. Students will be introduced to ways of using different research methods within qualitative research, such as case study research, interviewing, naturalistic observation and text analysis.</p>	<p>['acquire the necessary skills to conduct high quality independent qualitative research related to business administration', 'acquire a comprehensive grounding in a number of qualitative research methods applicable in different business environments', 'understand how to collect qualitative data using a variety of research techniques', 'design probability and non-probability samples for conducting qualitative research', 'analyse and evaluate qualitative data.']</p>