

Title	Synopsis	Outcomes
MAE5407	This unit aims to develop students' understanding of finite element analysis as it relates to airframe structures. Students will learn to translate real-world loading into engineering models using variational methods and minimum potential energy techniques and develop an understanding of the application of a range of finite elements and mesh generation techniques. An understanding of the choice of appropriate elements, aspect ratio, distortion limitations and reduced integration techniques will be sought. Skills in the use of commercial finite element codes, such as NASTRAN, currently used in the aerospace industry will complete the unit.	['NA']
FIT1052	From online entertainment to paying our bills with smartphones, computers are at the centre of our lives today. How did this change come about, and what has it meant for us as individuals, as well as for society more broadly? Starting with its origins in the world of government, the military and corporations, this unit explores the lasting impression that IT continues to make within the spheres of popular culture, work, politics, the law, and leisure.	['describe the fundamental features that distinguish information technology (IT) from earlier forms of technology;', 'understand and explain how advances in IT have impacted society, its structures, and the way information is used by its members;', 'develop and demonstrate critical reading skills by interpreting primary and secondary sources relevant to the history of IT in society;', 'critically evaluate the strengths and weaknesses of common scholarly explanations of the emergence and diffusion of IT within society;', 'critically analyse the impact of IT in a range of social domains such as work, the family, government and leisure.']
MEC3010	This unit aims to develop an understanding of Micro and Nanotechnology methods and techniques in a cleanroom environment, the design of process chains and the applications of devices that are currently being manufactured using them.	['Describe different types of manufacturing and production systems for micro and nanotechnologies.', 'Generate simple layouts for micro and nano-masks fabrication.', 'Analyse different Micro and Nanotechnologies techniques.', 'Design the process flow for the manufacturing of a micro and nanodevice in a cleanroom and construct it.', 'Analyse the operation of micro and nanodevices.']
ATS2171	This unit is designed for students with no or little knowledge of the Korean language to build a foundation in their basic knowledge of the Korean language and culture. Students will be introduced to contemporary Korean, with special emphasis on spoken usage for everyday situations. Students will also be introduced to a general overview and understanding of modern Korean history, culture and society.	['Participate in simple social conversations in Korean', 'Use basic 'survival' Korean for traveling in Korea', 'Communicate basic information about themselves and family members', 'Read and write simple Korean', 'Demonstrate a basic understanding of Korean culture and society, through theoretical frameworks', 'Develop a critical awareness of various issues arising in the globalised world, including rapid changes in current and future work places']
AZA3720	Youth form a distinctive sub culture within a society's broader culture. Its distinctiveness is associated with beliefs, behaviour and identity. This unit critically assesses the social dynamics of youth experience in contemporary society from an African global perspective. Topics covered include: youth sub - cultures, globalisation and consumption, the transition to adulthood, the influence of social media and social change, work and leisure.	['Articulate a critical understanding of the sociological imagination or perspective on youth issues;', 'Analyse and evaluate competing interpretations of youth issues;', 'Gain a greater understanding of historical and contemporary trends in the area of youth sociology;', 'Develop the skills to write and present arguments about young people and social change;', 'Develop the ability to critically apply theory to practice.']

AMG5018	<p>The unit looks at the "attention economy" as found in the media industry, paying particular attention to celebrity and fashion. Students are provided with a theoretical and historical understanding of publicity as a general field, from the emergence of the movie star and the development of magazine journalism to celebrity Twitter feeds and contemporary public relations.</p>	<p>['Demonstrate a theoretical understanding of the way in which attention is gained in communication and the media;', 'Show a knowledge of the historical development of celebrity and fashion;', 'Identify a range of professional practices organised around publicity;', 'Recognise arguments about increasing 'noise' and 'clutter' in contemporary media and the relevance of the concept of an 'attention economy';', 'Develop practical responses to problems of gaining attention in the media, including its ethical dimension.']</p>
SWK4032	<p>This unit uses a range of case studies to assist the student in working through the complex issues faced by many social work clients. The unit asks the students to reflect on their knowledge and theory to draw upon appropriate assessment and intervention techniques for a range of social work situations.</p>	<p>['Critically reflect on their own values and how this impacts on social work practice', 'Articulate the depth and complexity of use of self in professional practice', 'Identify complexity in areas such as but not limited to ageing, cultural and linguistic diversity, class, family dysfunction, violence, poverty and disability', 'Respond to the complexity of diversity in social work practice based on an understanding of theoretical approaches and models of practice', 'Develop frameworks for dealing with complexity in social work and the ability to develop appropriate strategies and interventions.']</p>
FIT3146	<p>This unit will focus on research into the latest developments in the field of information technology, including innovative technology developments involving human computer interaction, information visualization of complex data and emerging interface techniques. Students will learn valuable research and communication skills as they investigate and share with their peers the impact of emergent technologies and interfaces on society. The unit will focus on grand challenges in the field of information technology and on emerging trends. Students will apply their theoretical understanding to a practical project negotiated with the lecturer using a learning contract.</p>	<p>['locate and critically evaluate information on current research in the field of information technology as it relates to such themes as Human Computer Interaction, Ubiquitous Computing, Social Computing, and Entertainment', 'critically evaluate the impact of rapid changes in information technology on society, highlighting the pervasive and expanding range of areas on which information technology is impacting', 'communicate results of investigation to peers effectively through written and oral presentations, while correctly acknowledging and referencing source material', 'apply theoretical understanding of emergent technologies to a practical project that demonstrates exploration of new information technologies in areas such as Human Computer Interaction, Ubiquitous Computing, Social Computing, and Entertainment.', 'demonstrate the application of technical skills related to emergent technologies to a practical prototype or application that demonstrates exploration of new information technologies in areas such as Human Computer Interaction, Ubiquitous Computing, Social Computing, and Entertainment.']</p>

CIV2225	<p>This unit introduces the design of steel and timber framed structures in accordance with the design codes. It enables the students to understand the process for the design of steel and timber structures and the background knowledge which leads to the development of the current steel and timber design codes. Students will understand the behaviour of steel and timber structural components under realistic design conditions and relate the knowledge of design to practical design problems in a project-based learning environment.</p>	<p>['Determine dead and live loading on a building structure.', 'Construct a model steel structure and predict its capacity in a team environment.', 'Describe the properties of steel sections relevant to engineering design for strength.', 'Determine steel and timber members considering strength and serviceability needs.', 'Determine steel and timber joints for strength requirements.', 'Identify issues related to timber durability following industry practice.']</p>
AMU2453	<p>The unit introduces critical and practical approaches to research in the social sciences, presenting first a critical overview of the rationale for research practice in industry and academia, and then an outline of various traditions of inquiry. This material is followed by a series of lectures on specific quantitative and qualitative research methodologies. The material is framed within an ongoing review of key ethical and critical concepts.</p>	<p>['Understand the uses of quantitative and qualitative research methodologies in academic and industry contexts;', 'Understand the uses of quantitative and qualitative research methodologies in science and non-science environments;', 'Understand the nature and use of a theoretical framework in a research project;', 'Define and formulate a research project, including hypotheses, research problems and questions, goals, ethical considerations, literature reviews, theoretical frameworks, and data collection, analysis and interpretation methods;', 'Demonstrate sound awareness of ethical principles in research practices;', 'Reflect on relationships between local and global frameworks in developing approaches to research.']</p>
ATS3612	<p>This intensive course of 4-week's duration departs from Melbourne in mid-November. It involves interdisciplinary study, conducted in the city itself, of the political, social and cultural history of Florence, from the late thirteenth to the early sixteenth centuries, with particular reference to the Renaissance period. Students who have not passed ATS1316 and ATS1317 should do the preliminary reading with great care.</p>	<p>['A knowledge of the city of Florence itself - including its churches, palaces, museums, piazzas, monuments and streets - as an artefact of its complex history', 'The development of the requisite skills to interpret the Renaissance aspects of that artefact within an historical framework', 'Enhanced skills in the critical and analytical reading of a variety of texts, including contemporary documents, religious and polemical literature, historical scholarship, physical monuments and visual representations', 'An acquaintance with the considerable body of knowledge that has been built up about late medieval and Renaissance Florence (in the context of Italian history in general)', 'A critical understanding of this fascinating society and its historiography', 'The ability to use this knowledge (1, 3, 4, 5) and these skills (2) as a capital source for contributing to an understanding of the Renaissance city, its society and culture.\n\nStudents successfully completing ATS3612 will, in addition:', 'Be capable of independently devising and executing an advanced research project in the above areas of study, based predominantly on primary sources.']</p>

ATS2668	<p>The unit provides an introduction to the grammatical phenomena found in simple and complex sentences in a wide range of languages and to the basic tools for their analysis and description. The unit combines the investigation of morpho-syntax with an enquiry into linguistic typology and universals. It introduces and evaluates different theoretical approaches to morpho-syntactic analysis.</p>	<p>['identify and describe morpho-syntactic phenomena in a variety of different languages;', 'apply different theoretical approaches to the analysis of sentence structure using the relevant terminology;', 'read and understand grammatical descriptions of languages and discussions of grammatical phenomena in the linguistic literature;', 'identify cross-linguistic patterns in morpho-syntax and discuss claims of universality.\nMore generally students are expected to develop their abilities to:', 'read critically;', 'use analytic and interpretive skills in dealing with language data;', 'assess evidence supporting various theories and thereby evaluate these theories;', 'present logical, coherent arguments both orally and in writing.']</p>
ATS1261	<p>The unit introduces students to cognitive-behavioural, psychodynamic and social understandings of human behaviour. This multi-disciplinary orientation, including studies of the human mind, consciousness, emotion, and normal and abnormal behaviours, provides students with a broad and detailed introduction to understanding human behaviour.</p>	<p>['an appropriate level of understanding of a range of theoretical orientations to human behaviour', 'the ability to discriminate between evidence, interpretation, opinion and fact in evaluating these theories and concepts', 'an ability to communicate, orally and in a written form, their understanding of these theories and concepts.']</p>

MED1200	<p>This unit introduces students to fundamental concepts and principles of medicine across the four themes of the Bachelor of Medical Science and Doctor of Medicine (MD) curriculum: Theme I (Personal and Professional Development), Theme II (Society, Population, Health and Illness), Theme III (Scientific Basis of Clinical Practice) and Theme IV (Clinical Skills).</p>	<p>['Describe key ethical and legal principles pertinent to health care and clinical contexts.\n\nTheme II - Society, Population, Health and Illness', 'Identify key social determinants of health and describe their impact on health status and outcomes in marginalised groups, including the Indigenous population.', 'Identify key concepts in prevention science and health promotion.', 'Identify key concepts in population health, epidemiology and measurement of health and disease in populations', 'Describe the role of health care services in maintaining health and in monitoring, managing and preventing disease.', 'Collect, record and evaluate information from specified medical research literature and popular information sources using prescribed methodologies and criteria.\n\nTheme III - Scientific Basis of Clinical Practice', 'Describe the structure and function of the human body at cellular, organ, system and whole body levels.', 'Describe biological, psychological and social factors pertinent to understanding human development, health, illness and behaviour.', 'Identify common and important illnesses, conditions and disorders', 'Describe fundamental pathological processes and causes underlying specified illnesses and conditions.', 'Describe the principles of drugs and their actions.\n\nTheme IV - Clinical Skills', 'Elicit and summarise a structured, comprehensive and logical history in simulated environments.', 'Perform and summarise an appropriate examination for specified systems in simulated environments.', 'Propose a differential diagnosis (list) at a basic level for specified systems.', 'Perform specified clinical procedures and tasks in simulated environments.', 'Identify relevant investigations for specified problems or conditions.', 'Describe elements of a basic management plan for specified problems and conditions.', 'Use principles for effectively communicating medical information to patients in simulated settings.']</p>
PSY6103	<p>Students completing the unit will have further developed their skills in therapeutic techniques and delivery of treatment in CBT and other integrative treatments for treatment of a variety of disorders, acquire the knowledge and skills to design focused treatment plans, appropriately implement treatment as required by a placement setting under supervision, report intervention outcomes appropriately, and have an understanding of the underlying theories of such interventions.</p>	<p>['To further develop skills in cognitive behaviour therapy', 'To develop the knowledge and skills to apply CBT and other integrative treatments to a variety of disorders under supervision', 'To develop knowledge and skills to design a CBT-focused treatment plan', 'To provide an awareness of some other modes of therapy and related underlying theory', 'To engage in and develop self-reflective practice']</p>

MID5005	<p>Advancing Midwifery Practice is a 12 Credit Point theory and practice unit designed to meet the needs of students wishing to develop advanced midwifery skills and knowledge within particular contexts. Midwifery practice in Australia and overseas is increasingly faced with women requiring technological solutions to complex clinical situations. Obstetrics as a profession is shrinking in numbers, and the impact of a lack of professional indemnity insurance has forced the reordering of maternity services. Government policies and reports advocate for an increased role for midwifery in the provision of maternity services at all levels of risk. In many countries around the world midwifery is at the forefront of a range of complexity of maternity care, but the preparation of midwives for complex practice is ad hoc and poorly realised.</p>	<p>['Demonstrate knowledge and skills for advanced midwifery practice in collaborative and/or autonomous roles;', 'Demonstrate sound clinical decision making skills based on evidence, experience and collaboration and consultation;', 'Provide individualised, holistic midwifery care that meets complex psychosocial and physical needs;', 'Demonstrate a sophisticated understanding of the legal and ethical issues for midwifery practice;', 'Demonstrate ability to identify skills and knowledge deficits in self and others within the student's own maternity context;', 'Demonstrate ability to critique and promote the role of the midwife in contemporary maternity services;', 'Demonstrate sophisticated interdisciplinary communication and negotiation skills for the advancement of quality in maternity care; and', 'Demonstrate ability to monitor and improve own practice in accordance with Australian College of Midwives Competency Standards for Midwifery Practice and the Nurses Board of Victoria Code of Practice for Midwives.']</p>
APG5642	<p>This unit introduces students to a set of research and reporting approaches and techniques that enable in-depth investigation. The subject is designed to demonstrate a variety of practical research techniques, especially the use of public records and databases; to explore the relationship of investigative and news reporting; and to assist students to produce in-depth investigations of their own.</p>	<p>['Recognise what distinguishes investigative journalism from other journalism;', 'Develop their own ideas for investigative projects;', 'Utilize advanced skills in finding and interviewing a wide range of sources;', 'Employ a range of investigative research techniques;', 'Understand and utilise narrative and presentation techniques appropriate to in-depth journalism;', 'Demonstrate an understanding of the role of investigative journalism in a democratic society and an appreciation of its practical link to the concept of the 'public right to know'']</p>
MBA5224	<p>Global Executive MBA Foundation II unit comprises four component topics: Executive Leadership II: Global Mindset, Sustainable Strategy in the 21st Century, Global Logistics & Operations and Financial Accounting.</p>	<p>['be able to analyse and synthesise complex business situations by drawing on the knowledge bases of Leadership, Sustainable Strategy, Global Logistics & Operations and Financial Accounting', 'be able to demonstrate the ability to integrate and evaluate that knowledge to create and implement appropriate business initiatives and responses.']</p>
AHT3102	<p>International Art 1945-1990 covers the art produced in the second half of the 20th century and its relevance to contemporary practice. Various actions, interventions and critiques of institutions, museums and the art market will be considered, as well as feminist, queer and non-Western perspectives. An objective of the unit is to reach an understanding of the way art-historical discourses promote and exclude certain practices and practitioners (especially due to gender, race, sexuality and location), with an emphasis on incorporating recent research on artists who were previously excluded from the historical "canon".</p>	<p>['Identify a number of major Western and non-Western artists and art movements after the War;', 'Apply a range of methodological approaches to this art;', 'Employ a critical perspective onto existing constructions of art history;', 'Demonstrate an ability to respond to thoughtfully and critically respond to images in one's own words.']</p>

SWM5106	Group work is a major social work intervention method. In professional practice in the field, social workers are required to practise effective group work interventions in diverse settings, with families, service users, stakeholders, community groups, inter-agency networks, colleagues in the workplace and in policy environments. Students will develop a relationship with a community group or organisation. The unit requires students to work effectively in groups to compare and analyse community groups in which they have been a member.	['Describe and critically analyse the processes of group development and group dynamics in effective and ineffective groups.', 'Apply the principles of group development and group dynamics to the development, facilitation and evaluation of a group project.', 'Explain how group work practice involves effective evidence-based community engagement processes.', 'Critically reflect on their own ability to work in groups.', 'Negotiate, manage and document the planning and completion of a group activity.']
MGF5962	The overall aim of this unit is to introduce pre-experience students to the range of activities associated with the management of individuals, groups and the organisation. In order to achieve this aim the content will cover several key areas of management. For example, the current challenges facing managers in a turbulent environment, the role of the individual, the importance of teamwork, managing conflict and effective decision making. Finally the role of corporate culture and ethics. Students undertaking this unit should expect to experience a variety of activities in order to challenge the content as prescribed above. These activities will include interactive case studies and application of the theory to 'real' world examples through group presentations.	['analyse and apply current management theory and research to current organisational issues', 'understand the personal challenges involved in becoming a new manager in an organisation in today's world', 'understand the importance of the individual, the team and the organisation's contribution to the effective performance of work', 'assess the role of ethics and social responsibility in determining the culture of an organisation', 'identify techniques for improving decision making in today's turbulent environment.']
BEX5871	The achievement of efficiency in the health sector. Alternative approaches to allocative efficiency, recent developments in the management of the market, and efficiency in hospitals. Aspects of evaluation techniques including recent developments in quality of life measurement, statistical issues, and modelling techniques.	['undertake sound research in health economics', 'have knowledge of the major issues in health economics and the capacity to judge the importance of these issues', 'function as independent professional health economist.']
ATS2127	The unit introduces spatial composition concepts and requires students to create short original compositions that combine acoustic and electronic instruments. Students will also develop skills specific to studio recording and mixing, as well as critical skills relating to these practices.	['identify spatial composition techniques;', 'experiment with spatial composition techniques in original works;', 'record and mix music in a studio;', 'analyse and reflect on the production process and techniques used in the studio recording;', 'perform effectively in a chosen/approved music ensemble;', 'critique compositions, demonstrating perceptive listening skills.']
ACB1200	This unit introduces basic accounting concepts to non-accountants. The information requirements of two main groups of information users are examined - external users such as current and potential investors and internal users such as managers. This unit provides an introduction to the structure, meaning, analysis and interpretation of financial statements, in addition to exploring financial issues confronting managers, such as cost and performance measurement and budgeting.	['demonstrate an understanding of various forms of business organisations', 'apply financial and management accounting principles in the preparation of financial statements', 'measure and interpret information relating to financial performance, financial position, liquidity and risk indicators of businesses', 'measure and interpret financial and non-financial information for managers to use in planning, decision making and control', 'develop the ability to work effectively in a team and demonstrate the development of judgement, and skills in problem solving, critical thinking and analysis.']

ATS1371	<p>This unit is an introduction to moral philosophy. The focus of the unit is the ethics of killing. We examine questions such as: When, if ever, is killing justified? Many of us think that killing is permissible in emergency rescue situations, or in self-defence. Is it possible to explain this in a way that is consistent with our more typical attitudes to killing? What about killing non-human animals for food? Like all philosophy units, this unit will also develop critical and analytic thinking skills.</p>	['NA']
FIT3098	<p>This unit introduces students to a critical understanding of the impact of information and communications technology (ICT) within contemporary social relations. In particular, the unit explores the ways in which the diffusion of ICT has reshaped thinking and practice within the workplace, communities, and society more broadly. Particular emphasis is placed upon the relationship between human activity and technology, the various ways in which the latter might replace or augment the former, and the consequences that might follow from such changes.</p>	<p>['explain the social impact of information and communications technology (ICT) upon activities in the workplace, communities, and society;', 'recognise the contemporary debates concerning the changing role of ICT within the workplace, communities, and society;', 'identify social informatics as a problem-oriented discipline;', 'analyse and critique discussions of the social impact of ICT.']</p>
CDS2001	<p>Communication Design Studio 3 will elaborate on the practical and conceptual skills developed in COL1001 or CDS1001 and CDS1002. Students will be exposed to a broad range of creative communication processes from print to digital media, and will be able to identify the appropriate context(s) to which they would be applied independently and in conjunction with one another.</p>	<p>['Construct communication design solutions utilizing a variety of media, including manual, print and digital processes with an open attitude to experimentation and critical inquiry', 'Explore design solutions that utilize sound and motion as core components to their outcome;', 'Produce design solutions that demonstrate an understanding of narrative conventions;', 'Identify and competently use the technology appropriate for each design outcome;', 'Plan and manage a design outcome from initial concept to final resolution;', 'demonstrate an understanding of how observation, analysis, response and conceptual thinking contributes to the practice of communication design;', 'Confidently articulate an informed rationale for each communication design solution;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']</p>
ATS2139	<p>This unit introduces students to the fundamental concepts of popular songwriting. The unit includes weekly lectures focusing on popular composition and creative writing. It also examines the context, methodology and history of song. Visiting artists from the profession teach into the unit and provide students with critical feedback.</p>	<p>['Demonstrate a systematic and comprehensive knowledge of strategies and form used in popular songwriting;', 'Analyse and contextualise their song compositions;', 'Critically evaluate popular song;', 'Articulate strategies used by songwriters to convey musical ideas.']</p>

BCH3052	<p>The course will give students an advanced understanding of protein structure-function in the context of human disease. Major themes relate the various levels of protein structure to their wide ranging functions, introduce modern techniques used in the analysis of structure and function, and explore the rapidly developing area of protein-related biotechnologies and drug design. Topics to be covered include examples of aberrations in protein structure that lead to alteration in function in a variety of biological contexts, emphasizing disease. Additionally the use of bioinformatics in aiding our understanding of protein sequence, structure and function will be highlighted.</p>	<p>['Describe the relationship between protein sequence, structure and function and relate this to specific examples in human health and disease;', 'Explain how proteins fold to their correct three dimensional shape and how this process may go wrong and cause disease;', 'Illustrate how NMR and X-ray crystallography are used to determine the structure of a peptide or protein;', 'Critically analyse how our understanding of proteins contributes to biotechnology and medicine, in particular comment on the contribution of protein engineering and proteomics to these fields;', 'Describe the use of fluorescent proteins as tools for characterising the role of proteins in vivo;', 'Apply experimental techniques and methodologies to determine the structure and function of an unknown protein.']</p>
APG5077	<p>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.</p>	<p>['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.']</p>
ATS1189	<p>The unit introduces students to developments in 20th Century actor training, focusing on vocal and physical techniques for character building and theatrical embodiment.</p>	<p>['basic skills in kinaesthetic awareness in performance contextualised by (readings in) various approaches to contemporary physical performance', 'an embodied understanding of the basic performance elements of movement, dynamic interaction/ensemble work, space, image and composition', 'embodied approaches to character and text', 'skills and capacities in devising short performance works drawing on foundational physical work and improvisation', 'creative and critical reflection upon and articulation of body-based skills and strategies in performance']</p>
BEX5975	NA	['NA']
AHT2207	<p>Popular Culture offers a history of popular culture from the late 18th century when the idea first arose through to the present. The course also offers a survey of the most important methodological approaches to popular culture. Topics touched on range from Immanuel Kant's theorisation of the "Fine Arts" to the folk music of Bob Dylan. The course concludes with the speculation that the era of popular culture is now over with the rise of the internet.</p>	<p>['Identify the long historical debate between high and popular culture;', 'Elaborate certain important interventions in this debate (Kant, Herder, Adorno, Bourdieu);', 'Demonstrate an ability to use this knowledge to consider and discuss contemporary art.']</p>

MEC2407	Introduction to the design, analysis, and practical manufacture of electromechanical systems, incorporating basic analog DC/AC and digital electrical circuit theory, simple semiconductor and amplifying components, transformers, and sensors and actuators. Mathematics of electromechanical systems is provided, including Laplace transforms and complex algebra. Computational and assignment work (via practicals) to be integrated to give student complete understanding of specific examples using modern microelectronic components, sensors, and actuators.	['NA']
ATS2584	This unit will consider relations between indigenous and non-Aboriginal people in Australia since 1770. The main topics will include the legal basis of British sovereignty; the nature of frontier contact; violence and the dispossession of Aborigines; Aboriginal depopulation; Aborigines' responses to colonialism; government policy and practice, from segregation to assimilation; and Aboriginal political movements. The unit will simultaneously examine the political and theoretical dimensions associated with representing the Australian Aboriginal past and, in particular, the relationship between power and knowledge in historical discourses.	['Demonstrate an understanding relations between indigenes and Europeans in Australia.', 'Demonstrate an understanding of the epistemological issues and problems evident in the study of Australian Aboriginal History.', 'Think critically and communicate effectively. Specifically to:\n\ndevelop a topic for investigation\nshow an awareness of both the diversity of interpretations of the past, and the nature of such forms of knowledge\nfamiliarise oneself with a range of sources\ndisplay precision in argument and documentation\nrecognise and be able to present a logically ordered argument.\n', 'develop a topic for investigation', 'show an awareness of both the diversity of interpretations of the past, and the nature of such forms of knowledge', 'familiarise oneself with a range of sources', 'display precision in argument and documentation', 'recognise and be able to present a logically ordered argument.']
BEX6600	NA	['NA']
EAE5000	Students will do a research project in weather, climate or ocean science. The main relevant areas of research are aerosols (including cloud seeding), boundary layers, climate change, clouds, convection, ENSO, general circulation, synoptic-dynamical meteorology, mesoscale meteorology, numerical modelling, tropical meteorology, and bushfires and fire weather.	['Understand, synthesise and summarise the existing literature.', 'Identify gaps in our knowledge in their chosen area of research.', 'Advance our knowledge in the chosen area through original research.', 'Present their findings in a written thesis and oral presentation.']
AVM5002	Understanding the various hazards to human health which are unique and specific to the aviation environment is crucial in developing countermeasures to protect humans from the adverse health effects of such exposures.	['Recognise, assess, and evaluate the level of exposure and assess the degree of risk to health from workplace and environmental hazards as it relates to the aviation industry', 'Summarise the physical, chemical and radiation hazards in the aviation environment', 'Identify and describe the hazards unique to the aircraft cabin environment and ways to mitigate the consequences of exposure', 'Evaluate the assessment of fitness to fly of passengers and the risks and challenges involved in the provision of inflight medical care', 'Critically review the risks of communicable disease transmission during air travel and how those risks are managed', 'Provide informed advice on appropriate control measures for aviation hazards in workplace and the community']

MGF5680	This unit focuses on enhancing students' understanding of problem solving and decision making processes in management practice, from a critical perspective on managerial thinking and action as an art of practical wisdom and sound judgment.	['interpret organisational phenomena effectively, in order to define problems and identify decision-making situations', 'analyse patterns and relationships in problem solving and decision making processes', 'identify and evaluate problem contexts, explanations and alternative solutions', 'recognise and avoid errors in reasoning and decision-making', 'identify implicit assumptions, constraints and biases in problem solving and decision making, and develop strategies to effectively communicate these to stakeholders.']
MKS2460	This unit is designed to provide students with a theoretical and practical appreciation of the central role marketing communication plays in the general business environment. The unit provides a framework for examining, analysing and evaluating various aspects of the marketing communications process and the relevant marketing communications tools most commonly used. It is further designed to assist business managers to make choices regarding which marketing tools to use under a variety of dynamic environments. Topics covered include: advertising, PR, personal selling, direct selling, Internet marketing, sponsorship, sales promotion and emerging technologies and their potential.	['demonstrate a detailed understanding of the marketing communication strategies used to build brands', 'understand and apply marketing communication functions', 'analyse and apply the marketing communication processes as they apply to specific targets', 'analyse the social, legal and ethical issues associated with marketing communication from both a national and international perspective', 'determine and apply the processes associated with evaluating the effectiveness of marketing communications across a range of media vehicles.']
AMU3650	International crises are complex phenomena driven by states and a variety of non-state actors including media conglomerates, epistemic communities and intergovernmental and non-governmental organizations. This unit examines a number of interrelated themes dealing with the development and resolution of various types of global crises.	['Identify trends in coverage of international crises by the global news media;', 'Identify various state and non-state actors and their roles in a crisis;', 'Critically analyse the goals and motivations of various actors during a crisis;', 'Collaborate effectively with peers in a small group environment;', 'Analyse the role of international organizations in resolving international crises;', 'Interpret primary and secondary documents through developing critical reading skills;', 'Communicate ideas and arguments in verbal form;', 'Write research briefs and persuasive press statements.']
AMU1278	This unit introduces the study of communications technologies by focusing on analyses of audiences, effects and technology. Students explore the social uses and practices associated with traditional and new communication technologies. Areas of study include telephony, screen, radio, print, photography and digital communication technology, with a particular focus on aspects of historical development, sociocultural adaptations, and contemporary technological convergence. Unit readings and assessment tasks expect students to discuss these matters in relation to different sociocultural contexts, drawing upon material and case studies from Australia, Southeast Asia, and other relevant areas.	['describe and explain the development of communication technologies\nusing theoretical frameworks and conceptual tools;', 'identify and explain the social and political uses of communications\ntechnologies;', 'recognise and discuss communication as an active production and\nnegotiation of meanings, not just the transmission of information;', 'identify and analyse relations between media texts and technologies,\nthe identities and capacities of producers and audiences, and the\n\naspirations of governments and other powerful social actors;', 'use reading and note taking skills to develop critical perspectives on communication.']

FIT3163	<p>This unit provides practical experience in researching, designing, developing and evaluating a non-trivial data science project. Projects involve whole or part of the data science process (visualisation, analysis, algorithms, etc.) but can also be software-based, or they may involve investigation of theory. Projects if software-based should cover analysis through design to implementation and testing. Comprehensive written documentation on the project is required. Students are assigned in groups to a project supervisor. There are no lectures in this unit, although students will be expected to attend regular meetings with their project supervisor. The unit is the first part of a 12-credit point project sequence; the second part and exit point for the project is FIT3164.</p>	<p>['recognise and execute the factors essential for successful management of systems development projects, including teamwork and interpersonal communication;', 'evaluate and select research methods and techniques of data preparation and analysis appropriate to a particular project, and practice these ethically and professionally;', 'search, access and analyse research literature as part of the process of developing solutions to problems;', 'operate effectively as a member of a development team;', 'communicate in written and oral form the proposed deliverables of a project and reflect upon their value and the likelihood of success;', 'develop, demonstrate and explain results of analysis, a software prototype or model.']</p>
FIT5057	<p>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.</p>	<p>['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.']</p>
ATS4868	<p>Students are required to complete two sub-units of coursework, each of which involves nine 2-hour seminars across the course of the semester. At least 3 sub-units will be offered each semester. (Students are welcome to attend all sub-units offered, but are only required to attend and submit assessment tasks for two sub-units.) The sub-units on offer will be drawn from the following pool:</p>	<p>['read and understand advanced philosophical material in some specific areas of current research;', 'examine and criticise arguments in those areas, as well as develop and defend their own position on some specific issues within those areas;', 'broaden their basic competence in the use of research tools in Philosophy.\n\nThose who undertake the Philosophical Pedagogy unit will additionally gain an appreciation for the ways in which the practical demonstration of these research skills informs teaching.']</p>
FIT3169	<p>FIT3169 introduces students to immersive environment design and production principles using game engine prototyping software. Building upon the 3D creation and editing skills in the prerequisite unit FIT1033 Foundations of 3D, students will learn how to create game levels, import assets (models, sounds, animations), extend supplied code (JavaScript) to visualise interactive virtual environments for a range of applications and devices.</p>	<p>['analyse and evaluate game asset production techniques;', 'implement game design principles in working interactive environments;', 'construct and create virtual environments;', 'design and develop immersive 3D or 2D game prototypes.']</p>

TRM6002	<p>Translational research is a growing and exciting new discipline in medicine that involves many pathways towards developing fundamental scientific discoveries into tangible clinical outcomes. In this unit, students will learn how to identify, critically evaluate and apply translational research processes including the drug discovery pipeline, market needs, intellectual property, commercialisation and/or clinical trials. Underpinning this training, students will learn to identify and critically appraise commercial and ethical decision-making crossroads. They will also learn how to communicate scientific findings to both scientific and non-scientific audiences by developing the ability to prepare a media release, a critical review of the literature and a scientific poster, conveying translational research. Translational research involves team work and leadership; students undertaking this unit will develop these abilities through engagement in a variety of team and leadership activities.</p>	<p>['Critically evaluate the research literature and evaluate the potential for clinical translation', 'Examine and interpret translational research findings in medicine and communicate these to technical and non-technical audiences', 'Critically evaluate the benefits and drawbacks of different translational research pathways to drug development, commercialisation or clinical trials.', 'Demonstrate the ability to work effectively, either individually or in teams, to present a proposal and develop your leadership skills', 'Identify and evaluate commercial and ethical decision-making crossroads in translational research', 'Identify and apply translational research processes including the drug discovery pipeline, market needs, intellectual property, sourcing funding, company spin-offs and regulatory bodies']</p>
PBH2006	<p>This unit explores the options for treatment and management of established health conditions at the individual level.</p>	<p>['Describe the processes by which drugs act on, and are handled by, the human body.', 'Explain the role of drugs in prevention and treatment of specific diseases.', 'Explain the role of other therapeutic (non-drug) interventions in prevention and treatment of specific diseases.', 'Describe how drugs and other treatments are developed, evaluated and regulated.', 'Discuss the social context of drug use and abuse.', 'Discuss the relationship between drug therapy and public health in local and global contexts.']</p>
ATS3208	<p>This intensive unit will examine one of the largest and most visible refugee movements of the late twentieth century, in which more than two million Vietnamese left their homeland in the two decades following the end of the Vietnam War in 1975. It will include a field trip to Vietnam and Indonesia, and explore the site of the former refugee camp of Pulau Galang in Indonesia. Galang is a site of pilgrimage for survivors and the only former refugee camp to have been preserved. A series of lectures and seminars will introduce students to the experiences of Vietnamese refugees, and students will be able to reflect on the refugees' journeys, their resettlement experiences in Australia, and the nature of remembrance.</p>	<p>['explain the Vietnamese refugee movement of the late twentieth century including the response to this movement;', 'understand and assess the nature of state repression in Vietnam in the aftermath of the Vietnam War;', 'recognise and discuss the characteristics of Australia's Vietnamese refugee community;', 'analyse complex experiences of loss and trauma, and issues of war and memory, through the narratives of refugees;', 'evaluate the nature of cross-national remembrance of the Vietnamese diaspora in Australia and Indonesia;', 'critically reflect on their engagement with another culture;', 'conduct independent research, work collaboratively in teams, and communicate effectively and with cultural sensitivity in written and oral form.']</p>
ATS4230	<p>Under the supervision of an academic staff member, students will develop, conduct and report on a research project on an approved topic of their own devising.</p>	<p>['Plan, conduct and report on research in their Honours discipline;', 'Demonstrate a practical understanding of the ethical issues associated with conducting research, where relevant;', 'Demonstrate a command of the research literature relating to their research project.']</p>

ATS3164	<p>The unit will explore a selection of fiction and non-fiction texts that treat Italy as a site for transformations of the self. These self-discoveries are usually cast as positive but are on occasion of a more unsettling or disturbing kind. The unit will investigate why Italy has been a key site of renewal and 'undoing' in literature and will track the changes in the way such transformations of the self have been achieved. It will also account for the popularity of such narratives with readers past and present. In this unit there will be an emphasis on 'geo-located' reading experiences and writing exercises. For this reason there will be a particular focus on 'Tuscan transformations'; we will visit the actual sites and scenes of our texts and there will also be regular in situ writing excursions in Prato and surrounds.</p>	<p>['Demonstrate an understanding of the representation of Italy generally (and Tuscany in particular) as a site of personal transformation in range of texts.', 'Critically describe the diverse history of cultural investments in Italy as an agent of personal transformation for non-Italian writers.', 'Produce a piece of Creative Writing, either fiction or non-fiction, that explores the transformational potential of Italy.', 'Appreciate and articulate the relationships between environment, literary criticism and creative practice.']</p>
ATS2691	<p>There is a growing imperative for societies, particularly democratic societies, to deal with the violence of the past so that discordant groups can be reconciled and historical injustices repaired. This unit looks at the role of memory in politics and asks whether current attempts to 'deal with the past' are creating more compassionate democracies (i.e. democracies more attuned to the suffering of others) or making impossible demands upon the activity of politics itself.</p>	<p>['Understand the political importance of 'coming to terms with the past';', 'Give an account of the conceptual tensions and ambiguities surrounding the theory and practice of dealing with past injustices;', 'Understand the relative strengths and weaknesses of conventional institutional responses to injustice based in law and the more innovative institutional responses based in theories of political reconciliation;', 'Think critically about the implications our struggles to come to terms with the past carry in terms of the relationship between politics and time;', 'Undertake structured research tasks and demonstrate high level written communication skills.']</p>
MTE4573	<p>The first part of this unit will introduce processing of cast and wrought metals, including sand casting, permanent mould casting, high-pressure die-casting, direct strip casting, extrusion, rolling and welding of metallic materials. It will also introduce processing-microstructure-property relationships in the products produced by each of these processing technologies. The second part of the unit will introduce ceramic processing technologies including green body shaping, solid state sintering, liquid phase sintering and hot-pressing. This unit will also examine additive manufacturing, sol-gel processing and thin film growth for ceramic materials. The processing-microstructure-property relationships will be analysed for the different technologies.</p>	<p>['Assess commonly used casting and thermomechanical processing techniques.', 'Understand the microstructures of metallic products produced under different processes and analyse the effects of microstructure on properties.', 'Assess the processes and the mechanisms of different ceramic processing techniques.', 'Understand typical ceramic microstructures produced through different processing techniques and analyse the effects of microstructure on the ceramic properties.']</p>

OCC1021	<p>This unit explores psychological theory and research relevant to the practice of occupational therapy, including psychological perspectives on stress, illness, and functioning. Grounded in a biopsychosocial model of health and wellbeing, this introductory unit provides students with an overview of the major psychological approaches e.g. psychodynamic, developmental, cognitive, social psychology, etc., and examines how each provides insight into the challenges and issues experienced by individuals, carers, families and communities. This unit also introduces students to the methods of inquiry and assumptions of theory associated with the science of psychology. The relevance of the discipline of psychology to occupational therapy thinking and practice is emphasised.</p>	<p>['Identify and discuss key psychological theories, concepts, and perspectives applicable to a biopsychosocial model of health and wellbeing;', 'Identify and discuss the differences among the various psychological approaches (i.e. psychodynamic, developmental cognitive, behavioural, social, personality, etc.), and how each is related to occupational therapy thinking and practice;', 'Articulate the relevance of psychology to practice including the role of biopsychosocial forces in shaping more approaches to daily life', 'Explain how psychological theory and research can be applied to issues such as stress, illness, and functioning;', 'Critically evaluate information obtained from research, the broader community and the media; and', 'Identify, evaluate and integrate psychological knowledge in the preparation of assessment tasks set, including the correct use of APA 6th edition referencing.']</p>
IDE2211	<p>This unit establishes the principles of formal engineering and geometrical drawing. Topics include equipment and materials, line types, drawing notional elements, projecting and sectioning, presentation principles and an introduction to dimensioning and tolerancing.</p>	<p>['Appreciate product Engineering Drawing as communication system;', 'Understand the importance of product Engineering Drawing as a significant component of the industrial design process;', 'Be able to execute drawings of three dimensional objects through projections and sectional views that comply with accepted professional industry convention, in particular Australian Standards (AS1100) to a basic standard;', 'Be able to apply the above principles when designing in any computer aided design program;', 'Understand and be able to apply the rules of occupational health and safety appropriate to the unit of study.']</p>
ATS3776	<p>This unit builds upon skills developed in Script Development 1. It explores specific applications of script development such as writing for the stage, writing a monologue, writing for television, writing for radio etc. Students gain experience in the finalisation of a script and its presentation for publication, performance and recording. By the end of the unit students will have produced a script at a professional level able to be considered for production, broadcast or assessed for grant support.</p>	<p>['Enhanced skills in the practice of their own writing in more than one performance genre;', 'An advanced practical understanding of aspects of creative processes in the field, and of the procedures appropriate to the collaborative development of new work;', 'An increased familiarity with the distinctive methodological issues involved in the study of the form, and of the languages appropriate to their articulation and analysis;', 'A greater knowledge of the implications of structural choices in the evolution of a performance text;', 'Skills in editing and adaptation to professional level;', 'The capacity to articulate critical analyses in systematic written argument, and in clear and confident oral presentations.']</p>

ATS1141	This unit aims to develop knowledge, strategies and skills to interact in Japanese, in situations likely to be encountered in Australia and Japan and to establish a firm foundation of linguistic, sociolinguistic and sociocultural knowledge which can be creatively applied in a variety of situations.	['Understand simple greetings, self-introductions, and simple dialogues, based on routines practiced in class.', 'Read simple and familiar texts written in hiragana, katakana and basic kanji.', 'Participate in interactions, using basic vocabulary and grammar practiced in class.', 'Write/type simple sentences using hiragana, katakana and approximately 60 kanji.', 'Demonstrate a basic knowledge of some aspects of Japanese society and culture.', 'Apply basic research skills to find relevant information about given topics, organise, synthesise it and communicate it.']
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.']
NUR1110	This unit introduces learners to the process of self-reflection, clinical communication, questioning and critical thinking in preparation for problem recognition, problem solving and maintaining personal well-being.	['Identify the factors that influence health across the lifespan;', 'Apply at a beginning level, critical thinking and reflection for effective person-centred care, particularly in relation to vulnerable populations including Aboriginal and Torres Strait Islander peoples;', 'Demonstrate therapeutic and clinical communication skills in oral, written and electronic formats;', 'Demonstrate academic writing and database searching skills;', 'Demonstrate beginning level research skills and discuss the importance of evidence-based practice in the provision of effective health care;', 'Identify personal wellbeing strategies.']
MGZ5966	Management implications of major internationalisation theories; the planning requirements in going international and management issues that arise in an international setting.	['define the concept of international business from a multi-disciplinary perspective', 'explain the diversity and complexity of the international business environment', 'provide a historical overview of the evolution of the international business phenomenon', 'discuss the economics and politics of international business transactions', 'analyse the concept of globalisation and its impact on businesses worldwide', 'describe the firm internationalisation process', 'examine the economic, social and political implications of multinational corporate activities', 'extend awareness of global issues based on current affairs and their implications for international business.']

APG5155	This unit provides students with advanced skills in the design of research projects in the humanities and social sciences. The unit explores the core issues involved in conducting humanities and social science research and examines a variety of research methodologies and methods. Its focus on the process of research design allows students to develop skills in writing detailed research proposals for their own research topics.	['critically evaluate research design principles, data collection and data analysis techniques in existing research in the humanities and social sciences;', 'identify and select a range of research methodologies and methods for a specific discipline, issue or topic;', 'identify and apply ethical principles in research practice;', 'initiate and design an original research project.']
ADA5111	Design Thinking brings together some approaches that are known in the sciences and humanities, such as analysis and synthesis, but applies them in ways that are particular to a design approach. This unit is developed to introduce non-cognate students in the Master of Business to Design Thinking, and to its application within a wide range of problems and situations. These skills and strategies include a range of conceptual and communication approaches, ways to investigate and reconsider the context in which we work and live, as well as potential for innovation. Design Thinking can enable a more flexible approach to problems, and a more nuanced engagement with the complex issues of our contemporary world. This unit will introduce students to the key skills and practices associated with Design Thinking, and offer opportunities to explore the application of these basic creativity techniques.	['Demonstrate understanding of the concepts of design thinking and their application;', 'Identify and analyse ill-defined, real-world project problems and relevant design thinking approaches;', 'Apply Design Thinking methods and approaches to a project-based problem, to develop new perspectives on key issues and to identify potential opportunities;', 'Develop, test and evaluate original proposals in response to project-based problems;', 'Develop an awareness of preferred approaches to complex tasks, and ways these may be extended through Design Thinking.']
ATS1305	This introductory unit aims to acquaint students with basic principles of film studies, including film theory and history. Topics to be discussed include: film narrative and formal analysis, film sound and editing, film genre and authorship, art cinema and national cinemas, documentary and experimental film practice. Attention will be paid to recent theories of film including those which address the socio-political significance of the medium and the ways in which it may reinforce conceptions of social and sexual identity. Film texts for exploration include those from Australian, American, European and Asian cinemas.	['Acquired a sense of the scope of film studies.', 'Demonstrated an understanding of film form and various film genres.', 'Demonstrated an understanding of broad cultural and historical developments in film studies.', 'Developed skills in the analysis of film texts in relation to contemporary film theoretical debates.', 'Developed an ability to recognise and evaluate critical arguments.']
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']

FOR4001	The law of evidence is a branch of adjectival law. It consists of legal rules, procedural rules and administrative arrangements whereby courts and tribunals within the justice system receive and evaluate evidence. To perform satisfactorily in this field a forensic medical practitioner's communication skills must be of a high order and they need to understand the legal principles that govern the admissibility of their evidence.	['Justify decision making processes in legal practice.', 'Critically evaluate the general principles of the laws of evidence and the special rules regarding opinion evidence.', 'Determine the role of the expert witness and be conversant with the rules governing the reception of evidence to the courts.', 'Apply medical, forensic, and legal principles to the preparation of medico-legal reports.', 'Demonstrate skills and knowledge in the presentation of evidence in court.', 'Use high level techniques to manage examination-in-chief, cross examination and re-examination.']
IDE2810	This unit provides an overview of furniture design practice in Industrial Design. It outlines specific issues of the design process with particular reference to form, materials and structure. Methods of design communication and presentation are explored and applied.	['Understand the diversity of materials and processes for making furniture;', 'Have increased sophistication in ergonomic analysis;', 'Understand constructional requirements and techniques;', 'Understand the development of furniture design concepts;', 'Undertake simple three-dimensional projects with regard to functional, technical, structural and aesthetic design criteria;', 'Understand and practice the rules of occupational health and safety in force in the industrial design studio.']
CIV2225	This unit introduces the design of steel and timber framed structures in accordance with the design codes. It enables the students to understand the process for the design of steel and timber structures and the background knowledge which leads to the development of the current steel and timber design codes. Students will understand the behaviour of steel and timber structural components under realistic design conditions and relate the knowledge of design to practical design problems in a project-based learning environment.	['Determine dead and live loading on a building structure.', 'Construct a model steel structure and predict its capacity in a team environment.', 'Describe the properties of steel sections relevant to engineering design for strength.', 'Determine steel and timber members considering strength and serviceability needs.', 'Determine steel and timber joints for strength requirements.', 'Identify issues related to timber durability following industry practice.']
APR6100	The unit reviews the overlapping histories and disciplinary trajectories of film studies, media studies, communication studies, cultural studies and journalism. It provides an overview of how these fields have formed, how they have cross-fertilised each other and where they now stand within the contemporary academy. Topics that may be addressed include: the relation of the fields to social and political movements beyond the academy; their intersection with fields of practice (from media production to professional communication); their institutional locations; their ambivalent interdisciplinarity; their international influences and distribution; their varying formation through teaching and research; and their loosely shared stock of key concepts and themes (for example, 'medium', 'audience', 'discourse', 'culture', 'genre' and 'power'). The aim across all topics will be to reflect on the history and current possibilities of the fields, providing a basis for research students to develop an informed and critical perspective on where their own projects sit within larger intellectual and disciplinary contexts.	['demonstrate a broad understanding of the histories and disciplinary trajectories of film studies, communication studies, media studies, cultural studies and journalism', 'identify the major commonalities and differences between these fields', 'demonstrate an awareness of the intersection of the fields (as fields of scholarship) with fields of practice and with social and political movements beyond the academy.', 'provide a critical account of interdisciplinarity within the fields', 'outline the institutional location of the fields, their varying formation through teaching and research and their international influences and distribution', 'demonstrate awareness of the varying use of key concepts across the fields (for example, 'medium', 'audience', 'discourse', 'culture', 'genre' and 'power')", 'reflect critically on where their own doctoral or masters research project sits within larger intellectual and disciplinary contexts.']

EAE3311	<p>This unit examines the land surface features of the earth, and their geomorphic development. It explores the rates of continental denudation, and the geological, climatic, biogeographic, and geomorphic processes that influence denudation. The variations in geomorphic processes and denudation rates across climatic and biogeographic zones of the earth's surface will be explored. Particular attention will be paid to key geomorphic processes, such as riverine (fluvial geomorphic) processes, that are both critical to continental denudation and simultaneously pose significant management challenges for human societies.</p>	<p>['Discuss the processes that underlie continental denudation, and some of the ways in which denudation rates are estimated.', 'Discuss the ways in which past climates and biogeographic conditions may leave an imprint on the surface features of the continents.', 'Discuss how weathering and denudation vary among climates (arid to wet tropical) and through time.', 'Demonstrate a knowledge of fluvial geomorphic processes and their variation among physiographic and climatic environments of the continents.']</p>
NUR1111	<p>This unit introduces the student to the concepts of health and illness as they relate to health indicators for vulnerable groups, and local and global healthcare. The influence of the social determinants of health will be explored as they impact on the health and personal wellbeing of individuals.</p>	<p>['Identify population health indicators particularly as they relate to vulnerable groups including Aboriginal and Torres Strait Islander people;', 'Describe the social determinants of health including environmental determinants and the impact of climate change on global health;', 'Discuss the role of the nurse/midwife in mitigation and adaptation;', 'Identify personally held values, beliefs and cultural orientation;', 'Discuss the characteristics of a culturally competent health care workforce and health care system;', 'Describe the role that health promotion and population screening play as preventative measures within health care systems locally and globally.']</p>
IDN4001	<p>This unit is the first part of a major industrial design project. The unit provides an opportunity to research issues, undertake conceptual designs and develop refinements on the basis of the advanced attainment achieved at the end of the third year. Students should be particularly concerned with the development of their personal design philosophy, the way in which it responds to social needs and its visual and social expression as a preliminary to its virtuoso development in the major project. The contemporary discourse in industrial design and related theory is actively discussed and debated, with students encouraged to develop a personal position relative to it.</p>	<p>['Demonstrate a capability to research and explore the full range of issues to be considered in an industrial design project;', 'Be able to practice industrial design to a high standard of professional competency;', 'Be able to relate their work to contemporary discourse and seek to extend its boundaries through their design work;', 'Be able to defend their chosen direction in the major project against informed criticism;', 'Have a base of knowledge, understanding and capability necessary to undertake their major project;', 'Be capable of organising, developing and planning methodologies associated with the major project which will help to successfully determine a viable outcome;', 'Observe and employ occupational health and safety principles and rules appropriate to studio practice.']</p>

SWK3180	Supervised Professional Practice 1 enables students to observe, practice and critically reflect on the role of social work in a health or human services context and to develop an emerging professional social work identity.	['Apply the AASW Code of Ethics to the practice context.', 'Identify the placement provider's legal and political context within the health and human services field.', 'Explain the legislation and social policies that influence the field of practice.', 'Articulate the theories and methods relevant to the placement context and critically reflect on their use and application.', 'Apply effective communication skills within the placement context.', 'Assume responsibility for self-learning and professional development while on placement.', 'Critically apply knowledge of assessment, intervention and referral skills to the field of practice.', 'Critically analyse different types of social research and their application to social work in the context of the placement setting.', 'Interpret and adapt knowledge of cultural diversity in order to work in a culturally responsive and inclusive manner in a social work context.\nStudents must also provide evidence of completion of at least 500 hours of field placement.']
RSE2010	Fundamental to resources engineering projects is the management of financial, technical and safety risks. Understanding infrastructure and fixed plant equipment requirements is critical for project planning and maintenance. The successful execution of a resources engineering project involves understanding the life cycle of the project, the project finance and the identification and management of safety hazards. This unit provides an introduction to the management of resource engineering projects and an applied overview of fixed plant equipment and technology used by the resources industry.	['Articulate why production, quality, cost control, asset management and safety are important to the success of resources projects.', 'Describe the basic principles associated with human performance, reliable project delivery, project value creation and customer/stakeholder satisfaction.', 'Identify and describe the fundamental theories underlying electrical circuits and power delivery and the principles associated with the selection of electrical and compressed air fixed plant equipment.', 'Assess safety hazards, identify hazard leading indicators and justify effective critical controls, occupational health and safety, and with ethical conducts', 'Develop safe work procedures, create risk registers and develop stakeholder engagement plans.']
ADA2011	This interdisciplinary studies unit will engage with complex contemporary challenges via project-based activities and problem-based learning. Students will apply knowledge, techniques and methodologies from their individual disciplines in collaboration with others' as they investigate a range of disciplinary perspectives and approaches relevant to the challenge at hand. Student cohorts may include any combination of art, design or architecture students as well as students from other disciplinary backgrounds. Developing the ability to critically and creatively engage with 'real world' problems through interdisciplinary approaches will be the core of learning in this unit. Students will develop skills in communication, collaboration and innovation, as well as reflective approaches that will focus on developing a clearer understanding of the personal perspective and skills each contributor brings to a shared challenge. Final outcomes from the unit may include collaborative or individual submissions.	['Understand a range of opportunities for discipline-specific practitioners in interdisciplinary contexts;', 'Apply collaboration, representation and communication skills for interdisciplinary engagement;', 'Conduct critical enquiry relevant to an identified issue, and analyse and evaluate findings;', 'Conceptualise, develop and present a creative response to a given interdisciplinary problem;', 'Critically reflect on the students' own contributions to an interdisciplinary undertaking;', 'Understand and apply the rules of occupational health and safety appropriate to the interdisciplinary study, in order to collaborate safely with peers.']

BFC5915	<p>This unit examines how options and futures can be used for hedging risk in the process of risk management. Several aspects of risk management are examined, including the reasons why investors indulge in this activity, how value is created via risk management, and the firm-wide approach to risk management (given that any firm is exposed to a wide variety of risks). Once the importance of risk management has been established, emphasis turns to the use of derivatives (futures and options) to manage risk. To understand how they are used to manage risk, the unit also considers the characteristics and pricing of these instruments, including some exotic versions.</p>	<p>['examine the financial risk management function and its evolution in the corporate world', 'understand the characteristics of futures and options markets and be able to apply these instruments so as to hedge the risk exposure of the firm', 'design appropriate risk management strategies using options and futures for hedging and speculation', 'demonstrate effective research skills to produce a professional quality business report recommending a solution to a risk management problem', 'demonstrate in an individual summative assessment task the acquisition of a comprehensive understanding of derivative instruments in financial markets, both the mechanism of their operation and their application in hedging risk exposures.']</p>
ATS3235	<p>The study program enables students to develop a critical understanding of the diversity of postcolonial situations through a close encounter with New Caledonian cultures and languages through a seminar series and first hand experience of these cultures through immersion. They will examine political and cultural discourses which frame the situations of various groups and cultural artefacts which emanate from them - both tangible material objects and intangible experiences, spaces and feelings.</p>	<p>['explain with nuance the diverse postcolonial situations in New Caledonia;', 'critically examine the cultural artefacts and discursive frameworks of political and cultural discourses which accompany and frame the situations of various groups in a postcolonial environment;', 'extrapolate such discourses and artefacts to broader global challenges;', 'relate these challenges to their own field of interest or discipline;', 'deploy theoretical tools to analyse relevant case studies on topics provided or chosen for assessment;', 'competently employ digital literacy skills.']</p>
OCC1032	<p>Development across the lifespan examines how individuals change and develop as they age - from infancy to old age. This unit explores the psychological and occupational processes inherent in development, and in doing so examines the progressive cognitive, emotional, behavioural, psychosocial and occupational changes that occur with age. A broad range of topics are covered by this unit, including: motor skill and other psycho-physiological developmental processes, problem solving, language acquisition, abstract thought, identity development and formation, and relationships.</p>	<p>['Articulate and contrast contemporary developmental lifespan concepts, theories and research;', 'Identify and discuss the physical, cognitive, emotional, behavioural, social and occupational aspects of development across the lifespan, and the influence on development of external factors;', 'Analyse observations and critique these in relation to developmental theories about typical childhood occupations;', 'Explain challenges common to adolescence and other lifespan transition points;', 'Explain the changes that can occur in early, middle, and older adulthood and consider how these changes affect individuals' cognitive, emotional and occupational functioning and psychosocial wellbeing; and,', 'Identify and describe types of research frameworks and approaches applied in contemporary developmental lifespan research.']</p>
HSC2300	<p>In this unit health promotion and disease prevention will be introduced as an approach that uses multiple strategies to empower individuals and communities and create supportive environments for health.</p>	<p>['Explain the history, values and ethical principles that guide health promotion and disease prevention.', 'Identify key frameworks, guidelines and intervention methods used in health promotion and disease prevention.', 'Distinguish, compare and contrast various downstream, midstream and upstream health promotion initiatives.', 'Describe the role that partnerships and capacity building play in strengthening health promotion and disease prevention initiatives.', 'Apply the principles of systems thinking to health promotion initiatives']</p>

MAT2742	<p>This unit introduces the modelling of environmental systems, through conceptual models showing linkages of variables, and full mathematical models. Using discrete and continuous models of biological, chemical and physical processes, the ecology and physical behaviour of environmental systems is represented by models with analytic or numerical solutions. A range of mathematical methods including: analytic and approximate methods (through spreadsheets) for ordinary differential equations, Fourier series solutions for partial differential equations, matrix models and simple difference equations; elementary systems analysis; are used to explore models, and their use in depicting the behaviour of simple physical systems.</p>	['NA']
NUR5925	<p>The emergency nurse requires a diverse knowledge and skill base to appropriately and effectively assess and manage patients in the emergency department. This unit will enable the student to develop an understanding of the pathophysiology of disease processes, which will underpin the assessment and emergency management of disease processes including respiratory, cardiac, renal, endocrine, and mental health emergencies, and shock. The principles of ventilation will be examined. Preparation for mass casualty events will be explored. The unit also encompasses the development of skills which will enable the student to provide support for patient's families and significant others in the emergency department.</p>	<p>['Discuss the pathophysiological processes underpinning complex disease states.', 'Plan and implement appropriate, age specific, culturally relevant, therapeutic interventions for patients experiencing complex disease states.', 'Plan and execute the assessment and management of an adult patient with a complex illness or injury.', 'Articulate and demonstrate the principles used to manage a medical emergency in all age groups within an emergency department.', 'Communicate professionally and with empathy with patients, their families and members of the multi-disciplinary team.', 'Identify the needs of the patient's family and significant others in the emergency department and plan appropriate nursing interventions to address these needs.', 'Explore and evaluate the clinical application of nursing research and theoretical literature to selected problems related to the above groups in emergency care.', 'Identify and critique emergency nursing resources and strategies to respond to mass casualty events.', 'Outline the purpose and scope of the Australasian Triage Scale.']</p>

ATS2349	<p>This unit focuses on the city-state of Athens during the 5th century BCE: the period when, in a burst of creativity, her citizens produced their greatest achievements. The unit offers a historical and archaeological framework within which to explore aspects of Greece in the 5th century: from the desperate battles of the Persian Wars to debates about democracy, philosophy, and history. We explore the literary and material culture of Athens at its height -the creation of the Parthenon, the works of Thucydides and Plato, and the evidence of an evolving political system- as well as the seeds of trouble planted within- slavery, unequal status for women and non-citizens, and an increasingly coercive empire. Students will identify ways in which the ideas and archaeology of Athens have shaped the modern world, from the practices of democracy to the Parthenon marbles debate and the development of the modern nation of Greece.</p>	<p>['identify the historical context within which 5th century Athens flourished;', 'analyse the process by which Athens established an empire which, in turn, facilitated her innovative artistic and cultural achievements;', 'describe the principles of Greek art and architecture, major ideas and individuals in philosophy, history, and theatre, and the nature and ideological structure of Athenian radical democracy;', 'apply critical and analytical skills to the study of archaeological, textual, epigraphic, and numismatic evidence;', 'debate concepts and events related to the history, society, and material culture of 5th century Athens, through in-class discussion and a re-enactment meeting of the Athenian ekklesia (assembly).']</p>
AMU1325	<p>This unit emphasises the study of major political events and historical developments of the twentieth century as one route to understanding current world issues. Through lectures, class discussion and written work, students will explore how rivalry and conflict between states and peoples in the twentieth century have been closely intertwined with the rise of ideologies such as imperialism, nationalism, communism, liberal democracy and religious ideas. A close reading of particular events as they unfolded in selected parts of the world demonstrate also how external developments and local factors interact to shape local as well as international dynamics, with implications also for current world affairs.</p>	<p>['Describe the major historical events and political conflicts of the twentieth century as studied in the unit;', 'Identify and locate historical places on maps;', 'Describe the main ideologies of the twentieth century;', 'Explain the role played by these ideologies in the events and conflicts studied in the unit;', 'Analyse the causes and consequences of major events and political conflicts of the twentieth century;', 'Interpret primary and secondary documents through developing critical reading skills;', 'Communicate ideas and arguments in verbal form;', 'Write research reports and essays.']</p>
CDS4002	<p>This unit is part two of the major project sequence for the honours course, and students are expected to continue with the research initiated in CDS4001, and develop a time frame which details the final visual presentation in consultation with a supervisor and the course coordinator. The project must have appropriate aspects to serve as a vehicle to demonstrate the student's professional understanding and capabilities, as well as appropriate complexity to enable the student to professionally undertake and present it within the time and resource limitations of the unit. All documentation must be completed to a professional standard.</p>	<p>['Develop and refine their graphic design project from the conceptual stage undertaken in CDS4001 Major Project (Communication Design) Part 1 through to a visual presentation which demonstrates a very high level of capability', 'Demonstrate a comprehensive understanding of the discipline and its professional practices, with particular reference to the social, cultural and aesthetic aspects of their investigation;', 'Demonstrate a high level of knowledge of the contemporary discourse in communication design and to be able to position their work relative to it;', 'Debate and/or defend their practice in an informed critical appraisal;', 'Demonstrate they have cultivated high ambitions to perfect their research and practice in communication design.']</p>

MBA5113	The MBA Labs: Strategy project reflects the innovative, applied and research-orientated ethos of Monash University. The MBA Labs will function as a business laboratory, in which ideas are tried and tested, critiqued and improved. The spirit of discovery, enterprise and progress will be evident in the process and the outcomes, the cycle of practice and reflection will exemplify the experience.	['synthesise a complex business situation and develop recommendations', 'integrate academic learning with business practice in a client-orientated consulting report', 'manage an applied business project team, process, deliverables and client relationship.']
NUR5215	The nature of mental illness; the nursing process in mental health nursing; roles and functions of mental health nurses; context of care; mental health problems and disorders; therapeutic interventions in mental health care; ethical and legal issues; specialisation in mental health nursing.	['Apply knowledge of comprehensive mental health nursing assessment including a risk assessment', 'Explain the commonly used diagnostic classification systems in psychiatry and mental health nursing', 'Promote consumer participation in all aspects of health care', 'Apply knowledge of advanced mental health nursing skills in planning, implementing and evaluating mental health nursing care for people with mental disorders', 'Apply the principles underlying contemporary therapeutic interventions for people with mental health disorders', 'Apply knowledge of a range of contemporary physical therapies including psychopharmacological preparations, electroconvulsive therapy, and milieu therapies (e.g. high dependency, seclusion, Snoezelen) and their application in mental health care.', 'Integrate the relevant legislation and policy impacting upon the professional practice of mental health nursing', 'Integrate and apply knowledge of ethical issues in nursing people with mental health disorders', 'Critically appraise research evidence applicable to mental health nursing practice', 'Ensure that mental health nursing practice is culturally appropriate']
ASP3012	Stellar photometry; observing the stars; star formation; equation of state; reduced equations of stellar structure; polytropic stellar models; full equations of stellar structure; the main sequence; post-main-sequence evolution. Galactic morphology and stellar content; elliptical and spiral galaxies; large-scale structure of the Milky Way; dark matter; potential theory; galactic dynamics-orbits in spherical and axisymmetric potentials. Astronomical data reduction.	['Understand the nature of stars - their life histories, how they produce energy, how they synthesise the chemical elements, and their ultimate fates;', 'Build a simple polytropic numerical stellar model;', 'Distinguish and discuss different types of galaxies;', 'Understand the relationships between stellar evolution, galactic evolution, and the creation of the elements;', 'Model computationally the motion of stars in galaxies;', 'Understand the implications of the observed nature of galaxies for theories of the universe;', 'Describe the morphology and kinematics of the Milky Way;', 'Understand the significance of dark matter to galactic structure;', 'Understand the use of optical telescopes for data collection;', 'Write an observational research report.']

ATS1112	<p>The unit aims to consolidate and extend cultural knowledge and communication skills commenced in ATS1111. The primary theme of the unit is focused on journeys or travel as an influence on cultural interaction and personal awareness. The cultural lectures explore journeys in road films and literature through translated text. The tutorials provide opportunities for language practice and presentations related to students own journeys. Students taking this unit are required to have completed ATS1111 or have acquired a basic knowledge of Indonesian language and culture through formal study or in-country experience.</p>	<p>['apply an extended knowledge of the Indonesian language to present experiences related to journeys or travel;', 'query and discuss common contrasting and shared cultural practices in daily life;', 'discuss, present, and apply frequently used Indonesian grammatical forms related to word formation and sentence structure;', 'apply basic research skills to retrieve, synthesise and communicate information related to significant historical or contemporary journeys made through the Indonesian/Malay Archipelago in English.']</p>
ATS3639	<p>What does justice demand of rich individuals and/or nations in response to poverty, climate change and natural disasters? What difference does it make if these misfortunes occur inside or outside of our national border? What is the proper role of international organizations in addressing these problems? This unit examines conflicting answers to these questions offered by leading theorists in environmental ethics and international justice. The unit will serve as an introduction to central moral and political dilemmas of the 21st century. No background in philosophy is required, merely an interest in rational debate about world affairs and a passion for the question: what ought we to do?</p>	<p>['critically assess the ethical aspects of proposed measures to alleviate environmental problems, global poverty and inequality', 'apply theories of justice to problems of practical concern', 'comprehend and critically assess complex moral and political arguments', 'effectively communicate theoretical ideas in written assignments', 'contribute to the developing debate on the justice of current international relations and solutions to international problems.']</p>
BEH2141	<p>This unit aims to develop paramedic awareness and understanding of the cross-cultural and demographically diverse community groups they will encounter as primary health care providers, and extend their capacity to communicate, build rapport and meaningfully engage with these groups. Students will gain valuable community engagement and participation experience through structured volunteer placements within strategically selected private, public and indigenous health related settings. Students will actively participate within these facilities in all aspects of the care programs being delivered allowing them to develop communication, listening and teamwork and skills whilst acquiring an insight into community health issues. In addition students will explore the valuable role they play as health care professionals in educating the community about the paramedics' role, and contributing to patient understanding of medical emergencies and the range of health care services and options available to them. Finally, through their community participation students will be expected to identify real or perceived gaps within the community health sector and devise strategies to narrow those gaps and achieve better health outcomes.</p>	<p>['Compare and contrast the unique health concerns and requirements of the diverse population that paramedics care for within the community.', 'Demonstrate an appreciation for the role interpersonal skills play in gaining patient trust and promoting better health outcomes.', 'Identify ways in which community engagement can develop the scope of practice of the paramedics and enhance community relationships.', 'Explore the role of the paramedic in developing community capability and awareness to better manage medical emergencies.', 'Investigate the diverse needs of Indigenous Australians in the context of community based emergency health and identify ways in which the ambulance professional can enhance their awareness and participation in these needs.', 'Propose and plan strategies designed to strengthen community relationships and promote initiatives to improve community health outcomes.']</p>

AZA3717	Medical sociology examines social aspects of medicine. The unit features health from an African perspective. Students will gain an understanding of professional knowledge and the power associated with that knowledge and the way it is exercised. Areas examined will include risk assessment and management; public and private health and health promotion; HIV/AIDS and sexual health and the influence of the media and the internet on health related matters. The unit will embed these learning objectives in the African context introducing students to African interpretations of health, illness and medicine. The unit will appeal to students wanting to engage with social perspectives on health and illness from a globalised and localised perspective.	['Identify, describe and analyse key perspectives in social inquiry as it applies to health and illness in contemporary society.', 'Critically evaluate social aspects of health and illness as they effect individuals, communities and nation states.', 'Apply critical perspectives to contemporary issues in health and illness matters.', 'Identify implications for public health policy.\n\nIn addition, students taking the unit at level three will be able to:', 'Understand critical difference in public and private approaches to health and illness issues.']
MEC6886	The unit is designed to provide students with a challenging and intellectually stimulating environment covering numerous aspects of current and future sustainable energy technologies.	['Identify, interpret and critically evaluate the various technologies that have the potential to provide a sustainable energy supply system.', 'Evaluate technical and non-technical challenges associated with the sustainable energy resources.', 'Discuss and assess suitable sustainable energy sources/systems under different situations.', 'Implement underlying engineering principles to evaluate and improve sustainable energy technologies and systems.', 'Develop and implement creative approaches to solve various energy related problems using suitable sustainable energy sources/systems under different circumstances.']
BFX4018	Students conduct a critical review of the literature relevant to their study; derive appropriate hypotheses for testing; devise an empirical test of the hypotheses showing regard to practical problems of conducting research, ethical considerations, and principles of scientific method; conduct a planned study and manage any problems arising in the data collection; select and conduct an appropriate analysis of the data; and write a report on the project, showing due regard to relevant stylistic conventions.	['implement a research proposal', 'recognise practical problems of conducting scientific research and propose solutions', 'complete a research dissertation', 'develop the ability to conduct and manage a planned study', 'apply critical thinking, problem solving and presentation skills in individual and/or group activities dealing with a research dissertation.']
BEX5725	This unit requires students to examine a broad range of social, cultural, legal and political issues that can impact on the strategy and operations of businesses operating in a global business environment. Through the use of readings, case studies, and an analysis of current events students are confronted with some specific challenges of doing business in a global context. This unit focuses on developing skills, addressing various global issues and how they affect business, as well as aspects of global citizenship, cultural sensitivity and effective teamwork.	['recognise issues affecting businesses operating in a global context', 'develop and present strategic responses to specific issues affecting businesses operating in a global context with due consideration to sustainable, responsible and ethical business practices', 'acquire team skills including team leadership, collaboration, problem-solving, decision-making, communication and presentation skills', 'develop reflective practice skills in relation to individual learning.']

ARC3502	This unit provides focused study into aspects of architecture culture. The unit will develop critical capacities for comprehending and contributing to the built environment. This unit explores architectural culture through the lenses of historically and theoretically based speculative and material developments. Investigations will incorporate various methodologies and diverse points of view. Students will also gain awareness of the associated effects on and of architectural design.	['Understand and describe aspects of architecture culture;', 'Critically analyse and evaluate dimensions of architecture culture;', 'Compare and utilise methods and tactics involved in architecture culture;', 'Demonstrate skills for producing and communicating explorations of architecture culture;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']
ATS2455	In this unit, students learn to research, plan, write, implement and evaluate a public relations strategy. Students will develop and apply their understanding of strategic and socially responsible communication by working through contemporary case studies and authentic industry briefs and reflecting on the challenges of contemporary industry practice. They learn to develop critical and effective approaches to producing strategies based on sound research and analysis of issues and publics and understanding of organisational goals. In addition to learning about developing communication strategies in a dynamic media environment, students will devise and produce a range of public relations tactics, such as a media release, feature story and social media posts for different audiences and platforms, in support of their broader communication strategy. Students will also be introduced to the ethical and legal dimensions of public relations activity and its impact on society.	['research and develop a communication strategy to support organisational goals;', 'explain ethical, societal and legal implications of public relations activity;', 'produce informative and persuasive communication texts;', 'evaluate the impact of a communication plan.']
ASP3051	Newtonian physics and Einstein's Special Theory of Relativity, the geometry of space-time, the Minkowski metric, Lorentz transformations, k-calculus, and four-vectors; the physics of space-time, momentum and energy; classical paradoxes; other metrics, Black Holes; observation of the Universe relevant to Cosmology; the expansion of the Universe, the Cosmic Background Radiation; the evolution of the Universe, propagation of light; primordial elements and recent observations.	['Describe the reasons for supplanting Newtonian physics with relativity theory;', 'Use special relativity to predict the behaviour of relativistic particles;', 'Discuss the relativistic paradoxes in an informed way;', 'Discuss the experimental and theoretical foundations of general relativity;', 'Discuss our current understanding of the beginnings, nature, and fate of the Universe;', 'Evaluate the current uncertainties in cosmology;', 'Analyse physical problems geometrically, thinking logically in a theory at odds with common experience;', 'Use mathematics to solve complex problems;', 'Interpret complex mathematical results and communicate them in written form.']
PAC4371	To enhance students' knowledge and understanding of a range of topics relevant to the practice of pharmacy; to further develop skills in communication and problem solving; and to provide the opportunity for students to apply their knowledge and skills under supervision in various practice settings through the Professional Experience Placement (PEP) Program.	['NA']

APG5348	The course will address key concepts, theoretical models, accepted approaches and contested frameworks and theories in the rapidly changing field of second language acquisition. Topics covered include models and theories of second language acquisition, first and second language acquisition, error analysis and interlanguage, interlanguage pragmatics, input and interaction, learner strategies, learning styles, cognitive processes, second language identity, learners' rights and methods in SLA research.	['summarize key theoretical debates in relation to second language acquisition, and evaluate relevant empirical evidence;', 'compare the work of competing theorists, and recognise their role in the development of SLA theory;', 'reflect on their own language learning experience and classroom practice in the light of theoretical and empirical studies;', 'evaluate major methodological approaches to the study of second language acquisition;', 'conduct a major research project on an area of second language acquisition.']
ARC2401	This unit introduces the history and theory of selected Australian and international architecture since 1968. The unit will also introduce methods for the written, spoken and visual analysis of buildings including site visits, analytical case studies and other forms of analysis. In addition to the theoretical and historical contexts of the buildings studied the unit will investigate their contribution to architectural design.	['A basic knowledge of the history and theory of post 1968 architecture;', 'A basic knowledge of the varied contexts of post 1968 architecture;', 'Ability to demonstrate a basic understanding of techniques applicable to the visual analysis of architecture;', 'A basic understanding of the selected buildings' contribution to architectural design;', 'Understand and be able to apply the rules of occupational health and safety appropriate to the unit of study.']
SCI2502	The Impact through science level two units provide an action-learning exploration of the business and social entrepreneurship cycle from concept through to pitching the idea to a panel of experts. The entrepreneurial mindset is developed through a strong focus on group work, critical thinking, persuasive communication and leadership development. Throughout these units, insights into entrepreneurship will be gained by using case study analysis and prominent guest speakers who are thought leaders, entrepreneurs and industry executives.	['Develop a comprehensive business plan for an original idea, taking into account opportunity and risk;', 'Work with others to critically evaluate business plans, and integrate feedback from peers/mentors to make improvements in planning;', 'Articulate the core concept of their business plan in a pitch;', 'Demonstrate teamwork capacity and knowledge of leadership by using a case-study approach to examine the entrepreneurial life cycle;', 'Develop a plan for their first internship.']
DIS1911	This unit introduces students to the methods and processes involved in creating 3D elements, objects and spaces using a computer software. The key areas of modelling, lighting and rendering will be examined, and various modes of output demonstrated. Different applications of CGI (computer generated imagery), such as motion graphics, character animation and virtual environments are discussed. 3D models will be used to generate simple animation.	['Have an understanding of the principles of designing objects and spaces in three dimensions and their translation into computer-based design methodologies;', 'Be able to use 3D imaging software to create environments and objects;', 'Be able to apply surface qualities, lighting, textures, and imported graphic files to elements in a three dimensional composition;', 'Explore the range of options and controls available through 3D imaging and modelling software applications;', 'Understand and manipulate camera properties and viewer perspectives;', 'Recognise the various applications of 3D design and visualisation across multimedia, interior architecture and industrial design practices.']

MAP5003	This unit is designed for health care professionals who aspire to lead the management, design and delivery of health care services and/or develop health care programs in a clinical context that improve patient outcomes.	['Examine the roles and medico-legal responsibilities of advanced health care practitioners within their professional settings;', 'Differentiate between ethical, inter-professional and cultural dimensions of professional behaviour;', 'Examine the use of information and communication technology in advanced health care practice;', 'Review risk management strategies and plans for the prevention of adverse events;', 'Apply benchmarking and patient experience studies to quality improvements;', 'Apply principles of implementation science to lead change within health care practice;', 'Apply evidence summaries and clinical practice guidelines to the review and implementation of complex health care interventions;', 'Design an evaluation plan to investigate the outcomes and effectiveness of a complex health care intervention or practice;', 'Design learner-centered educational activities appropriate to their practice setting.']
RSE3010	This unit provides students with an overview of principles and practical application of rock mechanics to excavation design and design implementation (construction management). This includes; behaviour of intact rock and rock mass, in-situ stress and measurement, rock mass classification schemes, time-dependent and dynamic behaviour of rock, ground support and reinforcement, geotechnical instrumentation and empirical excavation design techniques.	['Apply rock mass classification schemes and laboratory derived properties to address field scale problems relating to rock excavations.', 'Apply rock mechanics design methods and appreciate their limitations.', 'Formulate geotechnical instrumentation and Trigger Action Response Plans.', 'Analyse monitoring results and provide engineering recommendations.', 'Appreciate the risk and uncertainty associated rock mechanics decision making.']
AMU3574	The unit aims at assisting students towards an informed understanding of how masculinities are understood and enacted in Asia (Singapore, Malaysia, Sri Lanka, India, Bangladesh, South Korea, Japan), Africa (Uganda, Sub-Saharan Africa, Ethiopia), and in the United States. Scholars note that a more holistic approach to Gender Studies must take into serious consideration the meanings and relationalities between femininities and masculinities, particularly in the ways in which these synergies manifest diversely around the globe. Inspired by the insights of the celebrated masculinities scholar Raewyn Connell, this unit challenges flattened impressions of masculinity as universal, singular manifestations, and invites students to consider the unstable constructions of masculinities in relation to femininities and other intersecting issues. This eye-opening unit covers topics such as patriarchy and violence, military, spiritualities, non-heteronormative sexualities, disease, marriage, cooking, racism and female masculinities. Through a close examination of highly diverse and exciting resources, students will engage with and understand the complex and shifting performances of masculinities that impact men (and women) in Asia, Africa and the United States.	['analyse and explain key theoretical concepts of masculinities;', 'critique the various constructions of masculinity with their attendant (de)valorisations in Asia, Africa and the United States;', 'analyse the various understandings and enactments of masculinities as they are lived out in Asia, Africa and the United States;', 'apply key aspects of masculinity theory to critically examine relevant contemporary issues.']

MDS5031	Research Methods for Design introduces the candidates to methodology in the critical context of contemporary design practice. The unit is undertaken at the initial stages of the research degree and encourages candidates to conceptualise their research project across theory and practice within a field of inquiry.	['Have developed a critical awareness to research in their discipline;', 'Have developed an understanding of methodologies in contemporary design research;', 'Have developed a critical approach to the identification and analysis of bibliographic sources;', 'Have developed an understanding of research ethics and research integrity;', 'Appreciate the difference between professional practice in their discipline and research in their discipline;', 'Have prepared for MDes(Res) confirmation.']
ATS3096	A communicative course designed to further speaking and reading skills in German. The emphasis is on learning to use German correctly in discussing a variety of topics. Component 2 will focus on the highly productive artistic and intellectual developments in modern German and Austrian culture.	['an overview of the main periods, styles, genres, intellectual preoccupations and socio-historical trends in modern German literature;', 'the ability to recognise and analyse a variety of texts in accordance with the categories of genre, style and epoch;', 'reading skills necessary to understand advanced German;', 'essay-writing skills, an ability to engage in informed discussions of literature and culture, using appropriate terminology and applying the range of language skills pertinent to component 1.']
OCC2013	This unit will prepare students for fieldwork education and includes clinical reasoning in relation to the practice activities they engage in and observe.	['Describe and apply the principles of client-centred practice, the clinical reasoning process and key theoretical models of human occupation related to the occupational therapy practice settings.', 'Explain the role and contribution of different health professionals within a team', 'Use self-reflection practices and constructive feedback to modify behaviour', 'Select, administer, appraise and critique assessment tools and assessment methods used in occupational therapy practice', 'Demonstrate proficient information gathering and professional documentation skills related to occupational therapy practice in clinical settings', 'Demonstrate respectful and professional behaviour in both academic and clinical environments including health care team members, consumers, carers, fieldwork supervisors, and academic staff']

ATS2144	<p>This is the second part of a sequence in intermediate Japanese. This unit aims to enhance students' knowledge about Japan and consolidate and further develop their interactive skills in spoken and written Japanese. The unit also aims to enhance students' intercultural awareness and ability to conduct independent research.</p>	<p>['Understand simple dialogues and monologues on familiar topics with an expanding range of expressions, including expressions of politeness (keigo).', 'Read and understand simply written texts in an expanding range of genres including polite letters, personal diaries and fictional narratives, with some assistance.', 'Interact in common casual and formal contexts, using forms practiced in class including keigo; explain personal experiences using forms such as passive, causative, and conditional clauses.', 'Write an essay using a range of Japanese sources and a wider range of vocabulary, sentence patterns and kanji with some guidance.', 'Recognise and write approx. 90 new kanji (317 kanji in total by the end of this unit).', 'Further demonstrate knowledge of a range of aspects related to Japanese society and culture.', 'Demonstrate intercultural skills which include awareness of and sensitivity to cultural differences and similarities through comparison and reflection on students' own cultures and societies', 'Further develop independent research skills to find relevant information about an essay topic; organise, synthesise and analyse the information and communicate it in written and oral form.']</p>
MGX3991	<p>This interactive unit examines principles and practices of leadership which are vital for aspiring leaders of the future. Through a personal portfolio of leadership concepts, character, and competencies, students develop their potential for growth as strategic leaders of the 21st century organisations. Inspiring stories of leadership successes and failures from exemplary leaders in the past and present will guide students' leadership journey to find their own authentic voice. A plethora of cutting-edge leadership materials (research articles, movies and videos, case studies, role-plays, games, self-assessments) will also be featured weekly to enhance students' learning experience.</p>	<p>['critically assess the strengths and weaknesses of major theories of organisational leadership', 'formulate a framework of leadership that would help students make sense of their current and future leadership experiences and discern critical lessons drawn', 'develop a higher self awareness of students' own personality, values, attitudes, and styles as well as strengths and weaknesses pertinent to their leadership aspirations', 'construct a personal leadership philosophy outlining students' convictions on ethical and compassionate leadership and its impacts in real-world organisational contexts', 'analyse and synthesise crucial roles and positive impacts that managers and leaders can make to organisations and their stakeholders.']</p>

MMD3307	<p>This unit provides students with the opportunity for high-level studio practice in digital art. It builds sequentially upon the skills and knowledge of digital art by providing a focus on creative image and media production for a range of art and design applications. Emphasis is placed on combining techniques in imaging, visualisation, animation, interactivity, interface design, scripting and information architecture to develop creative and functional outcomes. The unit offers students the opportunity to develop digital art projects that will address all levels of the creative process and project management, from conceptualisation and visualisation through to execution and presentation.</p>	<p>['Conceive, create and realize media assets (ie. digital images, video, sound) and productions (ie. interface designs, temporal and spatial elements, interactives) with increased expertise (ie. skill, confidence and proficiency) appropriate to an advanced level of studio practice in the discipline;', 'Apply creativity, problem-solving, research and project development directly associated with multimedia design, digital imaging and interactive media to explore a range of creative solutions in response to project-based scenarios (ie. individual, collaborative, group) and briefs (ie. client-based, self-directed);', 'Produce creative digital art outcomes with increased conceptual understanding of design principles, end-user considerations, interactivity, visual language and communication that takes into account the artistic, self-expressive demands of digital arts practice;', 'Demonstrate an increased technical proficiency across the development, acquisition, creation and production of digital media, using industry standard software applications, peripheral devices and addressing the requirements a variety of delivery platforms;', 'Display a developed creative approach, personalised artistic expression and awareness of the many different genres and applications of digital art commensurate with an advanced level of studio practice;', 'Observe and employ occupational health and safety appropriate to studio practice.']</p>
CIV5321	<p>This unit introduces students to contemporary issues in planning for sustainable transport. Extensive use is made of case studies, practice exercises and practical 'real world' problems to reinforce the relevance of the material to contemporary professional practice. The concept of sustainable transport is introduced along with the steps in the transport planning process. Supply and demand oriented approaches to addressing transport challenges are reviewed and travel demand management is placed into context. The characteristics of transport modes and travel demand patterns are used to provide a framework for considering the suitability of a particular transport mode for a particular context. Travel survey methods are considered with an emphasis on the role of survey design and administration in the collection of useful travel survey data.</p>	<p>['critique the framework within which transport planning is conducted and the foundations upon which transport policy is formulated', 'appraise the range of supply and demand-oriented solutions which can be used to address transport and associated environmental problems within a sustainability context', 'judge the suitability of alternative methodologies for conducting transport surveys', 'critique transport surveys on the basis of their sample design, questionnaire design and survey administration', 'analyse contemporary issues in transportation planning and policy and assess the suitability of different policy options.', 'demonstrate effective written and oral communication skills']</p>

BFX4060	<p>The objective of this course is to develop critical economic reasoning and understanding of important empirical regularities in corporate finance. This unit builds on introductory corporate finance studies and analyses a variety of issues by introducing a study of recent empirical literature. There is a strong focus on research with a selective and critical examination of theoretical and empirical research in corporate finance. The advanced topics covered include market efficiency and event studies, security offerings, corporate takeovers, and capital structure, dividend policy, corporate governance and financial tunnelling.</p>	<p>[‘acquire knowledge of empirical findings in corporate finance’, ‘develop an ability to conceptualise and analyse issues in corporate finance at a sound level of understanding and be in a position to make a significant contribution in setting firm financial policy’, ‘critically evaluate underlying theories, concepts, assumptions, limitations and arguments in corporate financial theory’, ‘develop analytical skills via understanding the intuition and logic behind recent academic research and the possible extension to the recent research’, ‘demonstrate in an individual summative assessment tasks the acquisition of a comprehensive understanding of the topics covered by BFX4060.’]</p>
MED5101	<p>This unit provides students with the opportunity to be engaged in activities and tasks which contribute to a research study or an issue in professional practice. Students will be placed with an academic, research or professional practice group to undertake an intensive scholarly experience in an area of research or professional practice relevant to medical science or clinical practice.</p>	<p>[‘Utilise specialist knowledge and skills to justify the need for a research, teaching or professional practice issue to be investigated or evaluated’, ‘Devise and implement a plan for the project and identify key outputs’, ‘Review, synthesise and critically appraise peer reviewed literature in a specific area of medical science, education or professional practice’, ‘Practice, and demonstrate an understanding of, academic integrity, research integrity and ethical behaviour in the context of medical science and/or delivery of care’, ‘Collect and categorise information related to a key question relevant to the community and to medicine’, ‘Analyse and summarise information related to a key question relevant to the community and to medicine’, ‘Justify approaches to solve a complex problem relevant to their project’, ‘Communicate critical arguments or key concepts and findings to a professional audience in oral and written formats’]</p>
BEX5800	<p>This unit provides an overview of the strategic, economic, political and legal environment in which business operates at the global level. It considers the role that individuals, organisations and governments play in the operation of the market both domestically and internationally. The focus of this unit will be to investigate the political economy of the contemporary world and the context that underpins managerial decision making. To this end, students will examine the myriad of global and domestic issues challenging the pursuit of sustainable business practice as a precursor to more specific units that help inform the management of business operations.</p>	<p>[‘introduce students to a preliminary overview of the economic, legal, political and social environment in which business operations are managed’, ‘illustrate the interaction that takes place among individuals, organisations, and governments in determining business outcomes’, ‘facilitate an understanding of the role of globalisation in relation to the growth and interdependency of economies’, ‘provide an understanding of how technological disruption and innovation allow for the development of capabilities that provide value for business’, ‘assess the need for business to be ethical and socially responsible’, ‘apply critical thinking to case-based analysis.’]</p>

ATS3010	Building on and consolidating work completed in previous Chinese studies, this unit will introduce students to a range of literary writings by master writers of modern China (1920s to 1940s). Through critical analysis students are expected to improve their understanding of the tremendous social, political, and cultural change of modern China as a result of the 1911 Revolution.	['To further develop students linguistic ability to comprehend and express complex ideas in both spoke and written forms', 'To provide students with social and cultural knowledge which will enhance their understanding of modern China and its great transition, from cultural and linguistic, to social, economic and political changes since the beginning of the 20th century. Compared with previous Chinese studies, the course content is much more sophisticated and the students are encouraged to exercise greater critical thought toward the texts under investigation', 'On completion of the unit, in addition to their improved modern Chinese language skills, students should have a better understanding of what constitutes Chinese ethos formulated by the Chinese people, as part of the world community, in their use of language, in their faith, beliefs, and philosophical inquiry, in the various forms of expression, as well as through their own reflections of the merits and faults of Chinese culture.']
BTF5965	This unit provides an introduction to Australian taxation relevant to a broad range of roles in the private, commercial and governmental sectors. Topics include income tax (including CGT and anti-avoidance provisions), GST, FBT and tax administration.	['understand the operation of the Australian taxation system including the interaction of income tax with other taxes; and explain policy issues underpinning Australia's tax system', 'identify conceptual structures in core tax provisions and apply them in an ordered approach. Considerations include tax administration, anti-avoidance provisions and tax ethics', 'recognise fundamental tax concepts, identify legislative provisions as well as judicial principles and apply them to analyse personal, property and business scenarios', 'explain and calculate income tax (including CGT), GST and FBT.']
BFW2341	Topics covered include multinational firms and globalisation; foreign direct investment; political risk; foreign exchange markets; currency derivatives (currency options and forward contracts); measuring and managing transaction exposure; cost of capital and capital structure for multinational firms; fundamentals of capital budgeting; international capital budgeting and exchange rate effects; international cash management; transfer pricing and international tax strategies.	['discuss the international financial environment and the importance of foreign exchange risk management', 'discuss important financial management issues and their application to financial management of multinational firms', 'discuss foreign exchange market mechanisms and explain how markets can be used to hedge foreign currency transaction exposure', 'apply capital budgeting techniques in the context of a multinational firm', 'apply critical thinking, problem solving and presentation skills to individual activities dealing with international financial management and demonstrate in an individual summative assessment task the acquisition of a comprehensive understanding of the topics covered by BFW2341.']

BND3101	This unit uses chronic disease as the foundation and basis for dietetic students to develop and extend their core dietetic practice skills.	['Extend knowledge of the role of diet and relevant non dietary factors in the aetiology, prevention, and management of disease incorporating into practice', 'Synthesise and communicate to peers key findings from the scientific literature and their relevance and application to nutrition and dietetic practice', 'Conduct nutrition assessments and formulate dietetic practice recommendations and management strategies using an evidence based approach', 'Practice individual case management in a simulated and healthcare setting', 'Practice safely and professionally as part of a healthcare team working towards the National Competency Standards for Dietitians in Australia (as defined by DAA)', 'Communicate appropriately and broadly using a range of methods extending into the healthcare environment', 'Extend teamwork skills in the academic and practice settings', 'Reflect on practice and evaluate self and peers.']
ATS3230	This unit explores the tension between sex, gender and power as it played out in the literature and art of the Ancient Near East through such artefacts as the Epic of Gilgamesh, the love poems of the Sumerians, Egyptians, and Israelites, coupling images from Babylon, texts detailing the intimate domestic life of the inhabitants of an ancient Egyptian town, and the records of the female Egyptian king Hatshepsut. We examine accounts of female and male sexuality -as well as the ambiguously gendered images of eunuchs- and attempt to untangle the cultural mesh that is formed by the intersection of sexuality and power. We explore how our own assumptions about sexuality, gender and power might be challenged by a close examination of the different perspectives encountered in the ancient world.	['be familiar with a range of literary and visual cultures of the ancient world;', 'be aware of contemporary theories about gender and sexuality;', 'recognize the different attitudes toward gender and sexuality displayed by the communities of the Ancient Near East;', 'distinguish the varying status of women in ancient Near Eastern societies;', 'understand the relationship between sexuality and power in the ancient world and contrast it to our modern view of this relationship;', 'construct arguments about cultural contexts using ancient textual and visual sources.']
DGN2004	This unit further develops design research, investigation, concept development, communication, presentation and practice capabilities achieved in DGN2003 Interdisciplinary design studio 3. It focuses on expanding the details of user, technical and construction requirements. In addition, the social context of design is extensively considered, including cultural and ethical expectations. Projects will be set in a variety of contexts. A critical view toward designing is fostered throughout.	['Demonstrate a high level of practical design research, design process and design communication;', 'Demonstrate a practical understanding of user, technical and construction factors;', 'Demonstrate an awareness of social, cultural, environmental and gender issues;', 'Produce design solutions which resolve identified issues with aesthetic integrity;', 'Defend their designs on practical, symbolic, aesthetic and ethical grounds;', 'Understand and apply the principles of occupational health and safety practices in the studio.']
TRC3500	The unit provides an introduction to transducer principles and the background to classify them in terms of performance and characteristics. A range of commonly available sensors are considered. Electronic components and data acquisition/digital signal processing software used in sensor systems are examined. Advanced sensory systems and associated programming techniques are introduced using robotic systems as an example domain.	['Appraise sensors in terms of their performance and characteristics, and apply transducer principles.', 'Construct a complete sensory system including specifying the electronic components required.', 'Describe sensory techniques as used in robotics and implement these concepts.', 'Design, construct and debug a small microprocessor system that is capable of interfacing to a series of different inputs and outputs.', 'Construct appropriate software and test processes to produce industry-ready products.']

SON5021	<p>Sonographic scanning methods and standard protocols related to examinations of adult liver, gallbladder, biliary system, pancreas, gastrointestinal tract, urinary system, spleen, retroperitoneum, abdominal wall and related vascular structures. The scientific principles underpinning tissue harmonic imaging and use of contrast agents in abdominal sonography. Interpretational skills in respect to recognition of sonographic appearances of normal anatomy, anatomical variants, disease processes and ability to modify standard sonographic approaches with regards to the clinical question and patient presentation.</p>	<p>['identify, describe and justify the selection of protocols, imaging parameters, equipment and transducers for sonographic examinations of the upper abdomen;', 'perform routine sonographic examinations of the upper abdomen safely and to a standard and ethical conduct expected of a competent sonographer;', 'identify and describe normal and abnormal sonographic appearances of the organs and structures in the upper abdomen and related artefacts;', 'recognise when modifications to routine scanning approaches are required and describe the limitations of ultrasound in regards to imaging the upper abdomen;', 'implement Spectral, Colour and Power Doppler techniques where appropriate in upper abdominal ultrasound imaging;', 'explain the application of contrast agents and tissue harmonic imaging in abdominal sonography, and describe and implement quality assurance principles in abdominal imaging.']</p>
MDC4010	<p>This unit develops the practice of advanced design communication by combining techniques and media, as well as experimental methods. Students will be required to examine current methods to help develop their design visualization proficiency.</p>	<p>['Demonstrate advanced proficiency in the use of drawing as a means of communication to show salient features of an intended design;', 'Have an advanced practical and critical understanding of drawing as a method of externalising thoughts and developing ideas;', 'Communicate their ideas through concept presentation sketches and renderings;', 'Use drawing for persuasion and communication in a design context;', 'Demonstrate proficiency in a variety of techniques: traditional, electronic and experimental;', 'Select appropriate techniques to suit the nature of the design or the communicative purpose.']</p>
FIT5144	<p>This unit is an elective designed for PhD and Master of Philosophy students. It focuses on the development of strategies and skills to complement and support PhD and Masters research studies, and prepare students for a career in research. PhD students are expected to complete FIT5144 before their Mid-Candidature/Progress Review.</p>	<p>['develop and implement a publication strategy;', 'manage research data and IP;', 'develop and implement research funding strategies;', 'apply entrepreneurial and innovative approaches to commercialising research;', 'communicate and publish research findings in different forms to a range of different audiences in academic, industry and community forums;', 'plan and organise PhD and Masters research, using the milestones to ensure timely completion;', 'apply a range of generic and professional research skills to enhance future employability and plan a career in research.']</p>

ASP4220	ASP4210 and ASP4220 together, are equivalent to ASP4200 but they enable students to study part-time by allowing completion of the work over a longer time period.	['Demonstrate an advanced understanding of astrophysics and related disciplines.', 'Synthesise and interpret their knowledge.', 'Apply their knowledge and critical thinking skills to the solution of complex problems.', 'Plan, and efficiently carry out, work requirements.', 'Make effective use of information and communication technology for the collection and analysis of data, the solution of problems and the presentation of their work.\nStudents will also be able to:', 'Understand, use and explain the basic concepts and principles of the research literature which underpins their chosen area of research in astrophysics.']
MDC5210	This unit advances knowledge, methods and principles in interaction design and focuses on furthering the practical and conceptual skills developed in preceding units. In the studio students will be exposed to a broad range of interactive system design methods from holistic thinking and operational thinking to self-organization, and will explore the significance and complexity of contextualization required in systemic approaches in the design process. A major design project encourages students to develop research skills and experience in applying methods and principles of system design to solve complex interaction design issues.	['Research and integrate advanced interactive system design concepts, approaches, theories and principles to their own design practice;', 'Utilise contextual diagrams and interfaces as core components in a design outcome with consideration for the basic needs of target users;', 'Apply research, problem-solving methodologies and advanced technical skills to plan and manage complex interaction design solutions from initial concept to final resolution;', 'Communicate ideas and concepts to critically reflect and justify own design through a process of observation, analysis, selection, interpretation and expression;', 'Critically analyse and evaluate the rationale for integrating interactive technologies in a design solution;', 'Observe and employ occupational health and safety appropriate to studio practice.']
BMH4200	BMH4200 year aims to develop analytic abilities and critical thinking skills as well as provide students with advanced knowledge in specific areas of Biomedical Science. Students will choose to undertake one of the five modules within BMH4200 that relates to the discipline area of their research project. Each module within the unit BMH4200 will include common coursework activities and a common assessment regime. Students will attend a lecture/seminar series and will undertake technical training on data analysis and interpretation relating to the discipline area. Students will critique a journal article, which is distinct from their research topic in BMH4100, in written or oral format.	['Critically review scientific literature in the discipline area of research;', 'Apply knowledge of current methodologies and concepts to appraise scientific literature in the discipline area;', 'Apply analytical and data analysis techniques relevant to the discipline area of research;', 'Effectively communicate concepts in the discipline area of research both in writing and orally.']
MGF2111	The unit takes a positive and appreciative approach, presenting supportable practices and interventions to help understand and develop more positive and productive individual, team and organisational behaviours and outcomes. A range of relevant issues will be addressed at the organisational, environmental, team and individual levels including: the employment relationship, reward systems, positive organisational behaviours, learning, leadership, teamwork, technology, emotions, culture and diversity.	['describe and discuss the major theories and concepts that pertain to understanding behaviour in organisations', 'describe and discuss contemporary perspectives in Organisational Behaviour, including the Positive Organisational Behaviour approach to this field', 'engage with the relevant research literature, and draw on that literature to make plausible, evidence-based predictions about how environmental factors may influence organisational behaviour', 'examine the role of Organisational Behaviour theory in enhancing both individual and organisational effectiveness.']

RAD3002	This unit is designed to provide students with the requisite knowledge and understanding of the scientific and technological principles associated with the practice underpinning Computed Tomography (CT) imaging.	['Describe the scientific principles underpinning modern multi-slice computed tomographic scanners;', 'Articulate the technological characteristics and the relevant applications of multi-slice computed tomography medical imaging systems;', 'Apply a range of radiation protection measures applicable to CT in simulated situations;', 'Critically evaluate basic clinical scanning protocols, digital image processing techniques and equipment, image display and reconstruction routines used in CT', 'Describe and interpret positioning and methods employed in CT examinations of the head, chest, abdomen/pelvis, and spine.', 'Identify the key anatomical and pathological appearances in CT images of the head, chest, abdomen/pelvis,']
MAE5404	The unit aims to develop an understanding of damage tolerant design. It allows students to translate the real-world treatment of initial flaws and crack growth data to an abstract form for structural modelling. The unit aims to develop an understanding of the application of fracture mechanics in airworthiness applications and students will gain knowledge of the role of inspection intervals, residual strength and in-service crack growth, to the through-life support of aircraft.	['understand and apply the FAA and USAF damage tolerant design requirements.', 'apply the analytical tools to meet these requirements.', 'understand the structural idealization and rationalization methodologies currently used in the aerospace industry to assess airworthiness.', 'recognise the interaction of materials, loads, geometry and environment in setting inspection and operational life limits.', 'understand the determining factors controlling the choice of materials for a given design goal.', 'develop a mature understanding of future trends in airworthiness.', 'students are further encouraged to develop a broad understanding of international aspects of airworthiness.', 'develop a mature understanding of the role of airworthiness on the through-life support of aircraft.', 'the capacity to ask appropriate questions when engaged in the preparation and development of their work.', 'a basic understanding of the fatigue performance of structures subjected to complex load spectra.']
MKF2131	With increasing availability of data and computing power, more and more companies are using data driven decision making, and data is becoming the heart of the corporate decision making process. In this unit, you will learn the power of marketing analytics and its effectiveness in making better decisions. Working with multiple marketing metrics and models, you will develop skills to identify problems, analyse data and develop optimal decisions for various marketing issues.	['evaluate and use a range of marketing metrics and models, and apply them to analyse business problems', 'develop a capability to interpret metrics and model outcomes, evaluate strategies and develop managerial recommendations', 'recognise the strengths and limitations of various metrics and models.']

FIT4042	<p>Students are on placement full time in a defined, graduate level role during a 22-week placement period at established partners of the Faculty of IT industry based learning program including major global companies, leading Australian companies and worldwide consultancies. The students on placement apply the knowledge, skills and practices of professional attitudes and behaviour developed in their academic units. They develop communication, time management, self-reflection and customer service skills in business situations, experience and participate professionally in the corporate environment and obtain feedback from experienced supervisors on their performance.</p>	<p>['set achievable and measurable goals;', 'identify useful theoretical knowledge that has been covered in prior coursework and knowledge that has not yet been covered;', 'develop and practice professional skills and attitudes including: initiative, communication, time-management and teamwork skills in a business environment;', 'develop solutions to business problems using information technology and other techniques;', 'prepare documentation and written reports of a professional standard;', 'address performance improvement opportunities identified by industry supervisors and self-assess opportunities for personal development;', 'develop information technology skills (such as business process modelling, performance enhancement of installed software, updating current software and developing new software) in a complex, corporate business environment;', 'apply engineering synthesis and design processes in a business and information technology environment;', 'evaluate and critique the engineering approaches undertaken during the conduct and management of the projects.']</p>
ATS3913	<p>Students work through three to five key play-texts by, or related to, Shakespeare , analysing these in the context of theoretical texts by practitioners and scholars, and concentrating on how the works might be staged and performed. Histories of acting, directing, and production theories are explored in detail, giving consideration to how the texts have been performed throughout their production histories. Students will apply the theories in practical exercises based on the texts and the writings of the practitioners. The unit emphasises the comparative practical consequences of different approaches and understandings.</p>	<p>['possess a first-hand embodied knowledge of different approaches and techniques of a variety of practitioners and theorists from throughout the history of theatre;', 'have received an introduction to key concepts in the history of theatre performance;', 'have a practical understanding of the relationships between theory and practice in theatre performance;', 'be able to employ a variety of practical approaches to the analysis of playtexts;', 'understand and employ the concepts of a historiography based on performance;', 'have experience of the relative importance of actor, director, writer and other participants in different approaches to theatre performance;', 'have considered experience of the affective dimensions and assumptions of different understandings of theatre performance.']</p>
MEC6885	<p>This unit explores the theory and practice of the supply of energy, energy management and auditing, and the design of sustainable energy facilities. It deals with the systems needed to create low-energy, sustainable buildings, including passive solar design, energy-efficient heating and air-conditioning, and combined heat and power.</p>	<p>['Demonstrate the concepts and dimensions of energy sustainability to the development of future sustainable energy technologies.', 'Generate the strategy of sustainable management of energy by creating organisational structure and corporate culture as well as transforming goals and allocation of resources in the process of energy conservation and management.', 'Apply sustainable energy management practices, from improving energy efficiency to utilising renewable resources to minimise risk in buildings and power plants.', 'Appraise the sustainable energy development level by indicators of development in line with the implementation of energy efficiency audit, energy management risk, and environmental investments risk assessment.']</p>

MGW3130	<p>This unit introduces students to various concepts of organisational change and development. It covers topics including: theories of organisational development, organisational change and organisational transformation; the role of the organisational change practitioner; development of change interventions; employee responses to change; and challenges of change.</p>	<p>['introduce students to organisational change and development theories and develop fundamental knowledge of organisational change as an area of management;', 'explore various models and analytical tools used by organisational change practitioners', 'identify and critically evaluate a variety of organisational change interventions', 'develop an understanding of the challenges that both managers and employees face when experiencing change', 'develop critical thinking and analytical skills in applying organisational change theory to various workplace situations', 'demonstrate in the individual summative assessment task a comprehensive understanding of the topics covered in the unit. This is demonstrated by the requirement that the student must attain a mark of at least 40% in the final summative assessment task.']</p>
NUR5204	<p>This unit examines contemporary issues impacting on education for health care practitioners, within a context of continuous change. Students explore a range of theoretical underpinnings that impact upon the educational process in health care practice with emphasis placed on educational theorists. Students will apply theoretical learning to teaching practice through participation in practicum; or through their role as a teacher within their own clinical practices. This will include both classroom (small and large group) and clinical teaching experiences in a variety of settings. It will equip students with the knowledge and mastery of skills necessary to critique, understand and respond to the learning preferences and needs of those whose education they have responsibility for. It will prepare students with the skills and knowledge to critically evaluate and assess the outcomes of an educational intervention. It will offer students a theoretical underpinning for current modelling of professionalism, clinical competence and lifelong learning.</p>	<p>['Critique and reflect on the most appropriate and evidence based method(s) of assessment for a given learning experience, be able to justify their choice, and offer detailed explanations of the complexity of its implementation within a multicultural setting.', 'Design and critique an appropriate evaluation strategy for a given learning experience, including an assessment of the outcome(s).', 'Investigate and critically analyse recent ethical trends within their profession with particular reference to the teaching and assessment of clinical professionalism and competence.', 'Demonstrate competence as a clinical teacher (including a self and peer critical evaluation of the teaching) and the competence to reflect on and constructively respond to the results of such evaluation.', 'Design, critique and reflect on an appropriate tutor preparation to enable effective delivery of a given learning experience: teaching others to teach.', 'Critically assess and evaluate recent trends within their profession with particular reference to inter professional education.']</p>
ATS2215	<p>Language: A review of Ukrainian grammar; development of conversation and composition skills using texts on contemporary themes</p>	<p>['Students who have completed this unit, will be expected to demonstrate a knowledge of Ukrainian grammar based on the prescribed materials', 'Students should have acquired an advanced vocabulary relating to selected subjects from everyday life', 'They should be able to read, write, speak and understand standard Ukrainian correctly at the level of non-technical communication', 'Students will be expected to have a knowledge of the main developments in modern Ukrainian history, literature and culture, of the representative works from the period, and of the major explanatory frameworks', 'They should have acquired basic skills in the analysis and interpretation of primary texts, events, and secondary literature.']</p>

EAE3581	<p>Geochemistry concerns itself with the distribution and mobility of elements within the earth and its atmosphere. Over the past decades it has evolved from a descriptive science to one being increasingly concerned with the (molecular-level) mechanisms behind the observations. This unit provides an overview of the fundamental chemical principles that control geochemical processes, and shows how this knowledge can be used to understand, predict, and manage applied geochemical problems, including mineral exploration and geometallurgy; radioactive waste disposal; applied mineralogy and environmental remediation.</p>	<p>['Apply fundamental chemical principles to understand the distribution and mobility of elements in Earth systems.', 'Discuss the key physical and chemical parameters that control element mobility in a given geochemical system.', 'Understand the different analytical tools that can be used to study geochemical systems and the information they deliver.', 'Develop an understanding of key geochemical questions.', 'Apply the knowledge to understand and predict the evolution of natural and engineered geochemical systems.']</p>
VCM4029	<p>This unit will examine the activities integral to the development of interactive systems, detailing the techniques of systems analysis and design used in the development process. Fundamental programming concepts will be introduced within an interactive-media scripting language framework as a mechanism for system development. Students will be involved in a mixture of individual and group-based work which will require application of the theoretical knowledge gained in lectures to a series of practical problems in interactive systems development.</p>	<p>['Utilise a range of systems analysis, design methodologies and their associated tools and principles;', 'Understand the main participants and their roles in the development of interactive systems;', 'Apply quality assurance techniques for the analysis, design, implementation and maintenance of interactive systems;', 'Understand the advantages and disadvantages of alternative approaches in systems analysis and design;', 'Convert requirement analysis models to design models that represent a workable solution system;', 'Prepare analysis and design documentation for an interactive system;', 'Apply sound programming principles to the use of an interactive scripting language;', 'Develop skills in team collaboration.']</p>
ATS2003	<p>Chinese Intermediate 1 continues the overview of the important sentence structures of modern standard Chinese begun in Chinese Introductory. Equal emphasis is placed on the four skills of reading, writing, listening and speaking. Speaking classes cover practical, everyday situations, to develop interactive competence at a basic level in a range of situations likely to be encountered in daily life in contemporary China. In addition to regular classroom activities, listening and reading skills will be further developed through the use of audio/visual, Web-based and computer-assisted language learning materials.</p>	<p>['read and write an additional 200 Chinese characters (700 in total).', 'critically reflect on the basic syntax of Modern Standard Chinese and on the similarities and differences between it and English.', 'employ a grammatical framework to analyse and describe the vernacular Chinese under study.', 'orally communicate quantitatively and qualitatively in a range of everyday, practical situations.', 'use cultural (socio-political) knowledge to enhance understanding of the texts under study and to communicate using appropriate levels of formality with Chinese from mainland China, Taiwan and various parts of the Chinese Diaspora.', 'demonstrate language proficiency equivalent to Common European Framework of Reference (CEFR) level A2-.']</p>
FIT5143	<p>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.</p>	<p>['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.']</p>

CHM3941	A general description of the synthetic methods and characterization techniques that are used to prepare coordination complexes and organometallic compounds will be provided together with the tools and methodologies used in the determination of reaction mechanisms and, in particular, metal centred/mediated reactions. Techniques commonly used to study the structure and properties of inorganic complexes will be introduced through the practical classes and a problem based approach.	['Derive the structural chemistry of transition metal complexes using various analytical techniques;', 'Apply knowledge of chemical kinetics and thermodynamics to the stability of transition metal complexes;', 'Describe and undertake the synthesis and characterisation of main group organometallic complexes;', 'Understand and demonstrate the relationship between reactivity, selectivity and structure in main group organometallic complexes;', 'Apply main group organometallic complexes in the asymmetric synthesis of bioactive molecules.']
NUR5928	The advance practice general nurse requires a diverse knowledge and skill base to appropriately and effectively assess and manage clients/patients in a hospital environment. This unit will enable students to develop proficiency in the holistic management of patients with gastrointestinal, neurological, endocrine and musculoskeletal dysfunction, and trauma. The unit will prepare the student to provide an advanced level of care to medical and surgical patients across age groups, and from all socio-cultural and economic groups.	['Locate and critically appraise data to support advanced medical/surgical nursing practice.', 'Synthesise information in order to plan and implement appropriate, evidence-based, person-centred therapeutic interventions for medical and surgical patients experiencing gastrointestinal, neurological, endocrine and musculoskeletal dysfunction, and trauma.', 'Critically evaluate the socio-cultural, legal and ethical issues related to the nursing management of medical and surgical patients.', 'Analyse the application of interpersonal skills in the management of patients, families and significant others who are experiencing grief, loss or what they perceive to be a crisis.', 'Critically analyse the clinical, situational and professional issues supporting and complicating advanced practice in medical and surgical nursing.', 'Critically evaluate approaches to patient safety and clinical risk management.']
MAT9004	Mathematical topics fundamental to computing and statistics including trees and other graphs, counting in combinatorics, principles of elementary probability theory, linear algebra, and fundamental concepts of calculus in one and several variables.	['use trees and graphs to solve problems in computer science;', 'apply counting principles in combinatorics;', 'describe the principles of elementary probability theory, evaluate conditional probabilities and use Bayes' Theorem;', 'demonstrate basic knowledge and skills of linear algebra, including the manipulation of matrices, solution of linear systems, and evaluate and apply determinants;', 'explain fundamental concepts in calculus including basic differentiation and integration, and composite, inverse and parametric functions;', 'perform key skills in the calculus of functions of several variables including the calculation of partial derivatives, find tangent planes and identify stationary points, root findings and convexity for optimisation.']
ARC4502	This unit provides focused study into architecture culture. The unit will foster critical capacities for comprehending and contributing to the built environment. This unit examines architectural culture through the lenses of historically and theoretically based speculative and material developments. Investigations will incorporate various methodologies and diverse points of view. Students will also gain awareness of the associated effects on and of architectural design.	['Have a broader understanding of architecture culture;', 'Gain skills for evaluating dimensions of architecture culture;', 'Be exposed to methods and tactics involved in architecture culture;', 'Have developed skills for producing and communicating critical investigations of architecture culture;', 'Understand and be able to apply the rules of occupational health and safety appropriate to the unit of study.']

BEX3351	This unit is designed to enable students undertaking undergraduate degrees in business and economics to undertake an individual research project in the general area of business.	['demonstrate an ability to apply a broad range of knowledge and understanding of key business theories, concepts, tools and techniques in a practical context', 'investigate, describe, consider and evaluate a specific business issue', 'develop higher level business conceptualisations and understandings about the topic under investigation', 'to report on the outcomes of the project', 'to reflect and report on the personal learning derived from the project.']
MEC4416	Unsteady heat conduction, numerical solutions to multi-dimensional conduction problems. Derivation of general governing equations for fluid flow, heat transfer and mass transfer. Free and forced convection heat transfer in laminar and turbulent flow regimes. Fundamentals of mass transfer. Introduction to two-phase heat transfer. Applications to mechanical engineering systems: fuel cells and alternative energy devices, heat pipes in electronics cooling, micro-scale heat transfer and bioheat transfer.	['Evaluate engineering problems involving heat conduction by selecting and applying the appropriate tools to model the problem and identifying ways of controlling the system to get the desired outcome.', 'Select and use appropriate models and tools in order to predict the performance and know how to alter a system to achieve a desired effect in problems involving energy transfer in a fluid medium.', 'Analyse situations involving mass transfer by exploiting the analogy with conductive and convective heat transfer.', 'Analyse systems and devices that are widely used in engineering practice to effect heat transfer between fluids.']
AMU1312	The unit introduces students to a broad range of creative writing and what pursuing a major in writing academically entails. The first objective is to provide students with an understanding of the functions that different types of creative writing play, and as such, the importance of forms and techniques when writing to ensure the effectiveness of their functions. Based on these learning points, more focus is given to reading creative writing at this stage, although assignments will revolve around the practise of creative writing. The second objective is to show the interrelatedness between reading and writing. The unit aims to help students understand the importance of close reading in order to fully appreciate good writing by cultivating in them interpretative skills.	['identify the different types of creative writing and their related forms and techniques;', 'recognise form and techniques in the practice of creative writing to convey the meaning of a text;', 'identify the specific function of each creative writing type, and techniques unique to it (i.e. poetry);', 'utilise close reading skills to develop writing skills;', 'work independently and collaboratively (via peer reviewing) on short pieces of creative writing;', 'utilise technical aspects to enhance the quality of their creative writing.']
MGF5261	This unit is designed to develop student understanding of how managers construct and renew a talented workforce. Content addresses building employee ability, motivation and opportunity. There is a particular focus on the management and career development of professionals. The unit addresses the theories that underpin talent management as well as talent management in practice.	['critically evaluate theoretical frameworks for talent management across global organisational settings', 'develop skills in identifying talent and evaluating the talent renewal needs of professionals', 'examine human resource management practices which influence the success or otherwise of implementing a talent management approach', 'formulate, evaluate and recommend practical solutions to talent management challenges.']

MPH5248	<p>This subject will provide an overview of the history, principles and practice of primary health care in developing countries, as well as the interaction between primary healthcare and current trends in global health and international development.</p>	<p>[Describe the core principles and elements of successful primary health care in resource-constrained settings, and use these principles as an analytic tool in planning and evaluating responses to current global health issues;','Develop systems-oriented strategies for improving primary health care using at least two frameworks for understanding health systems in resource-constrained settings;','Describe the importance, variety and roles of community health workers and their appropriate deployment as a response to resource-constraints in health care delivery;','Explain and analyse the role of global agencies; aid and development modalities and other international health interventions in the planning, delivery and evaluation of primary health care services in resource-constrained settings;','Summarise and critique options for resourcing primary health care, including two or more financing models appropriate to resource-constrained settings;','Describe the role of community knowledge, attitudes and practices and health care seeking behaviours in primary health care, and how these factors can be assessed and incorporated into programs']</p>
ATS3939	<p>From The Godfather to The Sopranos, American crime fiction has played a crucial role in shaping the collective imagination about Italy and Italians, contributing to the stereotype of Italy as the "country of corruption and crime". Italian writers have appropriated the crime fiction genre to tell their own stories. This unit focuses on the origins and development of Italian crime fiction, from the first serialised novels (gialli) published in the 1930s to cinematic masterpieces and internationally-acclaimed TV series.</p>	<p>[critically analyse a variety of sources (crime novels, films, TV series and programmes);','apply a range of contemporary theories in crime fiction studies;','interpret key elements of recent Italian society through crime fiction;','research, develop and confidently communicate a critical argument.']</p>
MDC4216	<p>This unit focuses on the technical and practical capabilities required by creation of Tangible Interaction Design (TID) prototypes. Students will be introduced to the interdisciplinary nature of physical computing with an emphasis on tangibility, and focus on design implementation using an integrated prototyping skill-set. Students will develop a repertoire of knowledge through the exploration of the concepts, methodology and vocabulary of physical computing enabled prototyping techniques. Skills developed in this unit will be used to support the major studio project to bring abstract concepts into the real world.</p>	<p>[Critically analyse established methods and techniques used in the development and implementation of physical computing technologies, to draw links between interactive behaviours, functionalities, physical components, and interface elements;','Apply technical skills in Tangible Interaction Design system structure design, coding and tech-fabrication of open source technologies to own interaction design practice;','Use skills in programming, physical-computing and prototyping methods and conventions, to design and build functional Tangible Interaction Design projects;','Integrate problem-solving methodologies and prototype design processes to produce Tangible Interaction Design prototypes with functionality to browse, explore, analyse and manipulate;','Communicate and justify concepts and methodology used in designing for physical computing enabled technologies;','Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']</p>

UPD4202	This unit develops skills and knowledge around the historic and current economic structures of cities. Students will undertake research into economic approaches to urban development, city infrastructure and service delivery, as well as critically reflect on the economic drivers of cities in Australia and overseas.	['Discuss and understand the historical and contemporary economic drivers shaping cities;', 'Analyse and evaluate urban and metropolitan economies;', 'Apply basic knowledge of land economics and conduct feasibility analyses;', 'Discuss approaches to financing for urban infrastructure in Australia and abroad;', 'Understand and be able to apply the rules of occupational health and safety appropriate to the unit of study.']
MKS3631	This unit aims to give students first-hand experience of working in an industry in which they would like to be employed on graduation. Internships are designed to provide students with an opportunity to integrate marketing theory with business practice. Separate internship programs are drawn up for each student.	['critically analyse a marketing activity', 'evaluate the impact of a specific marketing theory within a business context', 'evaluate the experience of working within an organisation', 'communicate clearly and effectively with both business and academic stakeholders.']
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.']
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.']

BFX5260	This unit will combine classroom teaching and direct experiential learning in financial markets covering topics that may include market participants, treasury operations, market structures, dealer markets, liquidity and price formation. This unit is taught in the simulated trading and research laboratory (STARLab). It is a specialist, practically oriented unit where attendance is compulsory as assessment is based on classroom activities. An understanding of financial prices, returns and volatility is required.	['formulate portfolio management decisions', 'compare and contrast differences between various market structures', 'acquire an in-depth understanding of economic concepts such as market efficiency, performance evaluation and market structure regulation', 'plan, verify and settle transactions completed in STARLab', 'develop, implement, analyse and manage strategies in financial markets', 'plan, organise and report on all activities involved in STARLab', 'apply critical thinking, problem solving and presentation skills to individual and/or group activities dealing with treasury and financial markets.']
ADA3111	Design Thinking applies the skills and strategies developed by designers to a wide range of problems and situations. These skills and strategies include a range of conceptual and communication approaches, ways to explore and reconsider the context in which we work, as well as what should or could be achieved. Design thinking brings together some approaches that are known in the sciences and humanities, such as analysis and synthesis, but applies them in ways that are particular to a design approach. Design thinking can enable a more flexible approach to problem solving, and a more nuanced engagement with the complex issues of our contemporary world. This unit will introduce students to the key skills and practices associated with design thinking, and offer opportunities to explore the application of these basic creativity techniques in a range of disciplines.	['Demonstrate understanding of the concepts of design thinking and their application;', 'Identify and analyse ill-defined, real-world project problems and relevant design thinking approaches;', 'Apply Design Thinking methods and approaches to a project-based problem, to develop new perspectives on key issues and to identify potential opportunities;', 'Develop, test and evaluate original proposals in response to project-based problems;', 'Develop an awareness of their preferred approaches to complex tasks, and ways these may be extended through Design Thinking.']
CHM4221	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']
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.']

FIT3169	FIT3169 introduces students to immersive environment design and production principles using game engine prototyping software. Building upon the 3D creation and editing skills in the prerequisite unit FIT1033 Foundations of 3D, students will learn how to create game levels, import assets (models, sounds, animations), extend supplied code (JavaScript) to visualise interactive virtual environments for a range of applications and devices.	['analyse and evaluate game asset production techniques;', 'implement game design principles in working interactive environments;', 'construct and create virtual environments;', 'design and develop immersive 3D or 2D game prototypes.']
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.']
ATS3487	The unit is designed to introduce students to a range of eighteenth-century English texts that employ and explore irrationality, emotionalism and the supernatural. The unit considers why and how an era that championed Enlightenment values (such as scepticism, rationality and restraint) also gave rise to gothic, horror and supernatural literature, a literature of unrestrained emotionalism, morbid and fantastic speculation, and irrational themes.	['Read and interpret eighteenth-century English verse and prose with ease and pleasure.', 'Locate and recognise, contextualise and analyse, critique and formulate hypotheses about, a range of eighteenth-century texts.', 'Locate, reflect on and synthesize information relevant to the interpretation of eighteenth-century English texts and engage in creative and original thinking regarding those texts.', 'Articulate their interpretations clearly and persuasively in oral and essay form, organising and synthesising their ideas into clear, coherent, logical and persuasive arguments.']
MDC4010	This unit develops the practice of advanced design communication by combining techniques and media, as well as experimental methods. Students will be required to examine current methods to help develop their design visualization proficiency.	['Demonstrate advanced proficiency in the use of drawing as a means of communication to show salient features of an intended design;', 'Have an advanced practical and critical understanding of drawing as a method of externalising thoughts and developing ideas;', 'Communicate their ideas through concept presentation sketches and renderings;', 'Use drawing for persuasion and communication in a design context;', 'Demonstrate proficiency in a variety of techniques: traditional, electronic and experimental;', 'Select appropriate techniques to suit the nature of the design or the communicative purpose.']

APG5215	In this unit students will be introduced to the themes of 'creative cities' in the specific context of urban change and regeneration in contemporary Italy and European cities more generally. These themes include the production and consumption of culture (media and film industries; media cities; cultural production clusters; culture-led urban regeneration; and city branding and identity through culture. The focus will be both larger (Milan, Bologna, Roma) and smaller (Prato, Florence) Italian cities, which will provide field work sites and case studies. This unit, taught intensively in block mode, may also include field trips to cities outside of Italy.	['critique the different roles of arts and cultural industries in various aspects of European urban policy;', 'investigate and evaluate different aspects of cultural production and consumption across different projects, sites and communities in the city;', 'formulate, structure, and present in writing a close analysis of European cultural and creative cities;', 'collaborate in cross-cultural projects in person and online.']
NUR5411	This unit will enable students to develop the assessment and diagnostic knowledge and skills required for practice as a nurse practitioner.	['Demonstrate a structured approach to an advanced focused health assessment for each body system.', 'Perform advanced, comprehensive and holistic health assessment in an area of specialist practice.', 'Document relevant findings from patient assessment in a succinct and systematic manner.', 'Analyze the contribution of physical, emotional, psychological, social, and cultural factors to health assessment.', 'Outline common investigative options relevant to area of specialist practice.', 'Analyze clinical assessment findings to make decisions about investigative options.', 'Interpret and analyses results from diagnostic tests in the context of the patient physical assessment.', 'Synthesize findings from assessment and diagnostic tests to formulate clinical impressions and identify differential diagnoses.', 'Analyze the role of technology in supporting diagnostic reasoning in the specific clinical context.']
ATS3876	The subject will take the form of student-initiated discussions on problems connected with knowledge and belief. It will be mainly based on recent articles, which will be mostly be found in the prescribed text for the course, and in the case of a few others, made available online.	['To acquaint students with developments in epistemology as it has been practiced in analytical philosophy in especially the period from the 1960s to the present day.', 'To provide students with an environment in which to learn, and to improve their philosophical skills. by face-to-face discussion of the issues, from week to week, with other students who have read the same preparatory material for the class in question and may have come to different conclusions.']
IDE2810	This unit provides an overview of furniture design practice in Industrial Design. It outlines specific issues of the design process with particular reference to form, materials and structure. Methods of design communication and presentation are explored and applied.	['Understand the diversity of materials and processes for making furniture;', 'Have increased sophistication in ergonomic analysis;', 'Understand constructional requirements and techniques;', 'Understand the development of furniture design concepts;', 'Undertake simple three-dimensional projects with regard to functional, technical, structural and aesthetic design criteria;', 'Understand and practice the rules of occupational health and safety in force in the industrial design studio.']

GLS1211	<p>This unit introduces students to the practice and theory of glass as a means of contemporary creative expression. It focuses on the acquisition of skill in a number of techniques, including sandblasting, engraving, glass fusing and slumping and molten glass sand casting. Students will be made aware of contemporary fine art practice and multi-disciplinary approaches which include glass media. Students will engage with the unique visual properties of this medium.</p>	<p>['Understand a variety of production methods used in the glass studio environment, appreciating the nature of various glass processes, their properties and uses;', 'Discuss their work within a theoretical and historical rationale;', 'Initiate, develop and express personal aesthetic solutions that show an awareness of the contemporary use and context of Glass as a medium;', 'Analyse and review the application of glass processes they have learnt in relation to many disciplines;', 'Consolidate understanding of the position and application of processed based media in the boarder artist/designer community;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']</p>
ATS1337	<p>The central feature of Yiddish 1 will be the teaching of Yiddish as a living language, as a tool for both written and spoken communication. The course is designed for students who wish to improve their knowledge of the subject both in its literary and colloquial form. The course will include use of non-literary texts and exercises to develop grammatical, syntactic and idiomatic mastery of the language. An additional component will utilise Yiddish literary texts of Australia as well as other countries. Completion of parts A and B will prepare students to continue to an eventual major in the subject.</p>	<p>['Demonstrate a mastery of reading and writing Yiddish script.', 'Gain a working understanding of spoken Standard Modern Yiddish.', 'Acquire the ability to write original Yiddish sentences and paragraphs.', 'Acquire the essential skills required for Yiddish conversation.', 'Develop an appreciation of the richness of Yiddish as a rich literary and cultural tradition.']</p>
IRD5000	<p>This unit comprises a major research program including submission of a thesis. The thesis should embody the results of the candidate's investigation, which demonstrates independence of thought and the candidate's ability to carry out research in that discipline. Minor coursework such as a literature review and oral presentation is specified by the enrolling department.</p>	<p>['NA']</p>

PSY5105	<p>The aim of this unit is to ensure that students are familiar with disorders that occur during childhood and adolescence. Diagnosis and classification, aetiology of the major disorders occurring in childhood and adolescence, as well as the major forms of treatment and management based on recent research will be covered. Various disorders will be examined including autism, attention deficit hyperactivity disorder, anxiety disorders, and depression. Students will be expected to develop competence in the application of diagnostic classification systems to children but also will be encouraged to critically evaluate such systems and be aware of their limitations in paediatric populations. A component of this unit will be devoted to formal psychological, especially cognitive, assessment of children and adolescents. Although the major focus of this unit will be on the identification and assessment of disorders and assessment of cognitive abilities in children, the use of various treatment modalities with children, adolescents, and their families will also be discussed with an emphasis on cognitive behavioural approaches. The final sessions of this unit will focus on clinical developmental issues later in life.</p>	<p>['Understand the diagnosis, classification, and aetiology of the major disorders occurring in childhood and adolescence;', 'Understand the principles of interviewing and assessing children and adolescents;', 'Be competent in the administration of the Wechsler Intelligence Scale for Children (WISC-IV);', 'Be familiar with the major forms of treatment and management based;', 'Be competent in writing a clinical case formulation for a child presenting with a clinical developmental disorder; and', 'Understand clinical developmental issues using a biopsychosocial frame-work.']</p>
PHA3801	<p>The main theme is an introduction to drug use in our society. The following topics will be covered:</p>	<p>['Describe how drugs work, when and how they are used, their side-effects and toxicity;', 'Demonstrate understanding of the risk-benefit aspects of drug use;', 'Demonstrate knowledge of the sources of drugs and rationales for their use;', 'Demonstrate appreciation of ethical issues encompassing drug research and clinical trials;', 'Carry out tissue bath experiments to elicit drug effects.']</p>
FIT2098	<p>This unit explores the design principles and content creation process for Virtual reality (VR) and augmented reality (AR) applications. Students will be given the opportunity to apply the interactive and cognitive functions of VR and AR systems, design and develop assets, and use VR and AR tools and platforms to deploy content.</p>	<p>['demonstrate the use of software to create VR environments and AR objects', 'describe the principles of designing and deploying specific VR environments and AR applications', 'analyse the range of options and controls available through VR and AR software applications', 'explain VR and AR User Interactions, Hardware, Capabilities & Sensors', 'develop applications of VR environments and AR technologies', 'create VR environments and AR applications.']</p>

AVM5002	<p>Understanding the various hazards to human health which are unique and specific to the aviation environment is crucial in developing countermeasures to protect humans from the adverse health effects of such exposures.</p>	<p>['Recognise, assess, and evaluate the level of exposure and assess the degree of risk to health from workplace and environmental hazards as it relates to the aviation industry', 'Summarise the physical, chemical and radiation hazards in the aviation environment', 'Identify and describe the hazards unique to the aircraft cabin environment and ways to mitigate the consequences of exposure', 'Evaluate the assessment of fitness to fly of passengers and the risks and challenges involved in the provision of inflight medical care', 'Critically review the risks of communicable disease transmission during air travel and how those risks are managed', 'Provide informed advice on appropriate control measures for aviation hazards in workplace and the community']</p>
BND3202	<p>This unit is focussed on extending students' food composition, food therapeutic and food systems knowledge to support dietetic practice with integration and application in the practical and placement setting. There is extension of students' research and problem solving skills in managing placement based food service challenges. Students' personal and professional competencies are further developed. This unit supports fulfilment of prescribed competencies as outlined by the Dieticians Association of Australia.</p>	<p>['Integrate food composition and practical food knowledge to a range of therapeutic applications to support dietetic practice', 'Compare and contrast food service systems across healthcare settings including key regulatory and accreditation systems relevant to food service management.', 'Develop and communicate plans to provide safe and nutritious food in food service settings', 'Implement, evaluate and disseminate results of activities that support delivery of quality nutrition and food standards within a food service', 'Apply research practice skills and innovative problem solving to food service management challenges', 'Apply the principles of management in food service including organisational management, human resource management and production management', 'Utilise reflection, professional and personal communication and teamwork skills.']</p>
RTS5102	<p>This unit covers advanced medical radiations physics with a specific focus on image formation and instrumentation. Students will gain an in-depth conceptual understanding of the instrumentation used for each of the diagnostic imaging modalities. Students will undertake a critical review of the physical properties responsible for image formation. Students will acquire an appreciation of the Image Registration process and the importance of combination imaging in radiation therapy. Students will gain an in-depth knowledge in the underlying theory and corresponding advancements in clinical radiation therapy instrumentation. Students will apply this knowledge in a critical review of advanced radiation therapy techniques.</p>	<p>['Illustrate the principles of operation and image formation of CT, PET, MRI and Ultrasound modalities reflecting on their use in radiation therapy;', 'Discuss Image Registration and evaluate the advantages gained from combination imaging;', 'Describe the scientific concepts and analyse the clinical applications of Intensity-Modulated Radiotherapy;', 'Evaluate the principles of Image-Guided Radiotherapy, describing the instrumentation and equipment used;', 'Appraise the advanced techniques of radiation therapy including Stereotactic Radiosurgery and Brachytherapy.']</p>

APG5470	<p>In today's globalised world, particularly in multicultural societies such as Australia, all professions require a nuanced understanding of the challenges and opportunities created by cultural diverse workplace. 21st-century graduate students need to be equipped with a critical understanding of intercultural competence, as well as the skills and attitudes required in order to apply this understanding to their chosen field. This unit addresses current needs in the areas of intercultural communication by training professionals in cultural intelligence, thus providing them with a practical 'intercultural skill-set' relevant to their field of expertise.</p>	<p>['identify and critique culture frameworks and their impact in global workforce', 'evaluate how cultural differences shape discourse, attitudes and behaviours', 'discuss differences in forms of verbal and non-verbal communication', 'identify and adapt communication patterns and styles', 'develop personal cross-cultural competence for adjustment to culturally diverse settings']</p>
NUR4401	<p>This unit provides students with the opportunity to encounter a challenging research environment through the interaction of philosophical paradigms and extension of theoretical knowledge and acquisitions of skills to facilitate the undertaking of a research project. The unit will build upon knowledge gained in core undergraduate research units. Students will be allocated a research supervisor to begin formulating research questions and methodology for subsequent study.</p>	<p>['evaluate and utilise appropriate philosophical foundations of research;', 'distinguish and critique quantitative and qualitative methodologies;', 'develop and utilise research skills in the following areas:\n\nadvanced online searching;\ndocumentation management;\ndata collection methods and analysis; and\n', 'advanced online searching;', 'documentation management;', 'data collection methods and analysis; and', 'begin formulating research question and proposed study.']</p>
APG4681	<p>This unit provides students with a broad understanding of the theory and practice of sociological research, and allows students to develop advanced skills in the research design, data collection and data analysis techniques used in Sociology and cognate disciplines. A variety of social research methods will be explored. This unit also examines a range of theoretical and methodological issues involved in conducting sociological research and considers some of the critiques and limitations of social research techniques. The meaning and significance of both ethics and reflexivity in research practice are also explored. Students completing the unit will also develop important practical skills in conducting and analysing social research.</p>	<p>['an appreciation of the history, philosophy and practice of empirical research in Sociology;', 'an understanding of a range of empirical methods and data analysis techniques used in social research;', 'an awareness of some of the key issues, debates and controversies associated with conducting social research, and an appreciation of the complexity of conducting such research;', 'an appreciation of the meaning and role of both ethics and reflexivity in social research;', 'the ability to undertake practical empirical research.']</p>

SCI2400	<p>This unit presents an insight into how science contributes to the development of a society through the eyes of astronomy. The unit uses some of the key astronomical discoveries to demonstrate a complex interaction between pursuing scientific knowledge and how such discoveries influence our society. We will start with the discoveries of Galileo Galilei in early 17th century and how they were influenced by the historical and cultural setting nurtured by the Medici and Lorraine families, the founders and rulers of Tuscany. We will then explore how the development of instrumentation for experimental demonstrations in the 18th century, such as planetariums, were used to popularize science among the public. We will then fast forward to the 21st century and tap into astronomy topics for which new telescopes, such as the Square Kilometre Array (SKA) and the advanced Laser Interferometer Gravitational-Wave Observatory (LIGO), are still being constructed. The activities will be delivered through visits to museums and observatories, classroom discussions and research-based activities. Students will develop awareness of how scientific discoveries are created and propagated in an internationalised world.</p>	<p>['Discuss the development of some of the key astronomical discoveries', 'Discuss the importance of science to the human endeavour', 'Demonstrate research skills in an international cultural context;', 'Demonstrate oral and written skills, and construct evidence-based arguments through a collaborative project', 'Demonstrate an ability to work productively in an interdisciplinary team with other students.']</p>
ATS3987	<p>This unit will examine three primary traditions in Contemporary Performance - Experimental Theatre, Contemporary Dance and Performance Art. The work of key practitioners and movements will be studied with an aim to establish their importance to and influence on contemporary performance practices. Ideas of avant-gardism, theatre as laboratory, physical theatre, site-based performance, and conceptual performance art will be examined and discussed.</p>	<p>['Possess a broad knowledge of a range of the origins of contemporary theatre and performance traditions;', 'Have received an introduction to the ideas of key concepts, developments and practitioners in the story of contemporary performance;', 'Be able to demonstrate an understanding of the relevance of theories of the avant-garde to Twentieth and Twenty-First Century art practice;', 'Be able to understand the importance of different meanings of embodiment in performance practice;', 'Debate the key concepts in contemporary aesthetics;', 'Be able to demonstrate a nuanced understanding of the importance of performance in the broader realm of contemporary art practice.']</p>
BIO4200	<p>Students undertake advanced coursework in their chosen area of Biology (including Genetics) to develop skills in research design, data analysis and presentation, and critical analysis. Students also develop professional skills that are relevant within and outside of academia. Coursework comprises workshops, seminars and research colloquia which is supported through independent learning activities and mentoring from research supervisors. Candidates may commence the honours year at the beginning of either first or Second Semester (July). Further information is available from the course coordinator and at a meeting held with prospective students during second semester (July) of level 3.</p>	<p>['Design experiments, and identify common flaws in experimental design that arise in biological research.', 'Analyse and display data in a manner that is appropriate for specialist scientific talks and publications.', 'Critically evaluate the scientific content of peer-reviewed manuscripts to demonstrate skills in critical analysis of research.', 'Summarise, in writing, the content of scientific seminars, articulating the general scope of research addressed, the methodology, and the larger implications of the research.', 'Reflect upon the development of professional skills gained through the unit.']</p>

BEX3550	This unit is designed to provide students with the opportunity to put theory into practice in a business environment.	['compare and contrast theory and practice', 'apply theory to practice in a supervised environment', 'evaluate personal learning and personal development in a complex business environment', 'analyse complex business problems and to prepare and present innovative solutions.']
FOR5016	The aim of this unit is to provide students with a thorough understanding of all aspects of forensic odontology relating to the treatment of living people in a legal setting.	['Evaluate facial trauma giving consideration to the bio-mechanics of the bones of the facial skeleton.', 'Analyse and interpret soft tissue injury in relation to bite mark evidence, applying skills in the discrimination and comparison of such injuries;', 'Evaluate dental age estimation methods as applied to living individuals;', 'Recognise and evaluate the dental manifestations of child abuse;', 'Illustrate the limitations inherent in identification of individuals from CCTV images;', 'Discuss the regulations of the Australian Dental Board as they relate to malpractice and fraud investigation;', 'Construct dento-legal reports, and discuss the ramifications involved in presentation of clinical forensic odontology evidence before the courts.']
ATS3213	This advanced, final-year unit will contribute to your career development by providing you with an opportunity to complete a major, "hands-on", real-world project that integrates knowledge and skills gained throughout the course in a professional setting. This project will take the form of an individual industry internship - a work experience-based project jointly defined by a host partner organisation and the unit coordinator, undertaken in Australia or internationally. You will be required to recollect, synthesize, and apply knowledge and skills related to your professional media learning project in a reflective project report.	['design a proposal for a major project relating to an internship utilising broad discipline knowledge of media communication;', 'develop and complete a major project relating to an internship utilising applied knowledge, critical thinking, professional judgement and practical skills;', 'report on work undertaken for an internship using professional communication skills and reflexive thinking skills;', 'undertake an internship or collaborative media co-production with a high degree of independence, accountability, and social awareness.']
FIT3172	This unit focuses on the capture, editing and creation/generation of digital sounds and soundscapes for virtual reality environments and games. Students will gain an understanding of the physical and acoustic properties of digital sounds, their communicative capacities, and learn how to layer, manipulate, synthesise and adaptively code digital sound waveforms. In their assignments, students will apply this understanding in the design and creative production of a soundscapes, soundtracks and the sound design of immersive environments.	['explain digital representations of sound and its physical and acoustic properties;', 'implement sound design principles in digital sound recording, editing and synthesis;', 'construct and create soundscapes and sound tracks;', 'design and develop immersive, dynamic and adaptive soundscapes.']

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.']
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.']
MEC4801	This unit explores various established techniques such as dye penetration, magnetic particle, eddy current, ultrasonic and radiography for non-destructive testing (NDT) and contrasts them with destructive methods. Industry standards for NDT and acceptance standards will be included. Case studies from a variety of industries which include microelectronics, aerospace, marine, railway and petrochemical industries will be discussed.	['Characteristics of each method,', 'Theory & basic principles,', 'Advantages and disadvantages,', 'Selection and comparisons of techniques', 'Materials of parts that can be inspected (e.g. fibre-reinforced composites, metals and non-metals)', 'Physical size and/or shape limitations of parts,', 'Economics of the process,', 'Types of defects that can be detected and', 'Ability and accuracy, with which defects can be located, sized, and their orientation and shape characteristics determined.\n\nSpecifically, the unit aims to develop the ability to:', 'Relate the capabilities and limitations of established NDT techniques to their respective basic working principles.', 'Evaluate the various NDT methods for flaw detection and damage assessment and be able to select the appropriate technique for a given scenario.', 'Perform data acquisition and signal analysis related to NDT techniques and use these results to predict the health and integrity of the test specimen.']
APG5390	The challenges facing the sustainable development of the industry in emerging economies are identified and the roles played by key sectors of the tourism economy such as aviation and transport, accommodation, national tourism boards, NGO development organisations and the public and private sector are examined.	['an understanding of key problems and issues in the current and future development of the global tourism industry;', 'a developed capacity to undertake original research on an area of their particular interest;', 'enhanced written and oral communication skills suitable for progress in the tourism profession;', 'an understanding of key issues facing the future development of the industry in emerging economies;', 'an understanding of the challenges facing tourism development in emerging tourism economies/regions.']

FIT5126	This unit is a research unit common to FIT Masters degrees. Due to the nature of IT, a wide range of Masters project types can be offered to students. Some project components are of a practical nature and may involve software development and/or experimentation, while other components are of a more theoretical nature.	['design a rigorous Masters 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.']
PAC4382	The aim of this unit is to further prepare students for practice as pharmacists.	['Describe various extended roles of pharmacists and appreciate the leadership role of the pharmacist', 'Dispense legally and accurately, including being proficient in extemporaneous compounding and pharmaceutical calculations;', 'Develop an appropriate medication management strategy for a range of individual patients with multiple medications', 'Describe fundamental marketing principles applicable to a pharmacy operation and apply basic inventory management tools and analyse financial statements', 'Discuss wound management as a part of pharmacy practice', 'Recognise key requirements for implementation of health promotion strategies and integrate health promotion into patient counselling', 'Discuss uses and untoward effects of vitamins and complementary medicines', 'Describe the role of pharmacist in provision of primary health care for companion and farm animals in selected diseases']
OCC2012	This unit builds on foundation anatomy and physiology units BMA1901 and BMA1902 and aims to provide students with an understanding of functional anatomy and pathophysiology to inform the practice of Occupational Therapy.	['Describe the musculoskeletal anatomy related to movement and apply anatomical principles to determine function and common pathology', 'Explain the functions and structure of the nervous system in relation to cognition, affect, memory formation and motor control.', 'Discuss the pathophysiology and clinical consequences of stroke and traumatic brain, spinal and nerve injury;', 'Evaluate the basic neurochemistry, use and action of different classes of psychoactive drugs and explain the potential issues relating to occupational therapy.', 'Explain the mechanisms and consequences of mental/psychosocial, physical and social capacities of humans across the lifespan.', 'Evaluate body functions, body structures and related clinical conditions and the applications to occupational performance challenges for clients of occupational therapy.']
ATS2871	The current global environmental crisis poses both philosophical and urgent political challenges. This unit examines the implications of environmental concerns for our moral concepts and our current way of life. Should non-human animals have rights? What about species or ecosystems? What is the value of wilderness? How might our values, institutions, and way of life have to change in order for humanity and other species to have a future?	['NA']

ATS1315	The unit investigates a number of contemporary debates about human rights which have implications in domestic and international politics. For instance: do cultural minorities have special claims to group rights? Do human rights violations invalidate government's claim to sovereignty or independence? Can group rights be reconciled with the individualistic bent of human rights theory? Do the expanding rights of children conflict with the rights of parents? The unit also investigates the ethical foundations of human rights. Do human rights represent basic moral obligations? Or are they just a way to promote good consequences? And how do human rights relate to animal rights?	['Mastery of the content of several key controversies surrounding human rights.', '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.']
ASP5021	Students undertake advanced studies in three selected topics in physics and related fields.	['Demonstrate an understanding of advanced theoretical and computational physics, and related disciplines.', 'Demonstrate high-level skills in theoretical/computation physics and/or experimental physics that are essential for advanced contemporary physics.', 'Synthesize and interpret advanced knowledge in theoretical, computational and/or experimental physics.', 'Apply knowledge and critical thinking skills to the solution of complex problems in contemporary physics.']
APG5060	The unit is a practical introduction to the expectations and learning approaches you will encounter in studying at masters level in Arts at Monash. Building on arts masters skills and your previous study experiences, we will develop your research and academic writing skills. As well as developing learning approaches to knowledge and inquiry relevant to your masters coursework degree. Through field trips and intensive class experiences we will also seek to develop productive networks among masters students that will enhance your learning throughout the course.	['read and analyse academic publications;', 'communicate, reflect upon and share understanding of advanced academic skills in written and oral form;', 'research and write extended responses to critical questions at Masters level;', 'understand and develop strategies for preparation and participation in classes, seminars and independent learning activities at a postgraduate level;', 'access academic databases and other resources provided by Monash Library.']
IDE2114	This unit serves as an introduction to the field of consumer product design. Teaching centres on the design of electrical appliances, with emphasis on production issues, value analysis, ergonomics, materials selection, and documentation for manufacture. Consumer appeal and market factors will also be taken into account.	['Design products to a high standard of technical and aesthetic performance;', 'Apply product analysis techniques to existing products and learn to develop them for new products;', 'Locate and apply information on materials and manufacturing processes;', 'Carry out design projects for the consumer product field, which incorporate electromechanical components and devices;', 'Understand and practice the rules of occupational health and safety in force in the industrial design studio.']

ATS3634	<p>The unit introduces students to basic issues connected with indigeneity such as the first peoples concept; historical engagements with colonial or settler populations; the importance of distinctiveness to indigenous identities; and the importance and vulnerability of heritage in indigenous groups.</p>	<p>['explain and illustrate key concepts and debates in studies of global indigeneity;', 'reflect on and analyse preconceived ideas about what indigenous peoples and cultures might be;', 'articulate broad connections between history, cultural identity and expression and access to land, resources and political power;', 'analyse indigenous issues pertinent to specific cultural-geographical environments;', 'express complex and independent analytical and critical thinking, and produce clear, original and coherent accounts of theories, knowledge and logical argument;', 'apply qualitative academic research methods and skills to identify, examine and evaluate data, texts and sources to reveal patterns, themes and meanings.']</p>
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