Title	Synopsis	Outcomes
ATS3732	The unit provides a unique experience for students to begin the pathway to Honours study. It is designed to prepare students who have majored in -Communications to engage more deeply in research and further develop the research and conceptual skills required for study at Honours level. Unit assessment provides students with the opportunity to undertake in-depth research in a topic or debate of their choice.	['effectively communicate scholarly research on the social effects of media to non-scholarly audiences;', 'plan and execute original projects on the social impact of media;', 'use data to demonstrate the social impact of media, using appropriate data analysis software.']
LAW4155	This unit is a general introduction to international human rights law. It is concerned with human rights standards as they exist in international law and the international mechanisms for enforcing these standards. The unit will consider a selection of specific human rights, limitations to human rights (e.g. derogation in time of emergency) and some major contemporary international human rights issues.	['Analyse international human rights standards and evaluate mechanisms designed to enforce human rights at the international/regional level;', 'Explain and critically discuss the content of various human rights, such content being identified, inter alia, by reference to the case law of the UN treaty monitoring committees and regional human rights courts;', 'Critically evaluate some of the philosophical bases of and problems with international human rights law in light of contemporary human rights issues; and', 'Communicate effectively about human rights issues.']
BEX5410	This unit introduces students to both foundational and methodological aspects of Bayesian econometrics. Topics covered include a review of the philosophical and probabilistic foundations of Bayesian inference; the contrast between the Bayesian and frequentist (or classical) statistical paradigms; the use of prior information via the specification of objective, Jeffreys and subjective prior distributions; Bayesian linear regression; the use of simulation techniques in Bayesian inference, including Markov chain Monte Carlo algorithms; Bayesian analysis of Gaussian and non-Gaussian time series econometric models, including state space models; and the Kalman filter as a Bayesian updating rule.	['appreciate the importance of Bayesian statistical techniques in econometric research and understand the differences between the Bayesian and frequentist statistical paradigms', 'acquire the skills necessary to derive Bayesian results analytically, in simple models', 'demonstrate an understanding of simulation methods and be able to implement these methods in empirically realistic econometric models', 'understand the Kalman filter and its role in Bayesian inference in linear time series models.']
ACW2851	The objective of this unit is two-fold. First, the unit provides students with a broad introduction to accounting information systems and the role technology plays in accounting. The focus will be on an introduction to: enterprise systems; database management; documentation methods; internal controls; and the core business processes found in organisations. Second, the unit focuses on corporate modelling theory; models as decision support tools; types and uses of models; benefits and limitations of models; effective spreadsheet design; auditing spreadsheet models and development of various models using an industry standard spreadsheet.	['examine the role of accounting information systems in analysing and providing decision support to managers', 'explain the design of accounting information systems and financial models', 'develop financial models to assist in decision making', 'apply critical thinking, problem solving and presentation skills to individual and / or group activities dealing with accounting information systems and demonstrate in an individual summative assessment task the acquisition of a comprehensive understanding of the topics covered by ACW2851.']

MTE4598	This unit will reveal how electron microscopy can be used to determine the structure and chemistry of a material from the micron to the atomic scale. It will cover methods for the determination of atomic structure, chemical composition and bonding, 3D structures, surface morphology and topography, orientation-relationships and electronic and magnetic structures. These methods will be illustrated with applications, for example, to nanomaterials, alloys, ceramics, catalysts, polymers and electronic materials. The course will cover the theory, methodology and application of both scanning and transmission electron microscopy and will incorporate practical sessions in front of electron microscopes.	['have a thorough understanding of the methods, capabilities and applications of electron microscopy for the characterization of advanced materials.', 'understand the principles and theory of electron microscopy and be able to understand and interpret elementary electron micrographs and spectroscopy data to reveal the structure of a material.', 'be able to recognize and identify the most appropriate electron microscopy method to characterize different types of materials and materials features.', 'be familiar with advanced techniques and the information that can be provided about materials such as nanomaterials, nanocomposites, alloys, ceramics, catalysts, polymers, glasses and electronic materials.', 'should have improved skills in team work, understanding the literature, completing tasks as part of a team, and also obtain improved oral and written communication skills.']
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.']
BMS5002	This unit is designed to allow students to gain the laboratory techniques and research skills in biomedical sciences at the level of tissues, organs and systems, to develop their capacity for independent research within laboratories in the biomedical and health sciences.	['Proficiently perform biomedical techniques for study at the level of tissues, organs and systems, and conduct research methods applicable to biology, biotechnology and biomedical science.', 'Explain the basis of the scientific method from building a hypothesis, to the importance of testing scientific ideas through experimental methods and the need in science to gain experimental evidence to test a hypothesis.', 'Independently design appropriate experimental protocols for use in biomedical research - at the level of tissues, organs and systems, by evaluating the advantages and disadvantages of different techniques for measurement and collection of data.', 'Apply scientific concepts (such as controls, replication, reductionist and expansionist approaches, sources of error and error minimisation), and research ethics and integrity to scientific data collection and analysis.', 'Critically analyse and organise research data and methodology, applying appropriate research methods to study design, collection and analysis of data at the level of tissues, organs and systems in the biomedical sciences.', 'Work effectively in a collaborative environment as part of a team in a laboratory setting to address scientific questions.']

PAR5470	This unit involves the student operating demonstrating competency as a novice intensive care paramedic based in their local clinical environment and under the direct supervision or mentorship of a suitably qualified and experienced clinical teacher. The student will be supported to develop the skills, attributes and justified decision-making capabilities of a safe and competent novice intensive care paramedic.	['Reflect on their own clinical experience and identify and arrange suitable learning experiences to maintain ongoing clinical development as a result of the clinical experience in the field;', 'Demonstrate the development of clinical, professional and leadership capabilities from novice to a safe and clinically competent Intensive Care Paramedic;', 'Formulate a response to real life emergency problems from the initiation of emergency medical services; to assimilate information quickly and to communicate it clearly and unambiguously;', 'Apply theoretical knowledge and clinical skills to the emergency management of a broad range of cardiac conditions, medical conditions, trauma and environmental conditions in the adult and paediatric patient using an appropriate intensive care paramedic clinical problem solving and clinical decision making model;', 'Construct a culturally sensitive approach to the recognition and management of the reactions of patients and family to acute illness or injury;', "Reflect upon the operational and clinical aspects of intensive care paramedicine in the student's clinical context."]
FIT3181	Modern machine learning provides core underlying theory and techniques to data science and artificial intelligence. This unit is for students to develop practical knowledge of modern machine learning and deep learning and how they can be used in real-world settings such as image recognition or text clustering via neural embeddings. Learning activities will focus on designing machine learning systems, a broad landscape of supervised and unsupervised learning methods with a focus on modern deep learning knowledge for data analytics including deep neural networks, representation learning and embedding methods, and deep models used for time-series data which are rapidly used in science and industry.	['Evaluate the life cycle of a machine leaning system, what is involved in designing such systems and strategy to maintain them.', 'Assess what deep learning (DL) is, what makes DL work or fail, and critique where they should be applied.', 'Construct and apply deep neural networks, deep generative models and different optimization strategies for training them.', 'Develop unsupervised feature learning models and representation learning models.']
ACF5100	In today's business environment the accountant engages with the organisation's senior managers and contributes to strategy formulation and implementation. This unit focuses on the concepts and techniques of business strategy formulation and how management accounting information systems act as a corporate control system providing information for strategic decisions.	['demonstrate how management accounting systems can be designed to support strategy', 'critically evaluate strategic management accounting concepts and techniques', 'apply management accounting techniques to strategic business decisions', 'analyse and make recommendations regarding the design of performance measurement systems and strategic management accounting systems', 'apply critical thinking, problem solving and presentation skills to individual and/or group activities dealing with advanced strategic management accounting and demonstrate in an individual summative assessment task the acquisition of comprehensive understanding of the topics covered by ACF5100.']

ATS3539	From kung fu and martial arts cinema to internationally-award winning art films, Asian cinema has attracted popular and critical attention from audiences around the world. This unit will provide methods and frameworks for exploring the unique films and television being produced from Asia, beginning with an outline of national industries and contexts and moving to a discussion of regional and international audiences for Asian film and television. Specific attention will be paid to transnational Chinese cinemas (from China, Taiwan and Hong Kong) - both in their popular and art forms - and to the cinemas of South East Asia. The unit will also consider more recent pan-Asian productions and diasporic cinemas including Asian Australian cinema. An analysis of television dramas and reality TV formats in Asia will allow us to consider changing audience tastes and consumption practices.	['An ability to discuss particular examples of Asian Cinema and Television texts in ways that show some understanding of generic considerations, cultural differences and historical specificity;', 'A general theoretical awareness of the problematic of cross cultural readings;', 'Some understanding of how cinema has developed across national and transnational film industries in different parts of the world.']
AHT3109	A 'survey' of visual arts in Australia from colonisation to contemporary contexts. Historical and social perspectives in the development of painting, sculpture, printmaking, photography and film, architecture and design. Representation and subjectivity, cultural identity, nationalism and nationhood, ethnicity and gender. Issues of mainstream and marginality; notions of the 'centre' and regionalism, Australia's relationship to Europe and European art generally, and the notion of landscape as a shaper of national identity.	['Recognise the range of visual practices that have operated within Australian culture from both an historical and contemporary perspective;', 'Understand the significance and ideological uses of Australian visual practices in constructing notions of national identity;', 'Have a post-colonial perspective in contextualizing the historical and social developments of Australian visual culture;', 'Critically discuss the cultural practices of Australian artists and designers, in historical, artistic, ideological and socio-political contexts, and theorise the basis for the marginalisation of certain individuals and groups;', "Be aware of the problematical nature of Australian artistic practices especially in terms of the local artist/designer's position within both regional and international contexts."]
VCO3403	Building upon the skills and knowledge acquired in VCO2402 or CDS1002, students undertake hypothetical briefs interspersed with actual briefs from advertising representatives. These projects involve press, print, signage and television applications. In addition to facilitating the development of individual skills and advertising abilities, the projects also assist students' to develop as a vital and contributing member of a creative team. Collaborative projects, tours and seminars provide students with the opportunity to engage productively with the advertising industry.	['Demonstrate competence in conceptualising, visualising, copy writing and art direction in the context of advertising;', 'Understand and implement research analysis, problem solving, creative teamwork and brief compliance understand the roles and responsibilities of advertising in society as well as the operations and creative structures of advertising agencies;', 'Possess reasoned opinions concerning the ethical calibre of a wide range of historical and contemporary examples of advertising;', 'Be able to defend - on moral, economic and ecological grounds - the kind of advertising which they are attempting.']

ATS2959	The unit will introduce students to a number of basic conceptual and practical issues in Chinese translation studies. It is aimed at improving students' intercultural and inter-lingual communication skills through various translation projects and critical reading of a range of different representations of Chinese translation works. The integration of classroom teaching and translation projects will encourage students to apply the basic translation skills they learn in the classroom to translation practice. Small group discussion encourages students to discuss some common conceptual and practical issues of translation among themselves.	['to have acquired a basic understanding of theoretical and practical issues in modern Chinese translation practice and studies;', 'to be familiar with some important techniques of translation between Chinese and English;', 'to have improved their intercultural communication skills between the two languages.']
BFX4120	This unit will examine empirical research in asset pricing and investments. It will develop students knowledge and ability to apply empirical techniques to conduct research in asset pricing and investments.	['critically analyse research papers examining current issues in asset pricing and investments', 'critically evaluate research methodologies applicable to empirical finance research', 'demonstrate an ability to conduct research in asset pricing and investments', 'apply critical thinking, problem solving and presentation skills in individual and/or group activities dealing with issues in investment and demonstrate in an individual summative assessment tasks the acquisition of a comprehensive understanding of the topics covered by BFX4120.']
BMS5013	This unit provides training in Experimental design and statistics, Critical thinking, and Research ethics and integrity, to give students the opportunity to develop skills core to the conduct of biomedical research.	['Effectively communicate the basis of designing an experimental model to test a scientific hypothesis from building a hypothesis, to testing the ideas through experimental methods;', 'Describe the different forms of statistical methods and analyses used in biomedical sciences and appraise the appropriate method to be applied to interpret different types of data;', 'Identify and evaluate the different types of research designs used in the biomedical sciences, and justify the use of specific research designs to address specific research questions', 'Analyse the ethical principles that inform the formulation of a scientific research question and the conduct of research to address that question', 'Review and articulate the ethical framework that governs the conduct of science, in particular in regards to academic and research integrity.', 'Analyse and effectively communicate, in written and oral formats, complex research integrity concepts relevant to the conduct of human and animal experimentation.']
MEC4446	Specific modulus and specific strength; 3D stress and 3D strain tensors; anisotropic elasticity; composite lamina and composite laminate; hygrothermal strain and hygrothermal stress analysis of composite structures; failure theories for a composite lamina; micromechanical analysis of a composite lamina; classical lamination theory for composite laminate, failure analysis of composite laminates, design of composite laminates, finite element analysis of composite materials and structures.	['Describe the application of composite materials in modern industries and explain the advantages of applying composite materials in structures.', 'Identify the stress-strain relationships for anisotropic materials.', 'Analyse the strength and stiffness of composite laminate structures.', 'Design composite laminates to meet strength, stiffness and cost requirements.', 'Generate finite element analysis on anisotropic materials and composite laminate structures.']

MED5100	This unit indicates the honours grade obtained by a student on completion of the five years of the MBBS degree. Students are not eligible for honours if they take more than five years (not including intermitted years) to complete the course. The grade is derived from a formula approved by faculty board as outlined below.	['NA']
NUR5705	This unit builds on the skills and knowledge of the Registered Nurse working in a perioperative specialisation.	['Demonstrate an understanding of the principles of microbiology and asepsis in the context of safe perioperative specialty practice.', 'Evaluate patient assessment findings to plan and implement pre, intra and postoperative care.', 'Apply the principles of person centred care to the patient journey in specialty practice.', 'Analyse the role of regulatory standards and codes of practice in the provision of safe quality driven perioperative care.', 'Evaluate the impact of evidence based practice and technological advances on patient care and safety in the perioperative context.', 'Describe the principles used to prioritise care and manage the deteriorating surgical patient.']
ATS3137	In this unit students present a recital in which they must demonstrate advanced performance skills by studying repertoire drawn from the literature of the student's principal instrument or voice. The choice of repertoire presented should be of greater complexity and difficulty than that studied in ATS3136 Performance 5.	['Utilise advanced instrumental/vocal technique.', 'Perform recital repertoire with extended control of rhythm, accuracy, articulation, tone quality and intonation (if applicable).', "Prepare specifically chosen works drawn from the literature of the students' instrument/voice demonstrating knowledge of an extended relevant repertoire, including a work by a female composer and a work by an Australian composer.", 'Demonstrate musicianship with sophistication of phrasing, dynamic control and general expression.', 'Perform effectively in a chosen/approved ensemble and show performance practice awareness.', 'Demonstrate perceptive music listening skills and informed peer reviewing skills through verbal critiques.']
BEW3555	This is an interdisciplinary capstone unit for the Bachelor of Business and Commerce program. It aims to help students integrate the diverse discipline knowledge they acquired in prior studies, deepen their understanding of topical issues related to regional or global business, and apply their learning to solve real business problems. Students will identify innovative solutions to those problems from a total organisation perspective. In the process, they will learn how to synthesise principles and theories from different business disciplines, and apply a variety of skills including critical inquiry, problem solving, communication and teamwork.	['critically evaluate real-life business practices and issues by integrating multiple perspectives and approaches, and identify innovative solutions to the associated business problems', 'synthesise knowledge from multiple disciplines and identify solutions to a range of business problems', 'articulate and present their ideas in a succinct and convincing manner.']
BFB1001	As a foundation, this unit introduces students to the concepts of finance, financial mathematics, investment analysis, the financial system, risk management and the relationship of finances to other commercial disciplines.	['demonstrate an introductory understanding to the concepts of finance in preparation for additional study in the discipline', 'describe the foundation concepts of finance', 'relate the concepts of finance to other commercial disciplines.']

AMU2146	How is the rise of the internet and digital media affecting the nature of screen culture?. New digital technologies are shaping production methods and creating new ways for audiences to engage with moving images] while cinema and television continue to be popular, screen content is increasingly being consumed on computers, tablets and mobile phones. This unit explores these developments through the analysis of a variety of screen content, ranging from television shows to online videos. It examines the technological, industrial and economic contexts of digital screen culture, the creation of new styles, genres and approaches to narrative, and the emergence of new participatory audiences and modes of spectatorship. The social and ideological significance of these developments is also explored through case studies that focus on representational issues, global and local examples, and the new forms of celebrity that are emerging as a result of these changes.	['describe and explain the main features that distinguish digital screen media from earlier types of screen production;', 'identify and describe the different genres of digital screen media;', 'apply theoretical frameworks to explain the historical, textual and critical significance of digital screen technologies;', 'critically evaluate scholarly perspectives of the impact of digital screens on moving image aesthetics, the media industries and society;', 'formulate and structure a logical and coherent argument that is well supported by relevant evidence.']
ATS3322	The unit is primarily based at students who are aiming for a career as a prison officer. Field visits to prisons, both low and high security facilities, will be undertaken, and the day-to-day challenges faced by prison staff will be discussed and reflected upon. The unit is inherently comparative, drawing on the Nordic exceptionalism thesis, and engages with a range of key issues around modern prison practice, such as design, security model, staff training, prisoners with cognitive disabilities, and terrorist suspects. It aims to identify best practice in a challenging and changing environment.	['understand the influence of culture, politics, and history on contemporary prison practice;', 'critically reflect on their own practice, and maintain an awareness of the impact their actions have on prisoners and other staff;', 'ability to read and understand relevant research, and implement such new knowledge in their practice and leadership roles;', 'have clear understanding of how to work effectively with challenging prisoner groups.']
BFM5959	This unit provides an introduction to terminology, concepts and techniques used in accounting and finance. Important areas to be discussed include understanding financial statements, basic analysis of financial statements, working capital management, the framework of capital budgeting, and time value of money. International issues in accounting will also be examined. The emphasis will be on decision making and value creation in a global environment.	['develop an understanding of the nature and roles of accounting and finance in managing in a global environment', 'explore the process of value management in a global world', 'develop competencies and computational skills required to prepare and evaluate the strategies and tactics associated with value creation', 'develop an appreciation for the relevance of theory and its linkage with practice', 'apply critical thinking, problem solving and presentation skills to individual and/or group activities dealing with principles of accounting and finance and demonstrate in an individual summative assessment task the acquisition of a comprehensive understanding of the topics covered in the unit.']

EAE3022	Groundwater is a critical resource and an essential component of the natural environment. This unit addresses groundwater flow and the hydrological cycle, groundwater chemistry and the origins of solutes in water, use of isotopic tracers to understand hydrological processes, the interaction between groundwater and surface water, groundwater as a resource, and contamination of groundwater. These topics are essential for understanding and managing groundwater and surface water resources and for environmental management.	['Describe the physical movement of water within the hydrological cycle;', 'Determine the origins of solutes in water and how solute chemistry informs our understanding of hydrological processes;', 'Discuss concepts of groundwater residence times and how these impact on the sustainable management of water resources;', 'Explain the role of groundwater in maintaining river flows and sustaining ecosystems;', 'Indicate the main threats to groundwater, including pollution, pumping, and climate or land use change and also be able to identify management and mitigation strategies.', 'Interpret and integrate hydrological data.']
MMT5004	This unit is an extension of the minor thesis unit enrolled in to gain extra time to complete minor thesis work.	['NA']
PGP5021	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.	['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.']
MEC5888	This unit examines the thermodynamics of renewable energy systems (principally solar, wind, tidal, hydro, biomass and variants of these); their efficiency; the design of such systems and their selection for differing environments around the globe; reliability of the energy source; trends in renewable energy systems; and the associated environmental and economic factors. The unit also examines the regulatory environment as a predictor for the uptake of renewable energy systems.	['Analyse and compare the efficiencies of current and research renewable energy systems', 'Design a renewable energy system for different sites in Australia and around the world based on renewable energy resource maps and predict the energy output from the system.', 'Predict the trends in development and deployment of renewable energy systems in terms of the regulatory, economic, and social environment.', 'Engage in regular self-assessment and peer-assessment of individual and team performance as a primary means of tracking continuing professional development.']

ATS3257	In this unit students will examine a number of issues central to the socio-political, economic and cultural situation of Cuba, since the declaration of the Special Period (1990) until the present day. These issues will include: the socio-economic crisis; economic reform; relations with the United States; political dissidence; jineterismo; the resurgence of racism; Cuban music; religion; homosexuality; and literature. A multidisciplinary approach will be used, drawing from disciplines such as literary studies, history and sociology.	['explain the contemporary Cuban context;', 'analyse the historical background that shaped the Revolution, the policies implemented after the collapse of the Soviet Union, and the social impact of such policies;', 'utilise research skills to communicate key issues/challenges in the region;', 'collaborate with others, demonstrating intercultural competence.']
ATS3611	The unit explores the ways God is imagined in a variety of religious and mystical traditions, focusing on Christian mysticism (early and medieval), classical Sufism (Islam), mystical currents within Judaism (rabbinic and Kabbalistic), as well as the transformations of mysticism in the post-enlightenment and secular world. It will consider how mystical literature and teaching relates to religious practice, its social/political function within any religion, and the extent to which it may challenge religious authority, while also drawing its discourse from a religious tradition. There will be opportunity to consider mysticism outside as well as within monotheist tradition. It thus raises questions about the nature of mysticism in its various forms, and its relationship to both rational and poetic thought.	['Demonstrate awareness of the major theoretical issues relating to mystical literature within a variety of religious traditions.', 'Demonstrate awareness of the developments of mystical teaching in Judaism, Christianity and Islam, with particular attention to mysticism in medieval Christianity, Sufism, and Kabbalah in Judaism.', 'Show understanding of the relationship between mystical literature and the religious tradition from which it emanates.', 'Consider the historical context in which mystical teaching has emerged, and what social and political function it may play within a religious tradition.', 'Demonstrate awareness of the major theoretical debates raised by the phenomenon of mysticism, and the question of whether or not it involves experiences common to different religious traditions.']
MKW3444	The unit covers environmental factors affecting international marketing, the field of international business, international marketing research and marketing decisions, entry strategies, marketing planning, controlling and strategy for international business.	['analyse and evaluate how a range of international marketing environmental factors impact on selection of a foreign market', 'develop, analyse, justify and evaluate market entry and longer term foreign marketing operation plans for a chosen market', 'understand how current issues, trends and contingencies in global environment impact on marketing programs', 'identify and evaluate how a range of specialised, localised and specific issues might impact upon business activity in a foreign market segment', 'utilise critical thinking and applied learning skills to develop an international marketing orientation in a chosen market context.']
BTF5841	The unit aims to develop knowledge and skills relating to the legal principles which underpin contemporary human resource management issues. It includes consideration of such matters as recruitment and selection, contract of employment issues, performance appraisal, equal opportunity and anti-discrimination, termination of employment, remuneration, rewards and employee benefits, employee health and safety and related HRM issues. The unit takes a practical approach to these matters and focuses specifically on practical case studies and decisions of the Courts and Tribunals.	['identify a wide range of legal issues affecting the human resources practitioner', 'illustrate the practical implications of the law in the area of human resources management by identifying emerging issues in the media, the workplace and the case law', 'apply the legal principles from relevant cases to hypothetical scenarios involving human resources management issues', "evaluate the principles underlying employment laws and assess the law's impact on the employment relationship."]

ATS3852	In this unit, students will identify an issue of interest to them drawn from their undergraduate studies in Behavioural studies, Sociology and/or Gender Studies. Using this topic, students will undertake an extensive review of the relevant academic literature and complete an independent research exercise exploring this topic. This research will be supervised by the Unit Coordinator with input from other staff as appropriate.	['Developed extensive knowledge of a significant issue in contemporary social sciences;', 'Engaged with a variety of critical and theoretical debates about this issue;', 'Developed the ability to critically evaluate the extant literature about this issue;', 'Knowledge of a range of methodological approaches that have been used to examine this issue;', 'Developed the ability to communicate in both oral and written formats about this issue;', 'Independently developed and completed a significant piece of research.']
NUR5033	This unit examines foundations of knowledge for nursing and education for clinical practice. Knowledge generation through research, and the application and dissemination of that knowledge, are central themes of this unit.	['Discuss the concept of knowledge generation in professional nursing;', 'Describe philosophical underpinnings, methodologies and principles of research relevant to nursing practice;', 'Understand the generation of knowledge in nursing through the critique of research;', 'discuss the ethical principles underpinning the research process;', 'Recommend strategies for the dissemination of knowledge to facilitate improved health outcomes;', 'Identify strategies for the translation of research evidence to nursing practice;', 'Describe and critique theories of learning;', 'Develop and implement plans for health teaching and promotion.']
BFX4030	This unit has two key components. The first half covers aspects of theoretical and empirical financial modelling, including modelling the stock price behaviour, consumption-based asset pricing models, multifactor models, two beta, ICAPM, intertemporal asset pricing models, mean-variance frontier and beta representations, bayesian alphas and mutual fund persistence, a bayesian and bootstrap analysis, performance measures of the hedge fund returns. The second half covers technical skills in building Excel models to solve problems in Finance. The aim is to bridge the gap between financial theory and practice. To achieve this, students will learn modelling skills in Excel and be introduced to VBA programming concepts and techniques.	['apply advanced knowledge and skills in the use of Excel and Visual Basic', 'develop advanced skills in the design and implementation of efficient and robust financial models such as option pricing, portfolio and interest rate models', 'apply critical thinking, problem solving and presentation skills to individual and/or group activities dealing with advanced modelling in finance and demonstrate in an individual summative assessment tasks the acquisition of a comprehensive understanding of the topics covered by BFX4030.']
CHE6410	The goal of the Unit is to introduce graduate researchers to the practice of research. It is founded on perspectives from the Philosophy of Science (PoS) which addresses questions of what "science" is and what it means to be a scientist. The unit firstly introduces the structure of scientific arguments and aims to demonstrate how a knowledge of this structure can enable critical thinking and scientific communication. The unit also aims to make graduate researchers aware of the complex social process that modern science is and introduce them to aspects such as research funding, planning and budgeting research projects, research metrics, technology development and commercialisation, intellectual property and patents, current socio-political views of science and scientists, etc.	['Critically review scientific arguments to identify research questions, discern inductive arguments leading to hypotheses and deductive arguments leading to valid experimental tests.', 'Generate a research proposal by applying the hypothetico-deductive framework to a research problem, formulating a research plan, assessing material and human resources required for the research, and justifying a research budget.', 'Appreciate prevalent sociological perspectives of science and reflect on their consequences for publicly-funded scientific research, such as research quality assessment and metrics.', 'Appreciate the steps involved in developing and commercialising technology and the value of scientific skills in this process.']

MTE6884	Materials and principles for energy production, storage and conversion will be covered in detail. Topics include Light harvesting materials, Solar power conversion efficiency, Interaction of light with matter, Commercial and emerging photovoltaic technologies, Concentrator PV, Electrochemical methods, Primary and secondary batteries, Supercapacitors, Photocatalysis, Water splitting and Fuels Cells.	['Appreciate why the energy landscape is changing and the role materials will play in alternate energy technologies in the broad areas of energy production, storage and conversion.', 'Apply the theory behind the operation of photovoltaic devices to predict and quantify the performance of solar cell materials.', 'Appraise various energy storage technologies including batteries, capacitors, and hydrogen storage, and discuss the benefits and shortcomings of each.', 'Assess novel electrochemical technologies including photo-(electro-catalysis), water splitting and fuel cells.', 'Design experiments to assess the performance of energy storage and conversion devices.']
NUR5113	This professional studies unit is aimed at facilitating internationally qualified nurses' knowledge and understanding of the Australian health care system and nursing frameworks for the delivery of care.	['Demonstrate knowledge of the health care system in Australia;', 'Discuss the health care environment in relation to the Australian legal system;', 'Critically examine the professional codes of conduct, standards of practice and ethical codes of practice as basis for professional nursing practice;', 'Using case scenarios, apply the ethical, legal and regulatory frameworks that inform the practice boundaries and decision making expectations of nurses in Australia;', 'Explore the sociocultural context of the Australian health care practices, particularly focusing on the Aboriginal and Torres Strait Islanders;', 'Compare the health profiles of vulnerable groups including those residing in rural and remote areas, the elderly and those from culturally and linguistically diverse backgrounds;', 'Compare and contrast the health care delivery system of Australian and another country;', 'Illustrate knowledge about providing safe and competent nursing care utilising Australian standards for services and practice;', 'Critically appraise the application of evidence-based quality improvement processes to an area of nursing practice for the purpose of enhancing patient safety; and', 'Describe the relationship between the conduct of clinical research, technological advancement, and changes to nursing knowledge and its application to practice.']
MKF5641	The aim of this unit is to extend knowledge and understanding beyond that covered in introductory marketing communication theory, and to develop improved skills to apply this understanding to practical and challenging communication scenarios. In particular emphasis will be placed on critical analysis and insights gained from exposure to the literature and professional practice in marketing communication.	['investigate and evaluate contemporary thinking, theory advances and practices in marketing communication and its constituent parts, including advertising, digital communication and so on, and their integration', 'construct media management strategies through the analysis of media consumption and engagement behaviours', 'compare metrics that are used to measure marketing communication strategies and elements', 'devise structures and processes to ensure the creation of effective and efficient marketing communication.']

ATS3153	The unit allows students to devise and undertake an independent music research project under supervision and follow it through to completion at the end of the semester. Possible projects may include archival work, the construction of a musical instrument, the preparation of a series of radio programs, the organisation of an exhibition or the preparation of a journal article.	['Devise and undertake an independent music research project;', 'Demonstrate advanced music research skills.']
ATS3760	People and nations in the 21st century are globally inter-connected. The unit explores why and how communication, underpinned by the innovations of Information and Communications Technologies, is a key contributor to globalising processes in political, economic and socio-cultural fields. The central focus is to examine Global Communications as an established and legitimate process which is strongly influenced by these processes. Topics include the relationships between Global Communications and global economy, politics, military operations, inequality, diplomacy/espionage, and cultural expressions.	['demonstrate a greater understanding of the historical development of Global Communications; and gain a deeper understanding of how the ever innovative world of electronic communication continues to impact everybody in the globe;', 'explain positive and negative roles of Global Communications on international conflicts, poverty and wellbeing;', 'describe the ways in which information flows from one part of the world to another or globally; and articulate the consequences;', 'illustrate empirically how international diplomacy and business are affected by the management of communication; and vice versa;', 'articulate and apply an advanced understanding of theories of Global Communications with reference to national and international economy and politics;', 'have consolidated independent research skills as a senior undergraduate student.']
BFF5255	This unit focuses on the skills and techniques required in financial modelling using Excel and VBA. Important financial models in corporate finance, investment and portfolio analysis, option valuations and risk management, and management and modification of databases for financial and investment analysis are discussed.	['develop skills in analyzing and handling raw data', 'design and implementation of financial models in the use of Excel and Visual Basic, and effectively summarize the assumptions, implications and results of spreadsheet models', 'apply critical thinking, problem solving and presentation skills to individual and/or group activities dealing with modelling in finance and demonstrate in an individual summative assessment task the acquisition of a comprehensive understanding of the topics covered in BFF5255.']
ATS2801	This unit consolidates and extends intermediate skills in music ensemble performance developed in ATS2800 Music ensemble 3. The unit comprises: 1) ensemble rehearsals and in a chosen/approved music ensemble; 2) and, performance of select repertoire.	['Demonstrate an advanced level of ensemble musicianship in a chosen/approved music ensemble.', 'Demonstrate advanced technical and musical control of the elements of ensemble performance (for example, accuracy, articulation and phrasing, tone quality, dynamics, expression, and so forth).', 'Perform select repertoire in a public setting with a high level of competence.']

EAE3142	Tropical weather is very different from that in the mid and higher latitudes. For example, compared with the mid and higher latitudes, temperature and pressure gradients are (mostly) very weak in the tropics. This unit describes the key properties of the tropical atmosphere and explains the science underpinning tropical climate and weather. The governing equations of motion are introduced and the approximations relevant to the tropics described and justified. The most important of these approximations, and the fundamental reason for the differences between the tropics and the mid and higher latitudes, is that the effect of the earth's rotation (as expressed through the Coriolis force) is small in the tropics. Another important distinction between the tropics and elsewhere is that the atmosphere is more strongly coupled to the ocean. The approximated equations of motion will be used to explain the Hadley circulation, equatorial waves and the El Nino - Southern Oscillation, and these explanations compared in detail with observation. Unlike the midlatitudes, moist convection is essential in understanding the weather and climate of the tropics. For this reason emphasis will be placed on the parts played by convection and radiation in driving the large-scale circulation and in producing locally important weather. The unit concludes with an examination of tropical cyclones, perhaps the most destructive weather system on the planet.	['Describe in detail the key structural features of the tropical weather and climate;', 'Reproduce the governing equations and the approximations relevant to the tropical atmosphere;', 'Utilise the approximate equations to explain how the key features of the tropical weather and climate work;', 'Explain why the weather and climate of the tropics is so different to the that at higher latitudes;', 'Recognise the central importance of diabatic processes to the weather and climate of the tropics, and be able to explain how these diabatic processes drive tropical weather and climate;', 'Communicate clearly the key concepts covered in the unit, both verbally and in written form.']
RSE4020	This unit covers the feasibility design of a resources engineering project. As part of the design process a range of factors based on site-specific geological, geographical and engineering conditions are considered, including surface features, layout, equipment selection, staffing and scheduling, cost estimation, risk analysis, sustainability and community expectations. Specialised design software is used for short- and long-term planning to facilitate the design process. The design is undertaken by teams which are required to prepare and present a feasibility study report. Teamwork, project management and presentations skills are assessed, in addition to the technical analysis and content of the final design.	['Address specifics of site characteristics in layout, conditions, planning, equipment/technology selection, reclamation with life-cycle analysis considerations suitable for developing a feasibility report.', 'Prioritise financial concepts such as capital budgeting, breakeven analysis, and optimisation in developing a feasibility report.', 'Demonstrate you have conducted a sensitivity analysis based on market cost and revenue assumptions and their impacts on predetermined corporate goals.', 'Engage effectively as a member of a team to produce a written report and present the findings to various audiences.']

MGF5928	This unit will critically evaluate the dynamic nature of strategy making and strategic leadership. Students will become familiar with key strategic concepts and frameworks to analyse organisational strategy, and understand the importance of strategic thinking in leadership development. Students will learn the principles of analysing industry dynamics and strategic responses to competitive challenges in order to improve organisational performance. Using the understanding of strategy and leadership principles students will learn to develop strategic leader competence while assessing the impact of culture and gender on leadership style and advancement. Students will also appreciate that strategy making and organisational leadership are not top down processes, they are both top down and bottom up.	['critically analyse the strategic nature of organisational leadership', 'develop an understanding of strategy and leadership as dynamic processes', 'analyse the role of strategic decisions in a range of contexts and understand approaches to addressing strategic decision-making challenges', 'develop creative solutions to challenges associated with industry dynamics when responding to competitive challenges, and improving organisational performance.']
FIT3161	This unit provides practical experience in researching, designing, developing and testing a substantial computer science project. Projects are generally software-based, although sometimes they may involve hardware development or investigation of theory. Projects cover the whole process of software (or hardware) development, from analysis through design to implementation and testing. Comprehensive written documentation on the project is required. Students are assigned in groups to a project supervisor. Students will be expected to meet weekly with their project supervisor during formal lab sessions, and attend 2-hour project management seminars during the first six weeks. Other workshops relevant to research and development of the project will be held in the latter six weeks.	['recognize and execute the factors essential for successful systems development projects, including teamwork and interpersonal communication;', 'construct a project proposal;', 'evaluate and select research methods and techniques of data collection and analysis appropriate to a particular project;', 'search, access, and analyse research literature as part of the process of developing solutions to problems;', 'operate effectively both as a developer and researcher, both individually and in a collaborative pair-programming context;', 'communicate the deliverables of the project in written and oral form;', 'develop a collaborative project report explaining methodology, outlining their contributions and the contributions of other team members, and documenting the developed project from appropriate perspectives, for instance that of a user, researcher or developer.']
FIT2004	This unit introduces students to problem solving concepts and techniques fundamental to the science of programming. In doing this it covers problem specification, algorithmic design, analysis and implementation. Detailed topics include analysis of best, average and worst-case time and space complexity; introduction to numerical algorithms; recursion; advanced data structures such as heaps and B-trees; hashing; sorting algorithms; searching algorithms; graph algorithms; and numerical computing.	['analyse general problem solving strategies and algorithmic paradigms, and apply them to solving new problems;', 'prove correctness of programs, analyse their space and time complexities;', 'compare and contrast various abstract data types and use them appropriately;', 'develop and implement algorithms to solve computational problems.']

BEX6200	The unit will provide HDR students with the requisite knowledge and skills in qualitative research methodology to enable them to design and execute a PhD research project. The unit will review and explain various qualitative research methods with the aim of critically evaluating the paradigmatic underpinnings of, for example, interpretivist, phenomenological and postmodern theories as they pertain to research design and the collection and analysis of data. Topics to be covered include data gathering techniques such as interviews, content analysis, fieldwork and observation and analysis procedures such as constant comparative analysis. The unit will also provide students with the opportunity to report findings through written and oral presentation.	['acquire skills to design qualitative research studies', 'acquire skills to conduct high quality independent qualitative research', 'consider and evaluate data collection instruments, and sampling strategies for a qualitative research purpose', 'assess research design across a range of qualitative research strategies', 'conduct a qualitative research project and report in an appropriate discursive style.']
CDS1511	Photographic Art Direction will develop students' skills in their ability to manipulate and control photographic imagery via a sound understanding of digital camera technology, its associated software and studio lighting. It will build upon the foundation knowledge of photography gained as part of CDS1001.	['Understand key aspects of digital camera technology and its associated software;', 'Recognise the value of lighting, props, timing and exposure in the direction of a photographic outcome;', 'Create a number of photographic outcomes that use both studio lighting and natural lighting in their creation;', 'Direct and edit the narrative of a photograph through use of language, composition, timing, light, props and camera technology;', 'Discuss the value photographic art direction plays in the realm of communication design production;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']
PAR3022	This unit prepares third year students in the final semester prior to graduation to become future leaders in education and research for the paramedic profession.	['Examine and implement health education strategies designed to reduce paramedic attendance and hospitalisation for patients in the community.', 'Analyse modes of feedback delivery and develop fit for purpose strategies for giving and receiving feedback in the clinical setting.', 'Contrast leadership styles and discuss the effectiveness and appropriateness of each in specific settings.', 'Demonstrate leadership skills in the clinical setting using effective communication, prioritisation and delegation.', 'Critically appraise research and evidence and examine approaches of research translation in clinical settings.', 'Design and implement a pilot research project incorporating best practice research procedures.']

BPS2031	Analytical Methods lays a foundation of knowledge for the analytical identification and quantitation of chemical entities used in the pharmaceutical and manufacturing industries. The unit provides the participant with basic principles and concepts of chemical equilibria, classical (titrimetric) methods of analysis, atomic and molecular spectroscopy (spectrochemical methods of analysis) and analytical separation (chromatographic) methodologies.	['Describe the analytical process and fundamental analytical concepts (e.g., selectivity, experimental error) and apply them to practical analytical measurements.', 'Quantitatively determine the chemical composition of aqueous electrolyte solutions using titrimetry and interpret the results in terms of theoretical models of chemical solution equilibria.', 'Explain the physical principles and instrumental characteristics of selected spectroscopic analytical techniques.', 'Apply theoretical principles of separation processes and chromatography to predict and rationalise the outcome of practical analytical separations;', 'Safely and competently conduct analytical measurements in the laboratory.']
ATS1345	Through the study of selected representative musical works from the Western art music canon, this unit explores the historical conditions under which music was produced and the purposes it served for composers, performers, patrons and the public. Musical works are studied in terms of their historical, structural and stylistic characteristics.	['Recognise and articulate some of the historical forces that shaped the major strands of Western art music through studying selected representative works;', 'Critically read scholarly sources by undertaking a guided reading activity;', 'Evaluate and analyse scholarly sources pertinent to Western art music research;', 'Undertake a Western art music research project utilising academic research and writing skills.']
BEW3555	This is an interdisciplinary capstone unit for the Bachelor of Business and Commerce program. It aims to help students integrate the diverse discipline knowledge they acquired in prior studies, deepen their understanding of topical issues related to regional or global business, and apply their learning to solve real business problems. Students will identify innovative solutions to those problems from a total organisation perspective. In the process, they will learn how to synthesise principles and theories from different business disciplines, and apply a variety of skills including critical inquiry, problem solving, communication and teamwork.	['critically evaluate real-life business practices and issues by integrating multiple perspectives and approaches, and identify innovative solutions to the associated business problems', 'synthesise knowledge from multiple disciplines and identify solutions to a range of business problems', 'articulate and present their ideas in a succinct and convincing manner.']
SRH5003	This unit is an introduction to research methods used in health research.	['Critically differentiate between research traditions and methods;', 'Undertake a search and synthesis of the research literature and critically appraise the findings;', 'Formulate a research question that addresses an evidence gap in the health care literature;', 'Articulate the ethical considerations in promoting ethical conduct in health research;', 'Design a research project that includes a method appropriate to the research question;', 'Formulate a research protocol that is rigorous and feasible;', 'Communicate the use of research as a basis for decision-making in health care policy & practice;', 'Explain and apply the principles of academic integrity when conducting research.']

TRC3000	Students will learn the planning and communication skills required to undertake a group project. An introduction will be given to the evolution of mechatronic technologies, design tools and methodologies, concurrent engineering design support tools, mechatronic design process and requirement interpretation. The acquisition of these skills will be motivated and tested by applying them in a group project to design and build a mechatronic system. The mechatronic system will be based on a microcontroller together with appropriate mechanical structure, sensors and actuators.	['NA']
ATS1904	This unit introduces students to how literature produces ideas and meanings about the world. By focusing on the relationship between literature and the city, this unit also introduces students to the important notion of literary forms and genres. In this unit, students will be encouraged to explore the concept of a literary text by analysing and studying a range of texts from different genres, which might include the short story, the novel, poetry, drama, the essay, graphic narrative and inter-generic writing, all to do with theme of the modern city. The texts will be taken from different historical periods and cultures.	['engage with and discuss the meanings and ideas of literary texts;', 'understand and appreciate the role of genre in literary studies;', 'understand the ways in which literature engages with broader social, cultural and historical contexts;', 'demonstrate discipline-specific written and oral skills;', 'demonstrate the ability to critically analyse literary texts;', 'demonstrate some theoretical awareness and good research skills in analysing literary texts;', 'demonstrate some creative writing skills (for creative writing stream students only).']
ATS2485	The unit is about how and why we read literature from the past. It addresses the 'foreignness' of Early Modern literature and the challenge of becoming an informed and engaged reader of that literature. The unit will explore both the aesthetic distance between Early Modern writing and the present - what does it mean, for example, to characterize a text as Baroque, or Mannerist, or Gothic, and how appropriate are such terms? - and the thematic concerns of the period itself: its anxious questions about the nature and limits of the human, for example, that were opened up by the breakdown of medieval theological certainty and the rise of science. Such questions will be posed in terms of the political and ideological context of the time: broadly, the gradual but alarming transformation of a static feudal hierarchy into the fluid social order of capitalism, and the challenges posed by (some) women to the limiting assumptions of institutionalized patriarchy.	['The problems of interpretation that face readers of literature from the past, especially when they encounter unmediated text;', 'The generic, aesthetic, thematic and ideological concerns of Early Modern literary works;', 'The complexity of textual transmission in the period, and its relation to (post-)Romantic notions of authorship;', 'Critical debates concerning the use of literary texts as sociological and historical artefacts;', 'Persuasive argumentation of their interpretations in oral and essay form;', 'The effective communication of ideas and positions in discussion.']

FIT5102	This unit develops understanding of information technology and information and knowledge management governance frameworks and strategy perspectives, with particular emphasis on the regulatory environment, legislative and organisational controls, audits, standards, professional certifications, and issues associated with measuring performance, demonstrating value and minimising risk. The unit builds on intellectual capital theory, augmented by insights from social capital and emotional capital. It draws on case studies to differentiate strategies focused primarily on people, business processes, and content, and considers the supporting technologies that can facilitate each approach.	['describe the characteristics and limitations of different IT and IKM governance frameworks and strategy perspectives, and how competing perspectives can be reconciled in practice;', 'evaluate the concepts underpinning the dominant intellectual capital perspective on IT and IKM strategy, the strengths and limitations of this approach, and how social capital and emotional capital insights can augment this view of strategy;', 'analyse the distinct features, the functional/disciplinary origins, and the key drivers of IT and IKM strategies focused primarily on (1) people, (2) business processes, and (3) content and technology, and the supporting technologies that can facilitate each approach;', 'analyse links between strategy, performance and measurement, and the issues associated with demonstrating the value and benefits of IT and IKM;', 'describe the nature of the IT and IKM regulatory environment and approaches to controlling risk;', 'evaluate the importance of marketing, leading and championing IT and IKM within the organisation, and of reflective practice.']
APG5690	In this unit students apply theoretical approaches to practical translation tasks in a variety of textual genres. The unit aims to develop students' abilities to translate texts of increasing levels of complexity and specialisation. The unit explores translation across a range of media. It complements APG5048 Translation for Special Purposes, adopting a similar approach to learning and assessment, but exploring different genres and professional contexts.	['identify and discuss problems that specialised textual genres pose for translation;', 'critically apply theoretical approaches to formulate strategies in response to translation problems;', 'use a variety of specialised tools to translate effectively;', 'employ effective strategies to translate multimodal texts, such as audiovisual and web-based texts.']
AMU3744	The internship provides students with the opportunity to integrate theory with practice, and to gain first-hand experience in working in the area of specialty in which they want to pursue after graduation. The work placement is aimed at consolidating and extending what they have learnt from core units and other Degree units, through experiential learning. The unit develops their understanding of the application of academically obtained knowledge and skills in a workplace environment, and facilitates their acquisition of work-based networks for potential employment opportunities. Separate internship programs are drawn up for each student.	['Identity the significance of the workplace of your choice in terms of its organisational structure, goals and philosophy in relation to your field(s) of study;', 'Apply relevant theoretical concepts and skills learned in the classroom through intersectional analyses to workplace tasks, duties or responsibilities assigned;', 'Evaluate learning at the workplace to consider broader political, social and cultural implications;', 'Generate independent learning and working skills in a corporate or activist environment;', 'Communicate perceptively, effectively and with cultural sensitivity and develop collaborative skills;', 'Demonstrate professional ethical values, cross-cultural competency as a responsible and effective global citizen.']
ATS1347	The unit draws together students from various levels of musical experience at pre-tertiary level and consolidates fundamental skills in music ensemble performance. The unit comprises:	['Demonstrate a competent level of ensemble musicianship.', 'Demonstrate control of the elements of ensemble performance (for example, accuracy, articulation and phrasing, tone quality, dynamics, expression, and so forth).', 'Perform select repertoire in a public setting.']

SRH3001	This unit focuses on the health of communities rather than that of individuals.	['Identify and describe the characteristics of different types of communities.', 'Locate and review data sources to inform evidence based planning for health services.', "Analyse the characteristics of 'community' and describe the health advantages and risks associated with them.", "Examine the notion of 'Burden of Disease' (BoD) as it relates to different communities.", 'Develop a community health services profile.', 'Identify gaps in available health services and make recommendations based on health needs of the community.']
MPH5255	This unit examines the interrelationship between public health and human rights. It begins be providing a overview of the development, content and application of human rights. Human rights aspects of contemporary local and international health concerns are then considered.	['Familiarity with the theoretical foundations of human rights.', 'Discuss the development international human rights instruments, their status, mechanisms for their enforcement and their corresponding practical limitations.', 'Explain the interrelationship between human rights and health through exploration of current human rights dilemmas.', 'Investigate the different mechanisms by which human rights can shape public health programming and practice generally and their respective limitations.', 'Identify the human rights issues of particular situations including complex humanitarian emergencies, armed conflict and particular group issues.', 'Critically apply different human rights approaches to health and understand their strengths and weaknesses.', 'Apply human rights knowledge to a diversity of public health issues including family violence, asylum seekers and indigenous health.']
APG5077	The sustainable use of nature-based and cultural resources is vital to successful tourism destination development globally. In this unit students learn how to identify, assess, interpret and strategically manage these critical assets to maximise visitor experience and minimise negative environmental and cultural impacts. Students will learn from industry experts during the case-based field study of Hobart in Tasmania, a leading destination in both cultural, heritage and nature-based product development.	['identify, assess and interpret cultural and nature-based assets for a tourist audience', 'devise effective management strategy for sustainable cultural and nature-based tourism development', 'propose appropriate research-based solutions to sustainable cultural and nature-based tourism challenges', 'exhibit ethical values in the development of sustainable tourism in diverse cultural and nature-based contexts', 'effectively communicate a well-argued tourism strategy across diverse medium.']
AMG5742	In this unit, students to develop an independent research project related to communication and media studies. The topic is chosen by the student and developed with the advice and support of a supervisor. The project is written up in a minor dissertation, allowing the student to demonstrate advanced skills in research, writing and project management.	['Increased knowledge, skills, and attributes necessary for independent research;', 'An enhanced capacity to formulate and research communication issues;', 'An enhanced capacity to analyse and evaluate arguments, and to understand critical approaches to the planning, writing and editing of a research topic;', 'A capacity to design, manage, and carry out a research project.']
EAE4210	The unit represents the Honours coursework program for the School of Earth, Atmosphere, and Environment and will consist of a series of short courses, a seminar and a theoretical literature review.	['Deepen and broaden their knowledge via advanced coursework and independent enquiry in specific areas of Earth, Atmospheric and/or Environmental Sciences.', 'Acquire specific skills relevant to their research project.', 'Articulate a scientific question from the review of literature.', 'Communicate research findings.']

ATS3011	Through an investigation into the key intellectual issues of a multi-disciplinary nature in post-Mao China, this unit will introduce students to a range of literary writings by a young generation of contemporary Chinese writers. Through various research projects students will explore a range of different representations of Chinese culture and society.	['A general knowledge of the social, political and cultural development that has characterised post-Mao China, Chinese society, its people and its culture (through examination of the historical contexts of a number of literary texts published in China after the 1980s);', 'An in-depth knowledge of changes that post-Mao reform has brought to intellectual trends in general and to literature in particular (through critical analysis of a range of literary works by a younger and unorthodox generation of Chinese writers who challenge traditional Chinese literary norms through their exploration of fundamental issues of humanism);', 'The ability to write and speak effectively in standard modern Chinese on a range of intellectual and literary issues, and basic analytical and critical skills required for academic research in Chinese Studies.']
NUR3003	Education is a key part of the work of health care professionals through provision of patient, peer and student teaching. Understanding teaching and learning theories and approaches is fundamental to delivering effective teaching. This unit aims to introduce students to teaching and learning for clinical practice. It will explore theory underpinning teaching and learning as well as provide opportunities for skills development in planning and delivering teaching.	['Evaluate contexts where education is provided in clinical practice and the factors that impact on effective teaching and learning', 'Critique relevant educational theories and their relationship to teaching and learning practices', 'Choose and justify approaches for planning, evaluating and assessing teaching and learning.', 'Evaluate the role of education in health promotion', 'Apply the principles of team dynamics and group processes in an interprofessional workshop', 'Conduct a peer teaching session and reflect upon their own perspectives on teaching and learning.']
APG5471	Global interconnections, transnational flows, and fluid information require today's leaders to be equipped with specific skills hardly acquired through mere international experience. Traditionally, leadership effectiveness is grounded in embracing differences in order to transform challenges triggered by diversity in organisational strengths. More recently, global leadership has been defined as the process of influencing followers from multiple cultures to adopt a shared vision through structures and methods that facilitate positive change in a context characterized by significant levels of global complexity and connectivity.	['identify and critique types of leadership in intercultural environment;', 'develop self-awareness and evaluate cultural bias;', 'discuss cultural dimensions in cross-cultural interactions;', 'estimate and evaluate strategies to enhance intercultural competence;', 'reframe their international experience in light of global leadership models.']

LAW4243	The primary function of taxation - to raise revenue to finance the operation of the state - gives rise to many issues which lie at the heart of the relationship between the citizen and the state and speaks to the nature of our economic, social and political system. Key issues include:	['Evaluate the role of taxation in the modern Australian state and within a market economy.', 'Critically analyse the Australian tax system from a range of policy and disciplinary perspectives including law, economics, politics and philosophy.', 'Critically assess the impact of key tax policy choices relating to the tax mix (ie the combination of taxes), tax base (what should be taxed), tax rates and taxpaying units (ie who should be taxed).', 'Assess the role of key norms and values such as equity, efficiency and justice in the tax policy debate.', 'Develop and apply an understanding of how debates in relation to tax policy affect the practical administration of tax laws. Develop and refine skills of policy analysis to interpret, synthesise and critically evaluate legislative provisions and case law from a broader policy perspective.', 'Demonstrate research and reasoning skills and professional judgement to generate appropriate responses to complex legal and policy problems', 'Effectively communicate complex ideas in oral and written form.', 'Collaborate with teaching staff and students in the development of an ongoing dialogue and critical assessment of the policy and legal issues within the Australian tax system.', 'Actively participate in class discussions and make use of feedback to strengthen knowledge of key issues.']
ATS1421	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.	['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.']

MKX3481	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.	['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.']
ATS4281	The unit exposes students to a range of professional pathways within Screen Studies, aiming to facilitate transition either to further study or to work in the screen industries. The unit complements and caps first, second and third year units in Film and Screen Studies by offering students the opportunity to apply theoretical and methodological concepts to practice-based contexts, such as criticism, reviewing, curation, programming, policy-making, funding application and publication. Where relevant, external practitioners will be engaged to offer workshops and masterclasses in order to share their expertise and experience.	['identify and understand a range of professional pathways extending from film and screen studies, including further research and professional work in the screen industries;', 'research and write for criticism and publication, developing a PhD or a conference proposal and creating a professional profile;', 'analyse the social, political and industrial contexts in which film and screen practices operate around the world;', 'evaluate and communicate film and screen practices within the contexts of social and community engagement;', 'contextualise various film and screen practices and research within broader industrial developments and demands.']
ATS2006	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']

CHM2942	CHM2942 has been designed for students from chemical and biological backgrounds who have a strong, common interest in the chemistry of living systems. In this unit students will be able to apply their knowledge by examining chemical processes in a biological context: the relationship between stereochemistry and biological activity; transition states of enzyme catalysed reactions; molecular mechanisms underlying glycoside bond formation and breakage; describe the chemical reactivity of organic and inorganic molecules and the reactions occurring at different functional groups; develop a basic understanding of bioconjugate chemistry and its applications; classical and contemporary bioinorganic chemistry of metals; metal coordination chemistry; molecular mechanisms for redox potentials within living systems; metalloproteins and co-enzymes; transport and storage of naturally occurring and toxic metals; role of metals in medicine; applications of modern bio-spectroscopic and bio-imaging techniques; visualisation and monitoring of chemical processes occurring in living tissues; processing bio-imaging and bio-spectroscopic data.	['Add to their understanding of the chemical reactivity of organic molecules and the relationship between stereochemistry and biological activity;', 'Understand the concept of a transition state in enzyme-catalyzed reactions and the difference between inverting and retaining mechanisms in carbohydrate processing enzymes;', 'Apply the concept of protective groups in organic chemistry for the synthesis of carbohydrates and glycoconjugates;', 'Understand and describe the physical and chemical behaviour of metal ions in aqueous solution, particularly in relation to formation, stability and ligand lability;', 'Understand the role of metals in biology, and the development and application of metal-based therapeutics and diagnostics;', 'Apply an understanding of the use of spectroscopic techniques for determining the structure and function of biomolecules;', 'Understand the different types of bio-imaging techniques and the methods used to process bioimaging data.']
MKB3301	Services marketing provides students with a broad understanding of the application of marketing concepts and theories to the services sector. This includes understanding service design and delivery, customer service, service quality measurement and internal marketing.	['analyse the key services marketing concepts and theories', 'examine the unique challenges inherent in marketing and managing services', 'apply strategies, tools and approaches to the unique challenges of service marketing and management', 'propose key services marketing concepts that can be applied to a range of services marketing problems.']
DIS4201	This unit introduces students to the methods and processes involved in creating 3D elements, objects and spaces using a computer and specialist software. The key areas of modelling and rendering will be examined, and various methods of output demonstrated. Different applications of CGI (computer generated imagery), such as motion graphics, character animation, virtual environments and 3D printing are discussed.	['Be able to use 3D imaging software to create environments and objects;', 'Have an understanding of the principles of designing objects and spaces in three dimensions;', 'Be able to apply surface qualities, lighting, textures, and imported graphic files to elements in a three dimensional composition;', 'Be capable of exploring the range of options and controls available through 3D imaging and modelling software applications;', 'Understand and manipulate camera properties and viewer perspectives;', 'Have knowledge of the various tools and techniques used for realtime 3D computer graphic applications.']

ASC5002	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.	["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.']
ATS3852	In this unit, students will identify an issue of interest to them drawn from their undergraduate studies in Behavioural studies, Sociology and/or Gender Studies. Using this topic, students will undertake an extensive review of the relevant academic literature and complete an independent research exercise exploring this topic. This research will be supervised by the Unit Coordinator with input from other staff as appropriate.	['Developed extensive knowledge of a significant issue in contemporary social sciences;', 'Engaged with a variety of critical and theoretical debates about this issue;', 'Developed the ability to critically evaluate the extant literature about this issue;', 'Knowledge of a range of methodological approaches that have been used to examine this issue;', 'Developed the ability to communicate in both oral and written formats about this issue;', 'Independently developed and completed a significant piece of research.']
FIT4010	Algorithms are the most fundamental area for all aspects of computer science and software engineering. Discrete structures, such as those treated in graph theory, set theory, combinatorics and symbolic logic form the mathematical underpinning of the study of algorithms. As well-designed algorithms and data structures are essential for the good performance of an information system, an in-depth understanding of the theoretical properties of algorithms is essential for any computer scientist. As importantly, the theoretical investigation of algorithms leads to a deeper understanding of problem structures and classes of problems and the knowledge of a large variety of algorithm types enables the designer to approach a new problem from different angles. Topics for this unit may include: Computability and Complexity, Automata Theory, Advanced Analysis and Design of Algorithms, Parallel and Distributed Algorithms, Numerical Algorithms, Cryptographic Algorithms, Spatial/geometric Algorithms, Approximation Algorithms and Randomised Algorithms.	['critically analyse and assess algorithms for use in the chosen specialisation area;', 'be able to formally analyse algorithms in this specialisation area;', 'choose and apply algorithms and data structures in the specialisation area;', 'design and implement modified algorithms in the chosen area to suit particular problem structures.']

RSE4040	This unit provides an introduction to the processing technologies used in the minerals industry, their characteristics and how and why they are used. This will also provide an introduction to the underpinning fundamental physical, chemical and transport processes, to demonstrate the influence of raw materials and market needs on processes and products, and the importance of the coordination between mining and processing. The processes used will apply to all minerals: metals, non-metals, coal and the aggregate.	['Comprehend the principles of physical and chemical processes that allow selective separation of minerals from ores, and of elements from mineral concentrates, metals and materials to maximise the recovery of valuable resources.', 'Synthesise the fundamental processes and equipment design to suit the process objectives and optimise the plant performance.', 'Analyse the process route for a given ore deposit or source materials and evaluate its economic and environmental impacts and develop measures to improve it.', 'Apply process flow sheets to synthesise the processes undertaken in mineral and material processing and to evaluate the suitability of a specific technology.']
MGF5011	Commercialisation examines the multiple pathways that lead from research and innovation domains, through developmental stages, to the creation of wealth in markets. The unit allows students to conceptualise roles in converting research to wealth at a personal, enterprise and economy wide level. Commercialisation develops students' knowledge of what commercialisation is and the resources and competencies necessary to develop and execute. The unit further develops students' collaboration and negotiation competencies and research skills.	['analyse pathways of commercialisation', 'distinguish commercialisation organisations, resources and roles', 'select and apply appropriate theories to modern commercialisation environments', 'predict ethical issues raised by commercialisation for local and international communities', 'enhance and demonstrate collaboration and negotiation competencies and research skills.']
AMU2787	The unit provides further development of the students' skills in critical evaluation in the production of online journalism. By producing a series of multimedia stories, students will further develop the key performance practices of researching, interviewing, writing stories, photography, recording in various media, voice presentation and online presentation. Students will also critically consider the impact and implications of different modes of audience engagement for online journalists, including the ethical and editorial issues with regards to online news production.	['demonstrate an ability to identify and research a news story, conduct interviews and determine the best storytelling platforms to articulate their ideas;', 'demonstrate an ability to report in a clear, concise, accurate and engaging way in at least two media;', "identify, observe key ethical and legal obligations associated with news reporting, and reflect critically on their own and others' performance in this regard;", 'work independently and collaboratively in learning and production processes, including online forums, to produce news reports;', 'demonstrate an ability to set and meet deadlines, and report under pressure;', 'demonstrate an awareness of local, national and international people and events relevant to current affairs and media issues;', 'demonstrate a critical awareness of the capacities, limitations and socio-professional implications of journalistic practices in different media.']

RAD1082	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.	['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']
ATS3849	The unit allows students to build on the critical and analytical skills acquired through French Studies core units by developing a research project tailored to their disciplinary interests. Students are encouraged to pursue in consultation with the unit coordinator a topic of their choice.	['develop a research proposal and methodology;', 'identify the key resources relevant to the topic through the completion of a literature review;', 'critically analyse sources and/or data using relevant theoretical frameworks;', 'produce a research essay or video presentation in French.']
FIT2002	This unit introduces students to the many concepts, tools and techniques for managing information technology projects. Exploring traditional and agile approaches for managing projects, topics include project lifecycles, project planning, project scheduling, team building, risk management, time and quality management. A case study approach will be used to provide learning opportunities, with an emphasis on the unique aspects of information technology projects.	['explain the ten knowledge areas of the Project Management Body of Knowledge;', 'identify the unique attributes and diverse nature of Information Technology projects;', 'select, justify and use project management techniques and tools for IT projects;', 'use the appropriate communication method for different types of stakeholders;', 'identify and apply the characteristics of a collaborative team member.']
MEC3455	This unit aims to develop an understanding of the analytical methodologies used in strength and stiffness assessment of engineering structures and components. It allows students to translate real-world forces into abstract form for engineering modelling of a range of common problems found in industry and gain knowledge of the relationship between analysis and design. Students will be exposed to a wide range of analytical tools and modeling philosophies. To complement these analytical solution techniques, students will now be taught the fundamentals of finite element analysis.	['Describe the strength and stiffness aspects of engineering structures and components.', 'Apply a range of modelling tools and analytical methodologies and develop confidence in evaluating new engineering problems and formulating original solutions.', 'Apply the principles of solid mechanics in engineering analysis and design.', 'Determine elastic and inelastic stresses, deflections in simple and compound beams, pressure vessels and flat plates.', 'Apply the concept of loads and load paths, calculate shear stresses in thin-walled sections and predict stress and strains in non-circular cross-sections members under torsional loading.', 'Generate finite element analysis of solid mechanics problems and identify factors influencing the accuracy of results.']
ATS1314	This unit is an introduction to the discipline of human rights. The central topic around which the unit is organised is the universality of human rights. Why are human rights universal? Is there a foundation for the universality of human rights? Does cultural relativism pose a problem for human rights? Torture, and the human rights of refugees and the global poor are also discussed. Students will be exposed to a variety of views on these and related questions. The unit requires no special background in any discipline.	['Mastery of the basic concepts of human rights, the structure of the most important international human rights legal instruments and the central justifications offered for taking human rights to be universal;', 'Improved writing skills;', 'Improved oral communication skills;', 'Familiarity with central positions in philosophical accounts of the justification and explanation of human rights;', 'Skills to assist them to conduct independent research in human rights topics.']

HPE5003	This unit is designed to provide participants with an understanding of contemporary approaches to assessment in the health professions, with a particular emphasis on competency-based assessment. This unit aims to develop participants' understanding of assessment theory and practice applied to health professions education across undergraduate and postgraduate training. Taking a systems approach, participants will analyse their role in the assessment of their learners and the importance of their role to the learners themselves, their institution, accreditation bodies and the community.	['Describe the role of assessment in influencing student learning behaviour and the learning process;', 'Identify and apply the principles of educational assessment in professional healthcare teaching;', 'Critique the range of assessment tools that can be used in the effective delivery of health professional education and select appropriately to assess a range of skills, knowledge and attitudinal characteristics in different contexts;', 'Describe and distinguish between the uses of formative and summative assessment procedures and the importance of feedback to both aspects.']
ATS2804	From coffee houses to opera houses, people from all classes of society in the nineteenth century participated in a wide range of musical activities. This unit studies the private, public and commercial institutions that supported the composition and performance of music in the nineteenth century and the changes to social structures and advances in technology that made such music-making possible. By examining key musical styles across a range of genres, the unit also explores the rise of the scholarly study of music that emerged in the nineteenth century, a development that fuelled numerous debates between composers, critics and the public over musical taste.	['Demonstrate an understanding of the social and cultural forces that underpinned the production of nineteenth-century music;', 'Appreciate the role and function of popular music and art music and their relevance to our understandings of class and morality;', 'Evaluate performance practices of the period and their relationship to twenty-first century ideas concerning musical performance;', 'Demonstrate an understanding of the key philosophical debates about music from the period and their ongoing relevance to contemporary music research.']
CIV5318	This unit covers both traffic engineering and management along with the growing role which advanced technology is playing in the management of traffic and transportation systems. The unit develops students' understanding of the principles and practice of traffic management and the application of advanced technology in transport. The emphasis is on the role of the traffic manager in providing the road and traffic network for road based vehicles along with the planning and design considerations for different road users. The fundamentals of human factors and road network design are considered. Emphasis is placed on the need to forecast traffic impacts at sites and on the road network. The application of advanced technology to the surface transport system, known as Intelligent Transport Systems (ITS), is considered in detail. This unit introduces students to the field of ITS, examines component technologies and explores how those component technologies are brought together in applications or products.	['explain the role of the road system and the associated role of advanced technology or intelligent transport systems (ITS), in providing mobility and accessibility for the community', 'consider the needs of different road users (pedestrians and bicyclists, private motor vehicles, trucks and road-based public transport vehicles) and their interactions in the road system', 'design a traffic and road network heirarchy and the associated parking system to cater to the needs of different road users', 'differentiate the functional areas of ITS, the associated ITS applications in those functional areas and the component technologies which underlie those applications', 'appraise the technology building blocks employed by ITS and evaluate the ITS applications developed from them', 'critique information on ITS obtained from the world wide web', 'judge the need to manage the road system and critique the role of advanced technology in addressing broader transportation issues and challenges', 'demonstrate sound written and oral communication skills']

ACF3900	This capstone unit integrates prior learning gained throughout the Bachelor of Accounting course and prepares students for transition to a professional career and for undertaking postgraduate studies. Students will be required to analyse, synthesise, critically evaluate, and apply knowledge and skills acquired over the course of their studies to real-world scenarios. Students will also be required to reflect on the role of accounting in organisations and society more generally, and will develop professional judgement, as well as the key skills that are expected of accountants.	['analyse, synthesise and critically evaluate the effect of accounting policies, regulatory requirements and other external factors on organisational performance', 'analyse business models and evaluate the drivers of competitive advantage and value creation in various organisational settings, including their impact on various stakeholders', 'appraise the role of accounting and accountants in strategy formulation and implementation, as well as in decision-making', 'demonstrate the ability to report, interpret and communicate effectively accounting advice and ideas, through written reports and oral presentations, at a level required for a career in accounting and business', 'demonstrate a capacity to work independently, to self-manage, and lead and participate in teams.']
ARC5001	Architecture Design Research Studio consolidates concepts and skills relevant to advanced architectural design research. It establishes the full set of conceptual and skill-based competencies necessary for undertaking the subsequent design research project. It maintains emphasis on design as a synthetic process encompassing a range of complex issues inherent in the production of architecture. Studies in the unit will maintain a focus on developing design as a visual language and process of cultural production with an emphasis on social and environmental sustainability.	['Demonstrate the first stages of mastery in architectural design necessary for the completion of the Architecture Design Research Project;', 'Have acquired proficiency in design research;', 'Have the ability to critically analyse and successfully respond to the complex range of issues inherent in an architectural design project;', 'Have achieved proficiency in observation, analysis, experiment and critique as they apply to the advanced architectural design processes;', 'Have acquired a high level of competence in all presentation skills: verbal, graphic and 3-dimensional;', 'Understand and be able to apply the rules of occupational health and safety appropriate to the unit of study.']
ATS3094	This unit examines fundamental concepts and business practices of the Australian music industry, focusing on the practical knowledge and transferable skills required to commence and maintain a professional career in the music industry. It explores the interaction of music and culture mediated through business institutions and includes an introduction to self-management, copyright, record companies and the recording process. Attention is paid to the Australian music industry and some comparison with overseas practices is made.	['Identify and discuss issues and business strategies that underlie the Australian music industry, and compare these to international music industry practices;', 'Prepare personal professional documentation;', 'Apply the principles of music management in a group industry project.']
CHM4211	All students will undertake a Professional Studies topic and one core topic defined by the School, as well as three elective topics from specialised areas of chemistry, such as pericyclic reactions, separation science, advanced organic synthesis, main group inorganic chemistry, supramolecular chemistry, computational chemistry and electron microscopy. Each topic will require students to attend 8 lecture equivalents making a total of 48 lecture equivalents for the unit. Further information is available from the course coordinator and at a meeting held with prospective students during second semester of third year.	['NA']

ATS3129	Students are placed as interns with a host partner organisation and complete either a unique research project or work experience-based project jointly defined by the host partner organisation and the unit coordinator. The host partner organisations are from a diverse range of industries and sectors, including government departments, private industry and not-for-profit organisations. Students communicate the research or work experience in a final project in the format specified by the host partner organisation, such as a research report, consultation paper, manual or submission. The host partner organisation provides field supervision and the faculty provides academic supervision.	['Apply broad discipline knowledge to design a proposal for a final project relating to an internship.', 'Exercise critical thinking and professional judgement by developing a plan for a final project relating to an internship.', 'Demonstrate critical reflective practice skills as a result of completing an internship.', 'Demonstrate advanced communication skills by reporting on an aspect of the work undertaken for an internship.', 'Execute a final project with a degree of independence and accountability relating to an internship.']
BND3302	This unit uses a range of clinical conditions and diseases as the foundation and basis for dietetic students to:	['Examine the role of diet in the aetiology, prevention, and management of a range of clinical conditions and diseases in preparation for clinical case management', 'Apply and 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', 'Progress core skills in the clinical dietetic process towards case management including prioritisation 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 using a range of methods both written and oral', 'Reflect on practice extending self-awareness, insight and cultural competency linking to professionalism.']
ATS3834	ATS3834 is a continuation and development of ATS3833. It offers students the opportunity to undertake rehearsal in a professional manner and to bring that project to fruition in the public performance of a major length theatrical work or a number of shorter works. This unit emphasises the quality of all elements of the processes of preparation and rehearsal, in addition to that of its public product.	['apply theoretical methods in the creation of a piece of theatre;', 'utilise a range of physical skills in performance;', 'explain the technical elements of theatre and how they contribute to the aesthetic of the performance;', 'develop and refine strategies for the maintenance of the performance through a performance season;', 'conceptualise and articulate, the imaginative basis and developmental processes of an original piece of theatre work.']

MAE4407	This unit introduces avionics instruments used in vehicles ranging from light aircraft, air transport, manned and unmanned space vehicles. Their application, principles of operation, accuracy, advantages, limitations, ground systems and the flight vehicle requirements of avionics equipment. Navigation systems with an emphasis on typical forms of measurements involved, their use to pilots and industry are covered. Steering systems, self contained and radio direction finding systems and components, system interfacing, instrumentation and control are examined. Issues of interference, compatibility, redundancy and operational safety and a brief look at active navigation aids complete the unit.	['Identify the role of avionics instruments, sensors and flight management systems in aerospace vehicles.', 'Describe the principles of avionics navigation and steering systems.', 'Formulate real-time computing algorithms for implementation in avionics navigation systems.', 'Assess the limitations of current air traffic control systems and the need for the development and introduction of new electronic systems to safely cope with increasing air traffic density.', 'Use GPS, INS, DOPPLER and AIR DATA sensor components.', 'Draw on simulation software to gain experience in the use of avionics instrumentation to control and navigate aircraft.']
ATS2188	The Media Scriptwriting Lab is a multi-disciplinary learning environment where students from the different specialisations in the Bachelor of Media Communication come together to explore new techniques and practices in media scriptwriting. Students will devise a scriptwriting research project in a medium of their choice that can be applied to one or more new media platforms. The lab fosters creativity and experimentation in media scriptwriting while also developing professional skills in collaboration and adaptability.	['identify and discuss the communicative and creative role of scriptwriting in contemporary media environments;', 'display proficiency in a variety of scriptwriting techniques and practices;', 'work reflectively, independently and collaboratively with peers to conceptualize and design a scriptwriting project;', 'apply scriptwriting skills in for a media production that critically reflects on the evolving techniques and practices of writing for media.']
MAT1830	This unit introduces fundamental discrete mathematics topics including combinatorics, sets, relations and functions; methods of logic and proof, especially proof by induction; probability theory, Bayes' theorem; recursion; recurrence relations; trees and other graphs. It establishes the mathematical basis required for studies in Computer Science and Software Engineering.	['identify basic methods of proof, particularly induction, and apply them to solve problems in mathematics and computer science;', 'manipulate sets, relations, functions and their associated concepts, and apply these to solve problems in mathematics and computer science;', 'use and analyse simple first and second order recurrence relations;', '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."]
BEX5002	This unit is designed to provide students with the opportunity to put theory into practice in a business environment.	['develop a deeper understanding of the difference between theory and practice', 'apply theory and ethical values to practice in a supervised environment', 'evaluate personal learning and personal development in a complex business environment', 'apply research skills and provide innovative solutions to complex business problems', 'communicate effectively and perceptively in a business environment.']
CEM6882	The transmission electron microscope (TEM) provides the unique ability to characterise materials at the nanometre and atomic length scales. This course is designed to offer both theoretical and practical training in operating a TEM, for those who need the technique for their research. The emphasis is to arm students with the skills necessary to both effectively operate the instrument and make meaningful conclusions regarding the results generated.	['Safely and independently operate a Transmission electron microscope (TEM) at MCEM.', 'Understand how to tune microscope parameters to match the information required from their specimens.', 'Confidently be able to interpret the results from bright field TEM images and diffraction patterns.', 'Be able to prepare samples for loading into the instrument.']

NUR2447	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.	['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 he educational needs of clients in relation to the provision of evidence-based pain management.']
BMS3930	This unit provides the opportunity for high achieving students to work with an academic supervisor and complete a substantial research project in the Biomedical Sciences. The research project may be chosen from a list of projects available at the beginning of semester from any of the Departments in the School of Biomedical Sciences. The unit convenor and supervisor must approve the project topic at the time of enrolment. Students 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.	['Review scientific literature in the project area, including the ability to identify key information in this area;', 'Access databases for provision of information;', 'Present oral reports;', 'Construct written reports;', 'Manage workloads to meet deadlines;', 'Work with a significant degree of independence;', 'Plan a large project, including the ability to adjust planning as events and results dictate;', 'Conduct appropriate statistical analysis of results;', 'Perform routine laboratory measurements and manipulations;', 'Maintain efficient and meaningful communication with a project supervisor;', 'Use technical word processing packages and graphics software.']
MEC5881	This unit complements systems design. The unit will integrate fundamental concepts in solid and fluid mechanics and dynamics and in so-doing will highlight the roles they play in determining the performance of an engineering system.	['describe the concept of performance of an engineering system', 'explain the concept of multi-disciplinary engineering in establishing satisfactory performance of an engineered system', 'analyse the parameters that are important to system performance', 'synthesise the elements of the engineered system in order to identify the interdependency of each elements to its overall performance', 'design appropriate monitoring strategies that will enhance the performance of the engineered system', 'evaluate the performance of the system in order to mitigate or eliminate potential weaknesses in an engineered system', 'engage in regular self assessment and peer assessment of individual and team performance as a primary means of tracking continuing professional development.']

AZA1325	This unit is designed to give you the historical background and conceptual tools to understand the contemporary world we live in. It traces the key political, economic, and social developments since 1945 that have brought us to where we are today. Special attention will be paid to how some of these developments impacted the continent of Africa.	['Demonstrate a knowledge of modern world history;', 'Demonstrate knowledge of the impact of post-war political, economic and social developments on Africa;', 'Demonstrate sound knowledge of current affairs and debates about the future;', 'Demonstrate improved oral and written communication skills, particularly in relation to the analysis and explanation of ideas and the development of argument;', 'Successfully undertake a variety of research and writing tasks.']
SCI1502	This is the second part of level-one Impact through science core studies of the Bachelor of Science Advanced - Global Challenges (Honours). It consists of two modules, undertaken in parallel: leadership and the big issues of our time. In the leadership module students will continue to develop and apply adaptive leadership tools. The big issues of our time are explored in a module examining how science and policy can impact decision-making.Teamwork is explored through several assignments including students undertaking peer-consultations on leadership challenges they have identified. A 'dialogue' evening series will provide opportunities for networking and intimate discussions with leaders from a variety of industries. Students will build relationships with mentors.	['Critique the key tools of adaptive leadership demonstrating critical thinking capacity;', 'Apply leadership skills and experiment with interventions in complex systems;', 'Analyse and synthesise major global challenges using scientific evidence;', 'Demonstrate and reflect upon how to build and work in functional teams;', 'Produce a mentoring plan that reflects the development of self-awareness and leadership aspirations.']
MDC5215	This unit advances knowledge, methods and practical skills of integrated comprehensive interactive technologies for building executable prototypes for personalisation and mobility-centric interaction design projects. In this lab, students will explore a broad range of mobile-based and identity-based interactive prototyping techniques from Android and iOS applications to RFID, and will discuss the significance and complexity of contextualisation required in systemic approaches in the prototype creation process. Skills developed in this unit will be used to support the studio research project to bring abstract concepts into the real world.	['Critically analyse established methods and techniques used in the development and implementation of mobile- and identity-based interactive technologies, to draw links between interactive behaviours, functionalities, physical components, and interface elements;', 'Apply technical skills in personalisation-oriented system structure design, coding and tech-fabrication of open source technologies in mobile- and identity-based computing design solutions;', 'Use skills in programming, physical-computing and prototyping methods, for personalised and mobile centric interactive technologies;', 'Integrate problem-solving methodologies and prototype design processes to produce complex interaction design solutions for various mobile platforms, including a range of identity recognition featured technologies;', 'Use concepts, methodologies and vocabulary of mobile-based and identity-based interactive technologies to communicate prototype designs to specialist and non-specialist audiences;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']

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']
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.']
SRH5032	This unit is designed to support in the preparation for the independent research project.	['Communicate an understanding of the use of research as a basis for decision making in the health care policy and clinical arena particularly in its application to health care practice;', 'Formulate a research question that addresses an evidence gap in health care;', 'Undertake a critical analysis of the research literature in response to the proposed research question;', 'Develop a research proposal which explains the selection of appropriate research questions, designs and implementation plans within a health or community setting;', 'Articulate the ethical considerations in promoting ethical conduct in research.']

AHT3011	This unit focuses on European art of the seventeenth and eighteenth centuries. Key historical and theoretical topics in the art of the period will be considered, such as: the emphasis in Italian and Spanish Baroque art on spectacle, excess and spirituality; the tradition and legacy of French classicism from Poussin to Ingres; Northern European genre and still-life painting; art as politics and social commentary in France, England and Spain; the emergence of landscape and the philosophy of the picturesque and the sublime; the eroticism and escapism of Rococo; and the phenomenon of Romanticism.	['Identify the main characteristics of seventeenth- and eighteenth-century European art;', 'Understand the historical, cultural and social contexts of seventeenth- and eighteenth-century European art;', 'Understand key aesthetic, philosophical and historiographical concepts in seventeenth- and eighteenth-century European art;', 'Perform critical analyses of historical works of art;', 'Demonstrate a broad knowledge of the history of European art.']
MKF5660	The relationship marketing model; 'internal marketing' and collaborative work practices; processes for closing the 'service quality gap' including problem solving and opportunity seeking on an on-going basis.	['define the purposes and scope of the general principles of relationship marketing', 'critically evaluate the techniques used in relationship marketing and to evaluate how these may be applied in organisations', 'analyse the opportunities and challenges that are inherent in implementing relationship marketing', 'discriminate between situations where relationship marketing might be appropriate and where it might not.']
ATS3612	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.	['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.']

MEC4459	This unit introduces aerodynamic concepts applicable to both wind energy and wind engineering. It conveys the fundamentals of the wind environment, and how the wind interacts with both turbines to generate power, and structures to cause loads.	['Describe the statistical characteristics of the wind resource for both mean and extreme wind events, and the environmental parameters that influence the nature of the atmospheric boundary layer.', 'Apply basic wind turbine aerodynamic models of horizontal wind turbines to estimate turbine aerodynamic performance, including the actuator disc concept and blade element momentum theory, and approaches to aerofoil design.', 'Combine environmental and turbine performance data to evaluate the power production of individual turbines and wind farms, considering site identification, topology and turbine wake interaction.', 'Synthesise relevant wind resource, experimental and environmental data to analyse the mean and peak, local and bulk loads on structures using reference data, standards (AS/NZS1170.2) and experimental testing.', 'Predict the dynamic response of basic structures under wind loads, including vortex induced vibration, buffeting, galloping and flutter.', 'Apply the techniques and considerations relevant to a wind engineer to engineering problems and projects including: wind loading, wind and turbine generated noise, wind effects on pedestrians and pollution dispersion.']
APG5627	The unit introduces students to the multi-disciplinary field of political ecology, which considers the relevance of power and politics for shaping the relationship between humans and their environments. The unit explores the principles and analytical methods of political ecology; students will develop an understanding of political ecology frameworks and their diverse applications to real-world cases. The unit is organized into three parts. The first part introduces students to the field and key concepts of political ecology, conceptualises human-environment relations through society, nature, and capitalism, and introduces some methodological tools for political ecology research. The second part examines applications and variations of this framework, exploring different expressions and cases of human-environment interactions. The third part explores some future directions for political ecology, identifying some philosophical and methodological challenges in conducting, communicating, and reflecting on political ecology research and practice.	['understand and explain the theoretical underpinnings of political ecology;', 'identify and explain the ways in which power and politics influence human-environment relationships;', 'analyse socio-environmental issues (e.g. environmental conflicts, conflicts over resources) by drawing on political-ecological arguments and approaches;', 'select, evaluate, and adapt analytical frameworks for understanding the links between the political economy of development and ecological change;', 'conduct research in order to apply political ecology frameworks to the analysis of real-world cases.']

CIV5889	This unit develops students' understanding of a particular topic/area in the infrastructure field through completion of a one semester-long project that will develop their ability to plan, undertake and report on an independent program of investigation/research. Students propose their own topic reflecting their professional interests. Based on their selected topic, the student will undertake a one semester-long program of independent investigation/research and document the findings in a professional report and video-record a presentation on their project. Students will provide peer-to-peer feedback on other student works.	['Critically evaluate the selected area/topic and develop feasible project proposals.', 'Demonstrate report writing and presentation skills.', 'Demonstrate the ability to communicate information about a topic to readers/listeners who may have a limited background in the area.', 'Conduct research and critical analysis on published material.', 'Reflect and provide effective peer-to-peer feedback.']
APG5092	The global human rights regime, the principles, norms, and rules designed to protect all individuals regardless of their place and position, is a contemporary creation. The unit will investigate the philosophical origins of both the concept of universal human rights as well as the efforts to enshrine and protect these rights through the 20th and 21st centuries. Focus will be on exploring the tension between this universalist principle and the role of states as both protectors and violators of human rights, the role of international organisations as well as legal mechanisms championing human rights, as well as critical voices who question the utility and purpose of the global human rights regime.	['critically engage in key debates framing global politics and international relations;', 'work in and adapt to a variety of different cultural and professional environments;', 'display intricate knowledge of a variety of value and ethical systems, and conduct themselves professionally in all working environments;', 'be innovators in their chosen field;', 'apply the highest standard of analytical and critical skills;', 'design and manage large and focussed research projects;', 'communicate succinctly, directly, and highly effectively.']

APG5666	This subject investigates how governments respond to terrorism through policies usually referred to as 'counter-terrorism'. In particular, it examines the central role state intelligence services play identifying, developing, formulating and implementing counter-terrorism programs,. It also assesses conventional approaches to intelligence collection, analysis, comparative intelligence practices, and the role of intelligence in national security policy formation, and how global terrorist networks pose new intelligence challenges. Case studies and scenarios are used to assist students comprehend the themes and gain insights into professional intelligence officers' responsibilities.	['To develop in students a sophisticated understanding of the nature, methodology and scope of the threats posed to national security by terrorist networks as well as the degree to which intelligence identified measures to counter those threats have been effective and appropriate.', 'To develop in students a sophisticated understanding of the traditional functions and capabilities of intelligence agencies and how they have responded to the new challenges and demands of counter-terrorist programs. In particular, we will explore issues raised by the increased emphasis on intelligence exchanges, intelligence liaison and covert action.', "To develop students' understanding of the role played by different aspects of intelligence gathering--especially HUMINT, SIGINT, IMINT, OSINT and Intelligence Analysis--in addressing these threats.", "To develop students' understanding of how different terrorist groups pose a variety of security threats and how different intelligence services around the world are responding to this challenge.", "To develop the students' understanding of the structure, processes, dynamics and communication within national and between international intelligence agencies--alliances, liaison relationships and exchanges.", "To develop students' understanding of the political and ethical dimensions that envelop contemporary debates over intelligence reform, especially within Australian.", "To enhance students' ability to contribute in a constructive way to public debates in areas including terrorism, counter-terrorism policy, trade-offs made by governments between personal freedoms and public security, and intelligence and security relationships between Australia and other states."]
MKS3440	This unit explores corporate strategy and marketing strategy, strategic perspectives on buyer behaviour, strategic use of marketing mix variables such as communication, pricing, distribution, product, external and internal decision environments, market position and analysis, corporate and marketing strategic direction, managing marketing strategy planning and control.	['critically analyse the effectiveness of marketing strategy at different levels of the organisation using case studies', 'apply marketing theories and model to analysing and formulating marketing strategy analysis and formulation processes', 'assess the role of segmentation, targeting and positioning strategy and the marketing mix elements in the strategy making process', 'formulate and recommend strategic solutions that add measurable value to the organisations used in case studies', 'examine the feasibility of implementing and controlling chosen marketing strategies.']

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.']
RSE4040	This unit provides an introduction to the processing technologies used in the minerals industry, their characteristics and how and why they are used. This will also provide an introduction to the underpinning fundamental physical, chemical and transport processes, to demonstrate the influence of raw materials and market needs on processes and products, and the importance of the coordination between mining and processing. The processes used will apply to all minerals: metals, non-metals, coal and the aggregate.	['Comprehend the principles of physical and chemical processes that allow selective separation of minerals from ores, and of elements from mineral concentrates, metals and materials to maximise the recovery of valuable resources.', 'Synthesise the fundamental processes and equipment design to suit the process objectives and optimise the plant performance.', 'Analyse the process route for a given ore deposit or source materials and evaluate its economic and environmental impacts and develop measures to improve it.', 'Apply process flow sheets to synthesise the processes undertaken in mineral and material processing and to evaluate the suitability of a specific technology.']
APG5882	Students will undertake in-country study at the institution with which Monash University has an exchange agreement. This study will be the equivalent of 12 points of fifth-year postgraduate study in Arts at Monash University in the form of 5th year unit(s) offered by the host institution in the domain of translation studies.	['NA']
MTE5887	Additive Manufacturing (AM) of polymeric materials is an important manufacturing platform for the fabrication of functional and customisable engineered products. This unit will provide an overview of existing additive manufacturing processes such as 'fused deposition modelling', 'stereolithography', 'polymer jetting' and 'powder bed fusion'. Each of these technologies relies on the appropriate selection of a polymer and the fundamentals of different classes of polymeric materials will be reviewed. Advantages and drawbacks of existing and emerging AM technologies will also be discussed. The unit will also investigate examples of the use of these technologies for the design and fabrication of functional polymeric parts. The students will obtain practical skills in 3D printing of polymers, computer-aided design and processing of polymers for Additive Manufacturing.	['Recognise and distinguish between the different classes of polymeric materials used for Additive Manufacturing.', 'Select the adequate Additive Manufacturing process based on the functional requirements of the product.', 'Demonstrate in-depth understanding of additive manufacturing technologies.', 'Discuss in detail the factors that affect geometric properties such as minimum wall thickness, minimum feature size and/or minimum space between designed surface of 3D printed part.', 'Choose appropriate strategy for the orientation of a 3D printed part on the build platform and the generation of the support structure in order to minimise postprocessing activities.', 'Demonstrate practical skills in 3D printing of polymers.']

FIT3179	Data visualisation is a powerful technique that allows us to use our visual system to understand data. Interactive data visualisation is now common in business, engineering and design and the social and physical sciences. This unit introduces the main kinds of information graphics and interactive visualisation systems and their areas of application. It investigates the reasons why visualisation can be effective and based on this students will gain experience in critically assessing data visualisations and in designing their own visualisations. Students will learn how to create visualisations with representative computer tools and gain experience in creating a data visualisation for an application domain of their choice.	['critically analyse data visualisations;', 'create effective data visualisations;', 'describe the main applications of data visualisation in business, engineering and design, and the social and physical sciences;', 'describe the advantages, drawbacks and pitfalls of the visual presentation of data as compared to its presentation using other media.']
MAE3401	This unit develops further the students' physical understanding and analytical skills by including compressibility effects and the viscous nature of aerodynamic flows and translates that into the ability to formulate, analyse and solve very general aerodynamic problems. It covers control volume analysis of steady, one-dimensional, linear and nonlinear compressible flows. Nozzle flows. Steady, supersonic, two-dimensional linear and nonlinear flows. Linearised compressible subsonic and supersonic flow. Introduction to transonic and hypersonic flow. Control volume analysis of viscous incompressible flow, boundary layer flow and free shear flows like jets and wakes, including momentum integral analysis, similarity analysis and similarity solutions of these equations as they pertain to wall bounded and free shear flows. Application of this knowledge to simple design problems.	['Formulate the equations governing compressible airflow, normal and oblique shocks and expansion fans using control volume analysis and the fundamental thermodynamic properties of gases', 'Apply the quasi-1D approximation principle to design supersonic nozzles (e.g. rocket propulsion), wind tunnels and diffusers.', 'Determine lift and drag on supersonic aerofoils using non-linear methods or linearised approximations as appropriate.', 'Determine the governing equations for viscous boundary layer flows, and apply these equations to calculate the drag due to skin friction in laminar and turbulent boundary-layer flows.', 'Determine engineering solutions for the aerodynamics of flight vehicles by synthesis of incompressible, compressible, inviscid and viscous flow theories']
BTW3233	This unit covers the main areas of conventional and Islamic financial regulations. This includes aspects of the legal environment that affect financial decisions, transactions and relationships in both conventional and Islamic finance. Topics covered are chosen from the laws regulating the financing implications of different forms of business organisation; financial institutions and the financial institutions/customer relationship; cheques; the laws regulating business finance and security and guarantees.	['analyse conventional and Islamic finance law problems with the necessary awareness to plan and structure an appropriate answer', 'effectively apply problem solving strategies that includes clear presentment of a legal argument, and critical and creative thinking', 'identify, evaluate and implement appropriate strategies for resolution of conventional and Islamic finance law problems', 'be innovative in resolving conventional and Islamic finance law problems', 'be able to reference sources of information in written work.']

FIT5083	Transmission media impose various and often unique constraints on the design of networks and their achievable performance. This unit will cover key performance concepts in copper cables, optical fibre cabled and wireless transmission media. This includes atmospheric propagation impact on QoS, satellite and wireless systems, Wifi, WiMax network propagation issues and planning concepts, and satellite and terrestrial service planning concepts. The infrastructure requirements, reliability and maintainability of networks with specific transmission media will be covered, including the application of GIS, Internet of Things (IoT) and wireless sensor networks in design and planning for terrestrial, mobile and cellular systems.	['describe basic communications and network infrastructures;', 'analyse and evaluate communications and network infrastructures for enterprises;', 'use latest wired and wireless network technologies in building network infrastructures.']
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.']
ATS3129	Students are placed as interns with a host partner organisation and complete either a unique research project or work experience-based project jointly defined by the host partner organisation and the unit coordinator. The host partner organisations are from a diverse range of industries and sectors, including government departments, private industry and not-for-profit organisations. Students communicate the research or work experience in a final project in the format specified by the host partner organisation, such as a research report, consultation paper, manual or submission. The host partner organisation provides field supervision and the faculty provides academic supervision.	['Apply broad discipline knowledge to design a proposal for a final project relating to an internship.', 'Exercise critical thinking and professional judgement by developing a plan for a final project relating to an internship.', 'Demonstrate critical reflective practice skills as a result of completing an internship.', 'Demonstrate advanced communication skills by reporting on an aspect of the work undertaken for an internship.', 'Execute a final project with a degree of independence and accountability relating to an internship.']

ATS2784	This unit provides students with an opportunity for a critical engagement with contemporary scholarship on the sociology and political economy of news production; news organisations and practices in the public, private and not-for-profit sectors; news media formats and representation. It asks students to think critically about industrial and post-industrial news media; journalism, public relations and politics; journalism and social diversity; journalism and the public sphere; technologies, time and space in news media. The unit takes a comparative approach to historical and geographical contexts.	['demonstrate a satisfactory knowledge and capacity to make effective usage of the academic literature in the sociology and political economy of journalism;', 'demonstrate an ability to research, discuss and analyse issues in a clear, concise and rigorous way;', 'collaborate constructively with fellow students in learning and discussion processes, including online forums;', 'produce their written work to deadline making effective use of the conventions of scholarly presentation(references, bibliography, etc);', 'work independently and in groups to achieve their learning outcomes;', 'demonstrate a critical awareness of the strengths, limitations and socio-professional implications of scholarly practice in journalism studies.']
NUR2229	The unit introduces students to the management of pain, oncology, palliative and end of life care, decision-making and psychosocial considerations.	['Critically reflect on key principles, philosophies and approaches that underpin the care of patients requiring acute or persistent pain management, oncology, palliative and end of life care;', 'Critically examine the role of nursing as part of the interprofessional team in pain management, oncology, palliative and end of life care;', 'Outline the pathophysiology related to pain, oncology and palliative conditions.', 'Describe the use of pharmacological and evidence-based complementary therapy options for management in pain, oncology, palliative and end of life care treatment and the common effects experienced by patients receiving related therapies.', 'Discuss the mental health considerations when providing care for individuals experiencing pain and receiving oncology treatment, palliative or end of life care', 'Apply knowledge of legal and ethical considerations to advanced care planning, advocacy and guardianship.']
MKX5123	This unit is designed for entrepreneurial aspirants. It will help build skills to develop innovative strategies for new entrepreneurial ventures. The unit will focus on the entrepreneurial innovation process, and will provide students with the opportunity to develop and present an imaginative and creative entrepreneurial business plan.	['recognise, identify and reflect on possible entrepreneurial opportunities and ideas', 'employ innovative strategies for new entrepreneurial ventures', 'develop and present an imaginative and creative entrepreneurial business plan', 'analyse the evolution of entrepreneurial innovations.']
MSC4110	Students are required to complete a research project involving some original work on a topic chosen in consultation with the unit coordinator and their academic supervisor.	['NA']

CIV6301	This unit is designed to lay important foundations of traffic engineering knowledge. It is designed to develop students' understanding of contemporary topics in traffic flow theory and their applications. The course is also designed to provide a rigorous and practical coverage of the collection of traffic data. The traffic surveys component of the course will cover traditional techniques for counting, classification and origin-destination surveys and we will also consider the capabilities of new traffic data collection equipment.	['describe advanced contemporary traffic flow theories and apply to solve practical traffic problems', 'perform traffic data analysis methodologically', 'apply analytical technques in the design and operation of traffic systems', 'evaluate the role of Intelligent Transport Systems in Dynamic Traffic Management']
CHE3171	This unit explores how scalable, commercially viable process-unit operations are harnessed by the biotechnology industry for the production of valuable biomolecules (eg recombinant proteins, peptides, vaccines, enzymes, and nucleic acids). The design, operation and economic issues surrounding large-scale biomolecular process equipment including bioreactors, filtration systems, chromatographic columns, sterilisation and aseptic operation, auxiliary equipment and the associated control systems will be considered. The wider biotechnology environment will be considered especially with regards to GxP, national and international regulatory bodies, biosafety and commercialisation.	['Describe biological systems and molecules and how these are harnessed in biotechnology.', 'Analyse the performance of unit operations involved in bioprocessing.', 'Generate a process flow diagram for a bioprocessing plant.']
MBA5212	Topic 1: Design thinking	['integrate knowledge from the three topics to apply the methods of design thinking to create strategies for an organisation or industry', 'integrate knowledge from the three topics to evaluate the commercialisation of technology process in an industry or organisation and develop recommendations', "integrate knowledge from the three topics to evaluate an organisation's financial strategy and develop recommendations."]
AZA1306	This unit aims to equip students with basic concepts in human geography required to understand, interpret and synthesise information on the world around us. It creates a foundation for advanced studies in geography by providing a broad understanding of human interaction with the environment.	['Understand similarities and differences between places, localities and areas in a wide range of the human landscape.', 'Understand interactions between people and their environments at a variety of geographical scales ranging from local, through regional and national to, increasingly, global.', 'Synthesise and interpret relevant material and to communicate ideas to others in a coherent manner, by either written or verbal means.', 'Be familiar and proficient with some simple techniques for conducting research and analysing data.']

NUR5327	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.	['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.']
NUT4122	Each student will undertake a research project under the supervision of an approved member of the academic or research staff of Monash University. The choice of project and supervisor will be the responsibility of the student, in consultation with an academic advisor from the Nutrition and Dietetic unit. The research project will constitute the major portion of the students' work and will be conducted over a full year. This unit will include data collection and analysis and Thesis preparation. Students will present their research results in a seminar format.	['execute and analyse a research project, or analyse a set of studies;', 'proficiently use computer based data manipulation, analysis, presentation and word processing;', 'write up scientific work in a report suitable for publication;', 'demonstrate well developed communication skills in both oral and written presentation to specialist scientific audience; and', 'demonstrate a range of technical skills related to the research process appropriate for their project.']
MKC3110	This unit applies a market focus to the process of analysis and strategy development. Using marketing planning as a framework, the contribution of marketing strategies to the attainment of firm goals is explored.	['distinguish the nature of marketing decisions that a firm makes according to the hierarchy of strategy', 'explain the contribution that marketing makes to the value of the firm', 'conduct analysis of the internal and external environments of an organisation that informs marketing strategy development', 'formulate and recommend marketing strategies that add measurable value to the organisation', 'develop the written and oral communication skills required to justify a strategic recommendation.']

MKF5505	This unit will examine marketing activities undertaken by organisations with a special emphasis on the healthcare industry. It provides an introduction of marketing concepts and techniques covering aspects like value exchange, development of corporate and marketing strategic plans, product and service development, the use of marketing decision making tools and fundamentals of consumer behaviour.	['examine the concepts and theories of marketing and apply them to health administration and healthcare', 'apply key techniques and tools of marketing management to healthcare environment', 'examine the scope and role of the marketing function and its relationship to organisational strategies and critically evaluate how functional marketing plans can be developed and implemented in the healthcare context', 'assess the marketing challenges facing firms in a more competitive global market place.']
FIT5170	This unit focuses on the design and programming techniques essential for developing distributed software systems and applications - with Java as the teaching language. The unit presents concurrent programming primitives and concepts for distributed systems. The unit also focuses on application of concurrent techniques in distributed system designs. Programming and implementation issues and techniques of distributed applications are studied. Enabling techniques for building distributed systems are analysed and evaluated. Distributed Software Patterns are presented. The unit also includes case studies of distributed programming paradigms and their applications (e.g. JINI, JavaSpaces).	['analyse critically and reflect on the concepts and characteristics of distributed and concurrent software;', 'identify and evaluate common distributed and concurrent software designs;', 'design distributed software applications using typical distributed software architectures;', 'write distributed and concurrent software programs.']
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.']
MAE4411	This unit provides students with the necessary skills and knowledge in solid mechanics to confidently analyse and design engineering components and structures with particular reference to the aerospace industry. Each part of the unit contrasts theory and practical application in order to impart a practical appreciation of the knowledge gained. The role of approximate methods of analysis and their interaction with practical situations is highlighted. Constant use is made of real-life problems from the aerospace industry.	['Describe the relevance of strength and stiffness aspects of aircraft structures and components, including stressed skin construction.', 'Select appropriate modelling tools and analytical methodologies to analyse structural aerospace problems.', 'Address the interaction between, often conflicting, requirements in the design of airframes i.e. aerodynamics, avionics and propulsion.', 'Interpret and translate real-world forces into abstract form for engineering modelling of airframes.', 'Manage the relationship between analytical methodologies and real-world aircraft design.', 'Design original solutions to new engineering problems in the aerospace industry.']

ACS1000	This unit is an introduction to basic concepts in accounting and finance and the application of these concepts for decision-making by a wide range of potential users (e.g. shareholders, investment analysts, lenders, managers etc.). This unit should benefit students who wish to specialise in accounting and finance, and will also be of value to students whose primary interest lies elsewhere in the field of business. On completion, students should have a clear understanding of the accounting process and the language of accounting to enable communication with an accounting professional, understand the relevance of accounting information for informed decision-making by a wide range of potential users, and have the ability to analyse and interpret accounting information.	['describe the elements of financial statements, apply double entry recording and prepare basic financial statements', 'analyse and interpret financial statements and explain their use for decision making', 'prepare and interpret information (financial and non-financial) for managers to use in planning, decision making and control', 'describe basic finance concepts and apply financial mathematics to investment decisions', 'apply critical thinking, problem solving and presentation skills to individual and/or group activities dealing with introductory accounting and finance principles and demonstrate in individual summative assessment tasks the acquisition of a comprehensive understanding of the topics covered in ACS1000.']
CDS2523	This unit will enable students to apply advanced principles of coding, from concept to implementation, to create unique forms of data visualisations.	['Examine the unique characteristics and context of data visualisation in historical and contemporary culture, and the relationship between data, information and content;', 'Create dynamic data visualisations through the application of advanced coding principles, from concept through to implementation;', 'Organise and plan content development prior to data visualisation using a range of data management processes;', 'Produce design specification documentation applicable to data visualisation, integrating key terminology and data management processes;', 'Apply advanced knowledge of the structural organisation of computer code to explore how data can be used to generate unique interactive visualisations;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']
APG5229	The unit examines the process of economic development and its effects on prosperity, poverty and sustainability. The unit begins by studying the sources of prosperity via economic growth in the modern era, with particular reference to the Great Divergence in incomes that started during the 1800s. Second, the unit asks why some economic systems have prospered, whilst others have declined by turning its attention to disparate experiences of world-wide economic growth such as poverty and starvation. Finally we study the effects and prospects for future economic development in the context of environmental sustainability and climate change.	['An understanding of economic analysis as a key tool in explaining and understanding the disparate levels of wealth observed in the modern world', 'Knowledge of the key components of Economics thinking', 'The ability to use this analysis to identify the underlying causes of economic prosperity, poverty and environmental degradation in the modern global economy', 'Skills in critical analysis of policies aimed at alleviating global poverty such as the Millennium Development Goals, especially as they relate to sub-Saharan Africa', 'Skills in the critical assessment of academic contributions to issues of economic development and growth']

MTE3542	This unit deals with structural and chemical changes (phase transformations) at the atomic scale and impacts of such changes on the performance of materials in structural applications. The major strengthening mechanisms involving interactions of dislocations with obstacles are discussed This unit examines the factors that are important in influencing the structural and chemical changes and the principles for microstructrual design. It demonstrates how to use the design principles to manipulate, in a controlled manner, the alloying additions and thermomechanical processing to tailor the properties and thus the performance of materials.	['a thorough understanding of the characteristics and mechanisms of solid-state phase transformations in and their impacts on the performance of engineering alloys', 'an understanding of the role of dislocations in determining the mechanical properties of metals and alloys', 'in depth understanding of strengthening mechanisms in metals and alloys', 'a knowledge of basic principles of microstructural design.']
ATS2723	Doing social science research requires us to think conceptually, to systematically plan how we might obtain valid information relevant to the research questions we are asking, and to analyse information. Because social science research draws on people's experiences, its conduct inevitably raises ethical and political questions. In this unit, we will discuss these issues. We will also consider various qualitative and quantitative research strategies and data gathering techniques available to us when we seek to document the social world.	['An understanding of the strengths, limitations and appropriate applications of quantitative and qualitative approaches to research;', 'Knowledge of methods commonly used in both quantitative and qualitative research;', 'Understanding of the theoretical, practical and ethical considerations in research;', 'Knowledge of issues related to the design and implementation of social science research.']
TRC3801	Manufacturing Operations, Models and Metrics. Automation and NC/CNC. Material Transport and storage systems. Manufacturing Systems: Single cell, Assembly line, Cellular Manufacturing and Flexible Manufacturing systems. Manufacturing Support Systems: CAD/CAM/CIM, Process planning, Production planning including material requirement planning, manufacturing resource planning, shop floor control, inventory control.	['Describe different types of manufacturing and production systems.', 'Generate Computer Numerical Control (CNC) code for the creation of simple features and parts using different positioning systems.', 'Analyse different material handling, storage and manufacturing support systems.', 'Quantify the performance of cellular and flexible manufacturing systems, and manual assembly lines.', 'Address modern manufacturing philosophies, such as Just In Time (JIT) and Lean Production systems.', 'Design an advanced manufacturing system.']
BFM5959	This unit provides an introduction to terminology, concepts and techniques used in accounting and finance. Important areas to be discussed include understanding financial statements, basic analysis of financial statements, working capital management, the framework of capital budgeting, and time value of money. International issues in accounting will also be examined. The emphasis will be on decision making and value creation in a global environment.	['develop an understanding of the nature and roles of accounting and finance in managing in a global environment', 'explore the process of value management in a global world', 'develop competencies and computational skills required to prepare and evaluate the strategies and tactics associated with value creation', 'develop an appreciation for the relevance of theory and its linkage with practice', 'apply critical thinking, problem solving and presentation skills to individual and/or group activities dealing with principles of accounting and finance and demonstrate in an individual summative assessment task the acquisition of a comprehensive understanding of the topics covered in the unit.']

APG5081	This unit provides broad coverage of public health ethics, which has been one of the fastest growing subdisciplines of bioethics during the 21st century. Following philosophical analysis of the concept and goals of public health, it examines ethical issues associated with health promotion, obesity, tobacco, vaccination policy, pandemics and other public health emergencies, global justice and access to medicines, social determinants of health, public health research and surveillance, and 'nudge' interventions.	['To obtain familiarity with ethical issues arising in public health practice and policy making;', 'To understand the ethical frameworks and principles specific to public health practice and policy making;', 'To be able to use public health ethics frameworks and principles to arrive at well-argued conclusions about particular dilemmas in public health practice and policy making;', 'To be able to critically engage with the public health ethics literature and construct arguments for novel conclusions in relation to that literature.']
SCI4501	Working in collaboration with innovative industry partners and the Faculty of Science, students will complete an independent research project. Through this process, students will be connected to industry partners to gain an understanding of the challenge that has been set, the nature of the industry and stakeholder needs. This is the preparatory unit to develop student's theoretical understanding of the industry challenge in preparation for the development of the project plan and commencement of the group based Challenge project in SCI4502.	['Undertake and interpret independent research to demonstrate a critical and analytical understanding of the current scientific, social, corporate and/or political contexts of the project;', 'Execute a stakeholder analysis and appraise a range of needs to evaluate and illustrate the problem;', 'Integrate research into a professional report that articulates the problem and possible solutions and shows critical thinking and persuasive communication;', 'Use persuasive presentation skills to articulate the problem and possible solutions.']
ATS3820	Students will learn fundamental conducting techniques, including basic beat patterns. Students will be required to propose a program of works to be arranged and/or conducted for performance by an approved ensemble. Students will develop approaches to interpretation, and refine baton techniques specific to their program choice.	['Demonstrate skills and knowledge required to successfully create musical materials for a potentially disparate group of musicians.', 'Offer musical and artistic direction to a potentially disparate group of musicians to realise a successful performance.', 'Demonstrate intermediate skills in conducting, orchestration and ensemble management.']
EAE3022	Groundwater is a critical resource and an essential component of the natural environment. This unit addresses groundwater flow and the hydrological cycle, groundwater chemistry and the origins of solutes in water, use of isotopic tracers to understand hydrological processes, the interaction between groundwater and surface water, groundwater as a resource, and contamination of groundwater. These topics are essential for understanding and managing groundwater and surface water resources and for environmental management.	['Describe the physical movement of water within the hydrological cycle;', 'Determine the origins of solutes in water and how solute chemistry informs our understanding of hydrological processes;', 'Discuss concepts of groundwater residence times and how these impact on the sustainable management of water resources;', 'Explain the role of groundwater in maintaining river flows and sustaining ecosystems;', 'Indicate the main threats to groundwater, including pollution, pumping, and climate or land use change and also be able to identify management and mitigation strategies.', 'Interpret and integrate hydrological data.']
FIT4448	This unit is a research unit and a core requirement for the Bachelor of Software Engineering Honours stream. Due to the nature of IT, a wide range of Honours project types can be offered to students. Some project components are of a practical nature and may involve some software development and/or experimentation, while other components are of a more theoretical nature.	['design a rigorous Bachelor Honours level research project and develop project proposal;', 'critically review research literature, research design and reported findings;', 'evaluate and select research methods and techniques of data collection and analysis appropriate to particular research designs, projects and disciplines;', 'conduct ethical research;', 'communicate research findings in written and oral form in research and industry settings.']

FIT5205	In the digital world, how we communicate, conduct business and socialize is revolutionising our way of life. The explosion of data and discovery are transforming the way we live and work, altering relationships between government and citizens, businesses and consumers, the researchers and the researched, the public and private sectors, the individual and society. This unit explores how big data analytics can potentially help grow the economy, improve health and education, support national security, protect the environment, enable more energy efficiency, drive innovation and progress, and support more resilient, sustainable communities and cultures. It also addresses the risks associated with the application of big data analytics in government and big business to support greater surveillance of citizen by state and consumers by business, disempower individuals and vulnerable communities, support discrimination, threaten social inclusion, social justice, human and civil rights, self-determination and privacy, and widen the divide between the data haves and have-nots.	['explain social, cultural and heritage informatics;', 'describe and analyse digital media/data ecosystems;', 'analyse issues relating to the benefits and risks of big data in society;', 'investigate how rights in data, rights to self determination, privacy rights, access rights, discovery rights, IP and copyright apply in different contexts/scenarios;', 'develop recommendations for socio-legal and policy frameworks and strategies for transparency, good governance, accountability and ethical practice in data management and use, including data rights management;', 'analyse needs and issues relating to the use big data to support resilient, sustainable communities and cultures.']
ATS3833	The unit investigates the processes involved in writing and creating performance works and performance texts of those works. Various strategies of initiating new work, including the possibilities of various sites and modes of performance, will be explored. Students will work under guidance to take these projects to public presentation standard. Students will then write either a performance text of the work they have created or an analysis of the writing/ performance project. To contextualise the chosen investigations there will be a weekly program of readings, discussions and class presentations.	['develop a pitch and proposal for future work;', 'initiate, research and develop a detailed and theoretically informed performance work-in-progress;', 'pitch a creative work in an authentic industry context;', 'read, analyse and discuss the writing practices of selected performance practitioners;', 'explain a range of theoretical ideas currently informing performance practice, both in engaging, live presentation and in clear and cogent written work.']
AZA2625	The unit explores international migration through an interdisciplinary lens. It includes a historical overview of international mobility, pertinent international case studies and theoretical attempts to explain migration. Combined, these dimensions provide insight into the social and cultural experiences of migrants from around the world. The aim is to understand the implications of human movement for emerging trends that will characterise life in the 21st century.	['Recognise the categories of migrants;', 'Appreciate the peculiarities of the contemporary migrant experience;', 'Understand the major theoretical explanations for international migration;', 'Understand the major causes and impacts of international migration in Africa; and,', "Critically analyse selected social categories through which 'people who move' are perceived and represented."]

AZA2045	The unit is designed to provide students with the knowledge, understanding, skills and experience in applying traditional and new media technologies to public relations practice. The unit addresses the use of the traditional media such as print, radio and television in ensuring publicity opportunities in South Africa. Students are also introduced to the developments in new media technologies, and shown how these are applied towards enhancing public relations efforts. Students will learn how new media technologies are used by PR professionals to develop online strategies, such as building personal or company profiles, expanding existing networks, communicating more effectively with key publics, gaining media attention, managing online reputations and attracting sponsorships.	['Understand the role and use of publicity in public relations;', 'Compile media kits for launches and events;', 'Develop media plans as part of a campaign;', 'Write fact sheets, releases and arrange radio interviews and television appearance for corporate representatives;', 'Develop effective media relations', 'Acquire sound knowledge of how new media technologies are changing PR practices;', 'Understand how new media technologies are applied to PR activities such as managing campaigns, managing online reputations, and crisis communications;', 'Use online tools for PR activities;', 'Evaluate the relevance of various new media technologies for PR applications.']
OPM5002	Organisational innovation, R&D; and new product/service development are particularly challenging for project management. Such projects are uncertain, ambiguous and complex and require different management approaches. This unit will explore alternative tools and techniques, focusing on design thinking, to provide the necessary means to manage and deliver such projects.	['Contrast and evaluate appropriate advanced project management perspectives to meet contextual demands and communicate findings.', 'Appraise the concepts of innovation in the context of delivering projects.', 'Critique the project management theory in the context of delivering innovation projects.', 'Assess the application of design thinking and solution development to manage innovation projects.']
MED4000	MED4000 provides an overall result for Year 3B and 4C MBBS based upon achievement in Year 3B and Year 4C. A grade will be awarded for MED4000 which is based on student achievement in MED3051, MED3062, MED3200, MED4091 and MED4200.	['NA']

VPR2011	Research Practices Advanced is a core unit in the Visual Arts sequence, and is the first of the two second year units. This unit is a practice driven, workshop based unit which develops a variety of methodologies and their contribution to a research practice in visual culture. It is designed to further develop, challenge and expand how students think about making artwork and to synthesise research interests, building on VPR1113. A series of individual and collaborative exercises and projects are presented to extend and further foster creative research skills and consolidate students' material skills. The main emphasis of this class is to demonstrate how thinking operates through making. Fabrication processes in the workshop can be in any medium from across two- and/or three-dimensional works, to sound and performance. The aim of these exercises is to further extend each student's capacity for production, creating a pool of ideas, strategies, forms and processes for students to draw on and develop as they progress through the course. Teaching methodology involves critical dialogue, classroom discussion and peer review. This unit presents a broad range of approaches to contemporary art and its institutions for those wishing to work in the arts industry as artists, curators, arts writers, educators or practitioners. Research Practices encourages an experimental approach to conceptual, material and public outcomes. Safe and sustainable approaches to fabrication and materials are core values in the unit.	['Initiate a broad range of conceptual and analytical approaches to projects;', 'Experiment with a variety of materials and technical approaches in relation to emerging research questions;', 'Undertake interdisciplinary, collaborative or curatorial approaches in contemporary visual art practices that are consistent with their emerging research questions;', 'Synthesise strategies of observation, analysis, experimentation and critique within a developmental process where deemed appropriate to respond to various assigned presentation contexts;', 'Contextualise through writing their work and the work of others and its theoretical and material rationale within the field of contemporary visual art;', 'Understand and apply the rules of occupational health and safety appropriate to sustained independent studio practice and in order to collaborate safely with peers.']
PGP5011	Applied Pharmacy Practice 1 is undertaken during the pharmacy internship year. This unit enables pharmacy graduates to build upon their knowledge and experience and to develop the competencies required for independent practice as a pharmacist. The unit explores the day-to-day practice of pharmacy including therapeutics, problem solving, evidence based practice, medication management, patient monitoring, adherence to medication, the application of professional pharmacy standards and competencies, the ethical and legal aspects of pharmacy practice, multidisciplinary approaches to health care, primary care, communication and counselling, health promotion, pharmaceutical calculations, extemporaneous dispensing, risk management and dealing with difficult situations in practice. In this unit, students will enhance their technical, clinical, personal and professional skills.	['Demonstrate a sound understanding of the legal, professional and ethical framework for pharmacy practice in Australia.', 'Demonstrate strong problem solving skills and apply professional judgement in a range of areas including prescription problems, therapeutic problems, and legal and ethical problems.', 'Apply evidence-based principles to the practice of pharmacy.', 'Promote and contribute to optimal use of medicines.', 'Provide primary health care, including: identifying symptoms, knowing when to refer patients for medical evaluation, and recommending appropriate non-prescription products.', 'Effectively communicate medication-related information to patients and other health professionals.', 'Solve simple and complex pharmaceutical calculations.', 'Understand the nature and importance of multi-disciplinary care.', 'Apply organisational skills and manage work issues and interpersonal relationships in pharmacy practice.']

AHT3120	This unit looks at key moments in history in which art and artists have actively strived to generate social change. With a particular focus on the late 20th and 21st centuries, Art and Social Change critically explores the dynamic sites in which art, life and activism intersect. Diverse contexts and artistic practices will be examined. Topics include the use of art in political propaganda, culture jamming, identity politics, indigenous art and politics, the environment, art and the impact of global terrorism, and critiques of the art world itself. These thematic weekly study topics will be complimented by discussions of theory from key writers and theorists in the field.	['Have developed an appreciation for the diverse ways in which artists have intervened in the social world since the modern period;', 'Approach art history with an appreciation for the social and political forces that inform art practice;', 'Be able to analyse activist art critically in a manner that reveals the strengths and weaknesses of different artistic approaches;', 'Be familiar with the key political philosophies that have informed the production and reception of politically motivated art;', 'Be able to express verbally and in writing critical points of connection between art and social change;', 'Understand the links between practice, theory and spectatorship in activist art.']
MGF5976	Identification and evaluation of the firm's competitive position, its markets, government policies, social issues, emerging trends and key factors which are critical for success in its environment. The crafting of an appropriate strategy supported by structure, controls and rewards.	['understand the dynamic nature of business and the strategic management processes employed by businesses to gain sustainable competitive advantage', 'develop analytical skills to plan the future of an organisation in its competitive environment from the viewpoint of the chief executive', 'identify the necessary skills for developing and implementing strategies that will enable the organisation to achieve competitive advantage and sustainability', 'critically analyse the strategic management theories and practices to apply to organisational realities', 'develop management skills and knowledge to examine strategic management challenges from strategy, change and learning perspective.']
MGF5911	Foreign policy involves relationships with other governments over which little control is directly exercised. Diplomacy as the art of persuasion is therefore an integral part of foreign policy. Just as democracy has transformed the domestic political environment of many countries since the eighteenth century, self-determination has transformed the international political environment in the twentieth century. The two traditions in statecraft -- one moral and universalist, one pragmatic and promoting the 'national interest' -- are tested in the context of bilateral, regional and multilateral modern diplomacy. Case studies in the Asia-Pacific and the challenges facing foreign policy.	['acquire the principles and practices of diplomacy, statecraft and international relations', 'reason in an informed way regarding diplomacy and statecraft', 'analyse and report on the international political and security environment', 'read critically and construct a sophisticated argument in relation to questions of diplomacy and statecraft.']

MID3104	This practice unit complements the theory unit Childbearing obstacles and will focus on students developing their knowledge and skills relating to the obstacles women may experience during pregnancy, labour and birth and the first weeks after birth. Emphasis is given to the recognition of problems and the collaborative and referral role of the midwife. Whilst recognising the role of other healthcare practitioners, midwifery care will be central. Students will be introduced to the use of medical technology and obstetrical intervention whilst maintaining a woman-centred focus.	['apply appropriate knowledge in the care of a woman experiencing obstacles in childbearing;', 'develop plans of care for women experiencing obstacles in childbearing;', 'demonstrate understanding of specific conditions that affect pregnancy, labour and birth, and the first few weeks after birth;', 'evaluate the implications of obstetric interventions in maternity care;', 'critique the use of technology in maternity care;', 'demonstrate beginning skills in the use of technology in midwifery and obstetric practice;', 'demonstrate the ability to manage emergencies;', 'demonstrate the ability to practice within a multidisciplinary team;', "facilitate woman's access to appropriate community resources;", "document the ongoing relationship with the women and families that the midwifery student follows through in a way that reflects their own involvement and actions and the rationale for these, as well as the families' actions and attitudes and responses to midwifery care; and", 'demonstrate midwifery competency based on the selected ACMI Competency Standards.']
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']
ATS2331	This unit introduces students to the study of music in different cultural contexts. Culturally-specific approaches to performance, composition, music technology and ethnomusicology/musicology will be investigated in their environments. The focus of the unit will be a reflective approach to the integration of diverse traditions of music into individual creative and research activity. Courses are offered subject to availability and may be stream-specific.	['Understand the practice of music in diverse historical/social/cultural contexts.', 'Evaluate practical and theoretical approaches to music performance, composition and research.', 'Apply this knowledge to their personal music practice.']
FIT3175	This unit explores the underpinning theories, principles and practices of interface design to achieve usable computer-based systems. It examines issues in the design of system interfaces from a number of perspectives: user, programmer, designer. It explores the application of the relevant theories in practice. The unit will cover topics such as methods and tools for developing effective user interfaces, evaluation methods such as the conduct of usability and heuristic evaluations, design of appropriate interface elements including the design of menus and other interaction styles. The unit will also focus on designing for a diverse range of users and environments.	['explain the theories and principles of usability as applied to interface and interaction design;', 'apply usability principles to the design of interfaces for Web, small screen and mobile devices;', 'design an interface for user diversity and accessibility;', 'employ user-centred design;', 'evaluate an interface and interaction design.']

CHM4201	All students will undertake a Professional Studies topic and one core topic defined by the School, as well as three elective topics from specialised areas of chemistry, such as pericyclic reactions, separation science, advanced organic synthesis, main group inorganic chemistry, supramolecular chemistry, computational chemistry and electron microscopy. Each topic will require students to attend 8 lecture equivalents making a total of 48 lecture equivalents for the unit. Further information is available from the course coordinator and at a meeting held with prospective students during second semester of third year.	['Develop a realistic experimental plan, including a timeline, for the research project undertaken in CHM4100;', 'Appreciate and outline the key principles in Intellectual Property as it relates to the discipline and the CHM4100 research project;', 'Use and critically evaluate the extant OHS software;', 'Efficiently and competently use appropriate bibliographic software (eg. EndNote);', 'Explain the operation of, and where relevant and appropriate, competently use, the equipment discussed in the workshops component of this course;', 'Demonstrate an appropriate high level of understanding of the material presented in the selected lecture modules - this understanding is demonstrated through the relevant assessment tasks.']
ATS1297	This unit introduces students to academic writing and the attitudes, values and practices of academic culture. The unit will help students to write effective essays at a tertiary level. There is a particular focus on how academic writing presents clear reasoning with evidence to support a position, and how the academic essay differs from other types of non-fiction writing, such as the opinion piece. Students will learn key principles of grammar and academic style conventions, as well as how to use sources correctly (finding, referencing, quoting, and paraphrasing) and avoid problems of plagiarism. Students will also learn how to plan, research, edit, and proofread essays to a high standard .	['identify and explain core attitudes, values and practices of academic culture and how academic writing reflects these;', 'reflect critically on the differences between academic and opinion writing and apply this understanding in the composition of academic essays;', 'utilise primary, secondary and tertiary sources in digital and print in their research;', 'apply scholarly principles of referencing, quoting, paraphrasing;', 'recognise and use the fundamental concepts of grammar, punctuation, spelling, usage and style;', 'self-edit and revise writing in an academic context.']
AMU1305	Film studies: Forms and approaches gives students an overview of the discipline of Film studies. Weeks are devoted to the close analysis of film, with topics focusing on key formal and stylistic elements, such as narrative, mise en scene, camerawork, editing and sound. In addition, students will become familiar with some of the main theoretical approaches used in Film Studies, such as authorship, genre and national cinema. Throughout the unit emphasis is placed on situating films within their broader social, political and historical contexts, and in doing so students will engage with the ideological significance of cinema - how films offer particular, politically-loaded visions of life. Exploration of these issues is supported through weekly screenings, with a variety of films being shown, spanning a range of historical periods, genres and countries.	['Analyse films with particular attention to their main formal and stylistic features;', 'Identify techniques used to create meaning in films;', 'Apply theories from Film Studies to facilitate the analysis of films;', 'Evaluate critical debates on cinema and on particular films;', 'Plan and conduct written work on how meaning is created in cinema.']

FIT5057	This unit focuses on a holistic approach to project management. It provides students with a high level of understanding of the processes of project management, as well as sound skills in the use of project tools. Proficiency in using key tools and concepts could give students a significant competitive advantage in the market place. The content deals with: concepts and definitions; organising and staffing the project office and team; planning, scheduling techniques; cost control; risk management; contracts and procurement; etc. Case studies, articles of interest that may appear in current media, and students' own work experiences with project management, will be discussed to optimise the learning opportunity in the unit.	['analyse and evaluate the role of the modern project manager in the context of IT projects;', 'interpret and critique a variety of project management methodologies offered by various professional bodies including that provided by the Project Management Body of Knowledge (PMBOK);', 'describe and apply the available strategies, techniques and decision tools used by project managers to manage modern IT projects based on PMBOK methodology.']
BTB2220	Topics include the Corporations Act scheme; the role and functions of the Australian Securities and Investments Commission; the concept of limited liability; the effect of registration; the corporate constitution; the company's relationship with outsiders; share and loan capital; regulation of public fund raising; duties of directors, officers and promoters; rights of members and minority shareholder protection; forms of corporate insolvency administrations, particularly as they affect creditors, officers and shareholders.	['identify the important elements in the internal and external regulation of companies and how they may be used', 'explain the nature of trusts, the way they operate, and the rights and obligations of people involved in or dealing with trusts', 'analyse hypothetical case studies and formulate a legal argument by the application of statute and case law', 'critically evaluate the effectiveness of aspects of corporate law in the context of the changing needs of the community.']
UPD4201	This unit develops knowledge and skills around the legal and administrative frameworks that underpin the implementation of planning in Australia, set within national and international contexts. Students will critically analyse the roles and powers of governments, markets and communities, and their respective impacts on policy and planning instruments.	['Demonstrate a command of historical and contemporary approaches to the regulatory contexts shaping planning systems;', 'Demonstrate the ability to research and understand planning principles and frameworks in Australia in a global context;', 'Be able to interpret legal codes and policies and apply them through planning instruments;', 'Have developed an understanding of the complex political environments and the impacts of these on planning cities;', 'Understand and be able to apply the rules of occupational health and safety appropriate to the unit of study.']
CHE3164	This unit aims to develop a fundamental understanding of chemical reaction kinetics and reactor design, including:	['Appreciate the importance of chemical kinetics and reactor design in chemical industry.', 'Apply the fundamentals of chemical kinetics for complicated reactions.', 'Apply the fundamentals of kinetics of catalytic reactions, including some biochemical reactions.', 'Describe the fundamentals of reactor design.', 'Apply advanced mathematics to complicated problems of reactor design.', 'Analyse the behaviour of complicated reactors.', 'Apply the fundamental principles of reaction engineering to a wide range of problems, e.g. in traditional petrochemical and chemical industry, in pharmaceutical industry, in energy industry, in environmental protection.', 'Analyse new reaction engineering problems and formulating original solutions.']

MTE5883	This unit covers the manifestations and types of corrosion usually found in the field in areas such as marine, chemical, manufacture, transport and offshore industries.	['develop the knowledge of corrosion mechanisms in diverse environments to the advanced level required for an industrial impact.', 'devise various methods for corrosion protection and mitigation and assess their efficacy in real world applications.', 'contrast various approaches to corrosion mitigation in industrial applications via carefully coordinated guest lectures from key experts outside the University environment.']
TDN4102	This unit runs in parallel with the chosen studio program to reinforce the intellectual and design contexts for the studio exploration. Activities include ongoing reflection, documentation and contextualisation of students' research. Students will be expected to articulate processes, findings and implications uncovered through the studio project.	['Demonstrate reflective approaches for the production of design research;', 'Document and communicate the processes and findings of a design research project;', 'Locate their work in relation to socio-economic, cultural, design and intellectual developments relevant to design;', 'Select and apply appropriate design research concepts, strategies and methods;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']
PAC3522	This unit will provide students with a preliminary training in research in pharmaceutical science or pharmacy practice within the faculty as well as provide the knowledge of research philosophy and approaches.	['provide students with experience in an area of research', 'provide students with an insight into future opportunities in the area of research', 'encourage and attract high quality students interested in pursuing a career in research, the biotechnology or pharmaceutical industry or academia.', 'An understanding of some recent advances in research in pharmaceutical science or pharmacy practice and the literature within their area of research;', 'An appreciation of the need to define a hypothesis, design an approach to test the hypothesis, plan the experiments, undertake the experiments, analyse and interpret the data and write a research report;', 'An appreciation of basic research philosophies and approaches.']
RTS2001	This unit is designed to provide students with the opportunity to explore the role of the radiation therapist and the role of the multidisciplinary team in radiation therapy.	['Describe the specific needs of cancer patients and outline a range of cancer management strategies', 'Describe and apply the principles of radiation safety, quality management, occupational health and safety and organisational policy related to radiation therapy practice.', 'Describe the process of reflective practice and demonstrate critical reflection on experience', 'Explain and apply communication principles and techniques related to radiation therapy practice.', 'Determine the influence of socio-cultural factors on patient attitudes and responses to radiation therapy', 'Evaluate the principles of multidisciplinary team working and apply these to radiation therapy and wider health care practice']
ATS3240	The unit analyses the socio-historical context of modern and contemporary Italy through a reading of novels significant to the understanding of Italian culture and society. Attention will also be paid to the theory behind narrative techniques.	['NA']

MGX4200	Graphical and multivariate data analysis techniques to communicate information derived from large scale survey data. Desktop and mainframe information technology is integrated to analyse data from various surveys. Teaching strategies include weekly workshop sessions dealing with the principles of data analysis; practical computer laboratory sessions; individual and team-based exercises.	['select and conduct preliminary analyses of data in order to assess their suitability for further analysis', 'demonstrate proficiency in the use of data analytic software such as SPSS', 'analyse data using qualitative techniques (eg: content, thematic analysis) in order to answer research questions and/or test hypotheses', 'analyse data using quantitative techniques (univariate, bivariate, multivariate) in order to answer research questions and/or test hypotheses', 'interpret and report the results/findings obtained from qualitative and quantitative data analytic techniques.']
AZA2763	In order to prevent the development of serious problems or possible problems in children, the child and youth care worker needs to be knowledgeable about the risk factors that can contribute to serious developmental delays or deviations. The early identification of symptoms of a disorder facilitates early treatment and accurate referral, increasing the chances of a successful outcome for the child. Since childcare workers spend a large quantity of hours with children they are in the ideal position to not only identify problems early through risk factors and symptoms, but also with highlighting the protective or resiliency factors that will assist the child in overcoming challenges successfully.	['factual information', 'sources and resources', 'conceptual definitions', 'academic debates', 'analytic communication skills.\nUpon successful completion of this unit, learners will be able to demonstrate knowledge of and familiarity with the following types of information, academic perspectives and skills:\n\n\nUnderstanding assessment in the context of child and youth care.\nIdentification of the risk factors in the development of major childhood problems.\nDetection of symptoms of the most common childhood problems.\nRecognition of protective factors or resiliency in children and how to utilise this for the benefit of the child.\nUtilising the person-in-environment classification system to categorise childhood problems.\nWriting of assessment reports and giving feedback to caregivers.\n', 'Understanding assessment in the context of child and youth care.', 'Identification of the risk factors in the development of major childhood problems.', 'Detection of symptoms of the most common childhood problems.', 'Recognition of protective factors or resiliency in children and how to utilise this for the benefit of the child.', 'Utilising the person-in-environment classification system to categorise childhood problems.', 'Writing of assessment reports and giving feedback to caregivers.']

MAP5002	MAP5002 concludes a three-unit sequence (MAP5000, MAP5001 and MAP5002) which provides students with research experience.	['Complete the collection of data in accordance with the moral, ethical and legal responsibilities of scientific investigation, informing the research process and the overarching ethics approval.', 'Organise, analyse and interpret data meaningfully and according to the accepted practices within the research paradigm informing the research process.', 'Critically position their findings within the existing literature about the topic.', 'Generate defensible conclusions in respect to the significance of the research findings.', 'Demonstrate writing skills that meet the academic standards associated with a research thesis and (if relevant) a research publication.', 'Revise previous drafts in light of improved skills and increased knowledge of the topic area.', 'Manage time and resources in a collaborative manner.', 'Defend an informed position relative to a defined body of knowledge.']
ATS3226	The unit will consist of two integrated and complementary sections: Culture and Language.	['utilise grammatical concepts and vocabulary at a level equivalent to B1 of the European language framework;', 'competently communicate at a level equivalent to B1 of the European language framework;', 'analyse and discuss the interrelation between history and cultural production in 20th century Italy;', 'critically and creatively analyse cultural texts of historical relevance.']
TAD4503	This unit aims to help students develop their knowledge and understanding of various key theoretical writers and concepts relevant to advanced studies in contemporary art. Prevailing critical theories and terms are outlined in order to open up research venues considered particularly productive for the art researcher's own personal directions. The unit is designed as a training for independent research and encourages students to investigate a wide range of ideas circulating in contemporary visual culture.	['Be aware of current discourses in a range of disciplines which bear on contemporary artistic production;', 'Be able to pursue critical arguments with a sense of their ideological relativity;', 'Assess the bias of an investigative method, considering gender, class and ethnicity;', 'Understand methodology as a critique of method and be able to practice criticism in their chosen field;', 'Identify assumptions inherent in the formulation of critical questions and cultivate caution against prejudicing the outcomes of research by foreclosing on the terms of inquiry;', 'Be ready to explain the basis of art works not merely as the outcome of practical constraints but the expression of cultural values.']
APG5849	Under the supervision of suitable academic staff, students will conduct independent research on an appropriate topic. This research process continues in APG5850 Graduate research thesis B, as a part of which students submit their research thesis.	['Formulate a research project;', 'Conduct research independently;', 'Demonstrate a command of the relevant literature;', 'Critically analyse the relevant academic literature;', 'Develop an academically sound argument;', 'Demonstrate sophisticated written skills.']
AMG5742	In this unit, students to develop an independent research project related to communication and media studies. The topic is chosen by the student and developed with the advice and support of a supervisor. The project is written up in a minor dissertation, allowing the student to demonstrate advanced skills in research, writing and project management.	['Increased knowledge, skills, and attributes necessary for independent research;', 'An enhanced capacity to formulate and research communication issues;', 'An enhanced capacity to analyse and evaluate arguments, and to understand critical approaches to the planning, writing and editing of a research topic;', 'A capacity to design, manage, and carry out a research project.']

NUT5001	This unit uses chronic disease as the foundations and basis for dietetic students to develop their core dietetic practice assessment, counselling and management skills. There is an emphasis on person centred care and simulation provides a key platform for learning in this unit. A formative Objective Structured Clinical Examination (OSCE) sits within this unit to assist students' readiness for placement. Students are introduced to the healthcare system and a range of health care settings via an introductory clinical placement. This aims to commence the application of the nutrition care process, the use of food as a therapeutic tool, clinical reasoning, reflection and advanced communication and interpersonal skills required for dietetic practice. Attendance at this placement is compulsory. This unit supports students' progression towards entry level competencies in individual case management in the healthcare setting. Placement may take place outside of regular semester times. Students must have valid police check, WWC check and immunisation certificates in order to participate in clinical placements	['Apply and integrate knowledge of chronic disease into nutrition assessment and management plans using case based learning, simulation and placement experience in the healthcare environment.', 'Employ core dietetic practice skills - including interpretation of data, collection and analysis of dietary data, nutrition assessment, communication and intervention strategies to formulate and evaluate the elements of effective client centred nutrition care planning and delivery.', 'Apply knowledge and experience in a healthcare setting to begin practicing safely and professionally both autonomously and as part of the health care team.', 'Integrate a comprehensive knowledge of food diversity and food composition into dietetic practice.', 'Incorporate nutrition counselling theory and a range of communication strategies in developing practical, relevant and targeted nutrition interventions for various audiences.', 'Utilise reflection, professional and personal communication and teamwork skills to assist in critical thinking and problem solving skills.', 'Synthesise and communicate to peers key findings from the scientific literature and their relevance and application to nutrition and dietetic practice']
ATS2530	From their beginnings, films and television series have endlessly repeated the same stories. This unit explores the concept of genre, remaking and adaptation in relation to a selection of contemporary and historical film and television texts. This unit describes genre as a complex situation that is enabled and limited by the related roles and practices of industry, critics and audiences. This understanding of genre is developed through three broad approaches to genre as: industrial category-deals with issues of production, including commerce and authorship; textual category, considers plots and structures; critical category, investigates issues of reception, audiences and institutions.	['Recognise that meaning is not simply an intra-textual property of a particular text but an effect of historically specific inter- and extra-textual material technologies or institutions;', 'Demonstrate an understanding of the concept of intertextuality in film and television studies and its relation to genre through the categories of quotation, allusion, translation and adaptation;', 'Translate the in-principle concept of intertextuality into an understanding of the particular institutional structures that maintain the categories of film and television series, serials, remakes and sequels;', 'Display an ability to critically engage with written and visual texts in a clear and confident manner in both written and oral presentation.']

ASC5009	This unit begins with a focus on child and adolescent biopsychosocial development followed by an overview of the prevalence and patterns of substance use and other addictive behaviours in these populations.	['Identify and contextualise developmental factors that contribute to addictive behaviours in young people', 'Explain youth substance abuse in terms of family and social contexts such as trauma and youth disadvantage', 'Synthesise the available information on the impact of addictive behaviours on young people and families in order to demonstrate an understanding of the complexity of this issue', 'Reflect critically on psychological and sociological theories relevant to key contemporary issues in youth addiction', 'Evaluate and critique current responses to addiction including school-based interventions', 'Compare and contrast contemporary models of addiction behaviours among young people through an analysis of national and international research', 'Critically review the effectiveness of family-based interventions including Family Inclusive Practice and Parents Under Pressure', 'Critically appraise a range of youth-focused AOD treatment services and key elements of youth-focused service delivery', 'Critically review policy issues relevant to youth including those pertaining to social media.']
ARC1301	Explores the principles, history and methods of perspective and orthographic projection, and engages in the practice of descriptive geometry through the use of contemporary computer technology and computer aided drafting (CAD). Basic techniques of visualisation and the translation of traditional analogue modes of representation into the digital will be introduced, along with technical CAD modelling and drawing skills in both two and three-dimensions.	['Be aware of the function of computer aided drafting (CAD) as a fundamental tool of two and three-dimensional design;', 'Understand the transition between two-dimensional and three-dimensional systems of representation and their associated drawing conventions;', 'Have developed basic skills in computer aided drawing in two and three dimensions using industry standard hardware / software;', 'Understand the principles of descriptive geometry, its methods of representation and protocols of orthographic and axonometric projection;', 'Have basic knowledge of the theoretical and historical origins of perspective and orthographic projection as an analogue form of practice and representation;', 'Understand and be able to apply the rules of occupational health and safety appropriate to the unit of study.']
FOR4003	The unit aims to help students become familiar with the tools and vocabulary of ethical discourse in medicine. A framework for this discourse is built, based on the four basic principles of autonomy, beneficence, non-maleficence and justice. The elements which go to make up the Australian Legal System are covered as well as those particular areas of law relating to forensic medical practice, i.e. consent, confidentiality and disclosure, issues at both the beginning and end of life.	['Develop a high level awareness and understanding of the ideas and issues in medical ethics so that in practice the interests of their patients/clients are safeguarded.', 'Critically evaluate relevant areas of the law so that in practice their contribution to the justice system is optimal.', 'Appreciate the importance of both law and ethics in the treatment of patients/clients and the application of these principles to optimal pateint/client outcomes.', 'Acquire skills in the constructive approach to complex situations with competing ethical issues.', 'Critically evaluate your own practice through the lens of medical ethics and law.', 'Discuss and critically interpret issues related to justice in forensic medicine from the perspectives of law, rights and ethics.']

| NUR2445 | The aim of this unit is to provide registered nurses with a comprehensive foundation for the assessment of clients' health status in order to determine and deliver competent nursing care based upon the goals of health restoration, maintenance and promotion. | ['analyse health assessment data using a problem solving approach in order to develop an appropriate plan for client care;', 'relate the concept of holistic health to nursing health assessment and nursing practice;', 'identify communication skills that will enhance the nurse/client therapeutic relationship;', 'discuss the importance of using a practical framework for delivering appropriate client care;', "completely assess and record a client's health history; and", 'perform and document a systematic physical assessment.'] |