

Title	Synopsis	Outcomes
MGF3450	Skills in identifying, understanding and managing conflict are essential in a range of business and professional contexts. Participants in this unit will study a variety of theories and processes that will enhance their skills in avoiding and resolving disputes within and between organisations. Participants will learn through engaging in activities related to negotiation, mediation, advocacy, arbitration and other dispute resolution processes.	['identify and analyse the characteristics of conflict in society and in relationships', 'apply ethical communication, counselling, negotiation and mediation techniques to a variety of conflict situations', 'examine the influence and implications of power in understanding and managing conflict', 'evaluate a range of dispute resolution techniques and assess the applicability of these techniques to specific situations', 'assess and develop dispute resolution systems.']
MSC4200	A choice of lecture topics chosen in consultation with the unit coordinator and the student's academic supervisor, from offerings within the Department of Materials Engineering. Up to 12 credit points could be taken from appropriate offerings with the Faculty of Science, depending on the student satisfying the pre-requisites.	['NA']
ATS1422	Students will develop foundational knowledge of policing and crime prevention as forms of social control within this unit. Students will be introduced to different ways of thinking about social control in Australia and internationally. The unit introduces students to policing as a form of social control and students will examine the role of law, civil rights and culture in the context of police operations. Students examine the historical development of police services and their transformation since 9/11 along with emerging challenges associated with policing transnational threats. The focus then shifts to different forms of crime prevention that have gained popularity in recent decades as a means of addressing the shortcomings of criminal justice institutions in reducing the incidence and prevalence of crime. Students learn about different approaches including situational crime prevention and social crime prevention and consider the advantages and limitations of these in practice.	['explain police roles, functions and powers;', 'compare styles of policing and discuss the pressures and demands placed on police;', 'discuss the factors that affect police legitimacy and perceptions of effectiveness;', 'evaluate key developments in situational and social crime prevention;', 'appraise the strengths and limitations of crime prevention approaches in Australia and internationally.']
APG5104	The unit examines management in the public sector in Australia and internationally, and the impact of public sector reform as a global phenomenon. It considers theoretical explanations of reform and implementation in practice. The focus is on identifying and analysing practical issues facing public managers. Lessons are drawn from international practice.	['analyse the theoretical foundations of public sector reforms;', 'evaluate the effectiveness of public sector reforms in practice;', 'determine the knowledge, skills and abilities of contemporary public managers and apply these to practical issues in the field;', 'utilise critical thinking skills and develop evidence-based arguments.']

LAW4159	<p>The national and international laws applicable to international commercial transactions including the movement of goods, capital and services. The sale of goods and services by parties in one nation-state to parties in another (and the financing of such a contract of sale). The transfer of technology both from and to a nation-state through licensing and franchising. The establishment of foreign-owned means of production abroad through direct foreign investment and international joint ventures. Legal regimes and international treaties that regulate and impact upon international business transactions. The resolution of disputes that may occur in such transactions.</p>	<p>['Apply knowledge and understanding of the various views, including economic theories, concerning the rationale for and objectives of international commercial law with creativity and initiative to new situations for further learning;', 'Investigate, analyse and synthesise complex information, problems, concepts and theories in relation to the legal problems that arise from international business transactions;', 'Conduct research in the content of the main issues that should be addressed when negotiating a contract for the international sale of goods and services, the financing of international transactions, and the transport of goods internationally based on knowledge of appropriate research principles and methods;', 'Use cognitive, technical and creative skills to generate and evaluate at an abstract level complex ideas and concepts relevant to the law dealing with international contracts of sale, including the laws dealing with international payment of goods and the law relating to the contracts of carriage and insurance of goods. ']</p>
PSY6261	<p>Students will become familiar with the use of appropriate paediatric neuropsychology assessment tools and will learn the skills required to obtain a comprehensive history from parents, teachers, hospital case notes and other relevant information sources. Assessment and management of the behavioural consequences of neuropsychological deficits will be discussed, together with the provision of parent education and school interventions. The importance of conveying neuropsychological findings and recommendation in a clear and interpretable manner for non-psychology professionals, such as teachers and careers, will also be an area of focus.</p>	<p>['Be familiar with the main stages of central nervous system development, and the impact of these stages on normal cognitive functioning;', 'Be fully aware of the impact that various neurodevelopmental disorders, various neuropsychiatric disorders or several kinds of acquired brain injury might be expected to have on the development of cognitive skills;', 'Be familiar with theories of recovery function during childhood and adolescence, and appropriate rehabilitation and management strategies;', 'Be competent in taking a comprehensive case history, in selecting and administering neuropsychological tests suitable for each developmental period, and interpreting the results of these;', 'Be able to effectively impart their neuropsychological findings and recommendations to non-professionals such as parents and teachers; and', 'Feel confident working with children, parents, teachers and professional childcare workers. ']</p>
BFF5915	<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>

ATS3156	<p>The unit critically examines the recent popularity of Korean popular culture in East Asia and beyond. The focus is on South Korean pop music, gaming culture and TV dramas. However, we will also be considering North and South Korean graphic novels and cinema. The course also situates the recent Hallyu (Korean Wave) phenomenon within the history of cultural flows in East Asia and we examine the processes that have contributed to the increased consumption of Korean cultural product inside and outside the Korean peninsula. One primary focus will be on the analysis of critical approaches to the understanding of North Korean state media and South Korean commercial cultural output. In particular, we analyse how state-centered promotion policies are tied up with notions of cultural nationalism. The aim is to move beyond fandom and to encourage students to situate the production of popular culture within the domestic and regional political, economic, commercial and industrial contexts and to critically analyse popular culture using a variety of methodological approaches. Each week students will be introduced to different methodological frameworks they can utilize to unpack popular culture. In their readings, they will also be exposed to a variety of approaches to the analysis of popular culture case studies.</p>	<p>['identify recent developments in cultural policy and output in North and South Korea and explain the significance of popular cultural flows in East Asia;', 'critically examine the connection between the production, distribution and consumption of popular culture and its evolving historical, political and sociocultural contexts;', 'critically analyse primary works of popular culture (TV dramas, film, pop music videos, graphic novels) from a commercial cultural and a state media context using appropriate theoretical frameworks;', 'engage in informed discussion of the different texts and contexts studied in the unit;', 'use appropriate theoretical and research tools to analyse relevant case studies.']</p>
RAD5506	<p>This unit extends knowledge of the basic physical principles and imaging methods of magnetic resonance imaging (MRI) to include the MRI imaging techniques associated with cardiac and cardiovascular imaging, diffusion, perfusion and susceptibility weighted imaging.</p>	<p>['Explain the principles of cardiac, vascular, perfusion and diffusion imaging in the context of evidence based practice.', 'Assist in the implementation of advanced cardiovascular techniques, protocols and post-processing approaches for clinical and research applications', 'Assess and clearly communicate analyses from cardiovascular, perfusion and diffusion studies', 'Accurately distinguish between cardiac and vascular structures in the modification of standard MR scanning techniques', 'Appraise pathology as demonstrated by diffusion and perfusion MR imaging', 'Identify on-going professional development needs in relation to MRI scanning in the cardiovascular and tissue perfusion setting']</p>
BEX3450	<p>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.</p>	<p>['compare and contrast theory and practice', 'apply theory to practice in a supervised environment', 'evaluate personal learning and personal development in a complex business environment', 'develop insight into how they have managed their role and fitted into the organisation', 'analyse complex business problems', 'prepare and present innovative solutions.']</p>

LAW4122	<p>Topics include: theory of international law; the place of States in international law, including their rights, obligations, status and jurisdiction; the sources of international law and how they are interpreted and applied; the implementation of international law by states, in particular Australia's approach; the nature of international disputes and their resolution; the law related to the use of force by States and self-defence; the role of international institutions; the role of individuals in international law; and specific areas of public international law, including the law of the sea and environmental law.</p>	<p>['Critically examine the fundamental principles of international law; the theoretical framework of international law and its relationship with domestic law; the crucial role of States, international institutions and individuals in the international legal system;', 'Analyse and interpret international law, taking into account the complexities involved in interpreting and applying its sources; and the political context and nature of international law.', 'Compare and contrast some of the different areas of international law; how Australia interprets and applies international law in relation to its own legal framework; the use of force and self-defence in international law; and international dispute resolution;', 'Communicate effectively, appropriately and persuasively on issues pertaining to International Law; and', 'Reflect on and assess their own capabilities and performance, and make use of feedback as appropriate, to support personal and professional development.']</p>
ATS1316	<p>This unit examines European society from the end of Roman empire to the turbulent fourteenth century. It analyses major themes of medieval history, including the place of religion in culture, thought and politics; social hierarchies; political structures and debates; gender; urbanisation; disease; and encounters between Europeans and cultures of the east. The unit also analyses modern uses of 'medieval' imagery, and considers the relationship between medieval stereotypes and understandings of modernity.</p>	<p>['Understanding major themes of medieval European history;', 'Interpreting and discussing critically documents from the medieval period;', 'Evaluating the arguments of historians about medieval society;', "Recognising and discussing critically the stereotypes conjured up by the term 'medieval', and their use in modern debates;", 'Identifying and evaluating resources relevant to a historical question;', 'Constructing clear written arguments;', 'Tailoring information and arguments for a variety of audiences;', 'Working effectively in individual and collaborative situations.']</p>
FIT3077	<p>This unit builds on introductory units to analysis and design. It provides the professional software engineer with advanced knowledge and skills in high-level architectural design, its theoretical foundations, industrial best practice, and relevant application context. In the software life-cycle, software architecture sits between analysis/specification and design/implementation. The field of software architecture has come of age with a thriving research community and numerous high-level models, methods, tools and practices widely used in industry.</p>	<p>['model and design flexible software at the architectural level using various tools and techniques;', 'analyse and design software systems taking into consideration various quality attributes and requirements;', 'take requirements for simple systems and develop software architectures and designs at a high level;', 'use configuration management tools effectively;', 'apply a variety of design patterns, frameworks and architectures in designing software;', 'locate and use off-the-shelf components in the construction of software.']</p>

MPH5249	This unit aims to develop students' competence in the basic research tools used to plan and manage health programs at community, district and national level in low- and middle-income countries. Students will be exposed to needs assessments, planning and evaluation, health information collection, and operational research in a global health context. In addition, the unit is intended to provide students with a deeper appreciation of some of the practical considerations involved in conducting field research in low- and middle-income countries.	['Recognise when and why it is useful to collect and use information for program management.', 'Identify the types of questions that quantitative and qualitative information help to answer, and devise strategies for collecting this information in a low- and middle income country (LMIC) setting.', 'Recognise how results-based planning can inform effective program design, monitoring and evaluation in a LMIC setting.', 'Anticipate common challenges encountered in designing and implementing field research in LMIC settings and devise practical solutions for managing these challenges.', 'Apply concepts from the unit to make choices about program design, monitoring and evaluation.']
IBL2030	Students undertake discipline-related work in a full time, paid industrial placement of minimum 24 weeks. For admission to the cooperative education program, students participate in a selection process and are short-listed based on academic performance, interpersonal and communication skills and employer requirements. Students negotiate and undertake a learning contract with their workplace and academic supervisors, in response to the requirements of their role, focusing on personal and professional development, understanding their environment at the team, organisation and industry level, and development of scientific skills and knowledge.	['Integrate knowledge, skills and understanding gained in the classroom and laboratory settings;', 'Relate scientific knowledge and skills gained in coursework to productive employment experience;', 'Apply their expertise to real-world problems.']
BTB2220	Topics include the Corporations Act scheme; the role and functions of the Australian Securities and Investments Commission; the concept of limited liability; the effect of registration; the corporate constitution; the company's relationship with outsiders; share and loan capital; regulation of public fund raising; duties of directors, officers and promoters; rights of members and minority shareholder protection; forms of corporate insolvency administrations, particularly as they affect creditors, officers and shareholders.	['identify the important elements in the internal and external regulation of companies and how they may be used', 'explain the nature of trusts, the way they operate, and the rights and obligations of people involved in or dealing with trusts', 'analyse hypothetical case studies and formulate a legal argument by the application of statute and case law', 'critically evaluate the effectiveness of aspects of corporate law in the context of the changing needs of the community.']
ATS3726	This unit examines the historical, social, interpersonal and psychological forces which shape how we think and feel about ourselves, our relationships with others, and social life in general. Examples of topics include: philosophy of self in historical context; narrative perspectives on identity, memory and imagination; self and social relationships in digital media; and emotional experience. The unit is relevant to students from the social sciences, media, psychology, social work, education and the helping professions.	['identify and describe key perspectives on the social construction of self, identity and lived experience;', 'apply critiques to assumptions about self, identity, and individual experience which circulate in popular culture;', 'critically reflect on social factors which enable and constrain individual action;', 'evaluate the contribution of theory and research to knowledge on the self and society interface;', 'identify implications for social science inquiry and the professions.']

CIV6888	<p>This unit provides the learner with knowledge and skills in the application of advanced numerical and computational techniques for the solution of complex problems in infrastructure systems. Structural, soil, and rock mechanical behaviours will be examined through use of finite element analysis, emerging meshless methods and constitutive models. Applications to practical problems are a key aspects of the learning covered. Finally, the management, visualization, and analysis of large quantities of data will complete the necessary skillset for the graduate who will manage 21st century infrastructure systems.</p>	<p>['Explain the theoretical basis behind finite element and meshless methods.', 'Select suitable constitutive models for different material types.', 'Apply finite element and meshless methods to practical problems in structural, soil and rock mechanics.', 'Present, explain, and interpret the results of a computational analysis to specialist and non-specialist audiences.', 'Explain the suitable techniques for the management and visualisation of large quantities of data, typical of infrastructure systems.']</p>
BTH3722	<p>BTH3722 focuses on infectious diseases of the organ systems, summarising the aetiology, pathogenesis and laboratory identification of important pathogens. The epidemiology of infectious disease and strategies for disease control are highlighted. The mode of action of antimicrobial drugs, their role in treating infectious disease and the problems of drug resistance are discussed. Techniques for laboratory diagnosis of infectious disease, and safe handling of pathogens, are emphasised.</p>	<p>['Explain how microbes cause disease, with particular emphasis on bacterial and viral pathogenicity;', 'Discuss the epidemiology of infectious disease;', 'Discuss the role of chemotherapy and the importance of drug resistance in the treatment of infectious disease;', 'Describe the role of microorganisms in selected infectious diseases associated with the different organ systems;', 'Discuss relevant diagnostic techniques used in clinical microbiology laboratories;', 'Describe and perform techniques used in diagnostic serology;', 'Demonstrate competence in laboratory procedures for handling and processing microbiological specimens.']</p>
ATS3020	<p>The unit will examine the lives of indigenous people in the Pacific region and their experiences of colonisation. Students will gain an appreciation of the diversity of indigenous cultures in the Pacific region and the different forms of colonisation that were pursued in a various Pacific places, and by different types of imperial or colonial agents. It will examine the different responses of indigenous peoples to imperial and colonial encounters, and strategies of engagement and resistance pursued by indigenous populations in light of their own cultural, social and political structures. In addition, students will consider the role of the Pacific in the construction of academic knowledge in variety of disciplines, including history, anthropology, and racial thought.</p>	<p>['understand the diversity of Pacific peoples' lives;', 'acknowledge and critically examine the different forms of imperial and colonial intervention in the Pacific region;', 'describe and critically compare the nature of engagement and resistance as pursued by different indigenous peoples in the Pacific region;', 'critically examine the representation of Pacific encounters in the development of academic knowledge regarding human difference;', 'demonstrate the various study skills and techniques necessary to successfully complete this unit and other Indigenous Studies units.']</p>
APG5052	<p>In the unit, students will engage in a specialised course of study examining a cutting-edge development in communication and media. In each year of offering, the unit will address a different question or topic within the general field of digital media, developing specialist insight, as appropriate to the expertise of the media researcher or industry practitioner engaged to teach it. The unit will have a strong research focus, which may include experimental development of an professional or industry practice. Students will be expected to bring their work to a point of intersection with the most recent work addressing problems emerging in media studies scholarship or practices in media and communication industries.</p>	<p>['critically analyse the most recent developments in Communications and Media, through engaging with an emerging problem or question in the field;', 'contribute original thinking to produce innovative solutions to contemporary problems in communication and media;', 'articulate the ethical values relevant in the rapid development of communication and media with particular attention to the impact of digital technologies;', 'utilise research skills to evaluate issues in the field and communicate findings in a professional context.']</p>

CHM1752	In this unit students will explore aspects of organic, inorganic and physical chemistry. The structures, properties and common reactions of classes of organic compounds will be investigated along with the structures and reactivities of coordination complexes. Aspects of physical chemistry including thermodynamics, kinetics and solution equilibria and electrochemistry will be studied in some detail. The interrelationship of these topics will be explored ultimately leading to the ability to predict reaction directionality in different reactions.	['NA']
MEC4425	Introducing micro and nano-technology in the design of next-generation microelectromechanical systems, microfluidic devices and biomedical applications. Basic concepts and physics of small-scale systems are covered. Topics include: scaling effects, nanofabrication techniques, continuum mechanical theories, low Reynolds number flows, capillary effects and interfacial flows, flows in channels of arbitrary dimensions, convective-diffusive mass transport, electro hydrodynamics including classical double layer theory, electrophoresis, electro-osmosis, dielectric polarisation and dielectrophoresis. The course also focuses on device applications, specifically MEMS sensors and actuators and lab-on-chip devices, through hands-on laboratory sessions (held at Melbourne Centre for Nanofabrication).	['Exposure to the emerging fields of micro and nano technology, particularly for biomedical engineering', 'Thorough understanding of the physical behaviour of solids and fluids at the micron and nanometer length scales through continuum and molecular theories', 'An understanding of the difficulties in fabrication, manipulation, and imaging of components at the micro scale and beyond', 'An appreciation of the various fluid transport mechanisms in micro/nano channels or devices and physical interaction mechanisms in solids at the micro/nano scale', 'Knowledge in the design of micro/nano-electro-mechanical-systems and micro/nano-fluidic devices for various bio-applications'\n\nTo develop the ability to:', 'Construct models of micro/nano components and systems', 'Solve the fundamental equations of motion governing the dynamics of such systems analytically, semi-analytically or using numerical techniques to understand their behaviour for prediction and design', 'Apply the knowledge provided in the course for the design of practical micro/nano devices', 'Know where and how to continue learning on advanced and/or new topics in micro/nano solid and fluid mechanics.']
FIT2108	This undergraduate seminar unit is compulsory for undergraduate students who have been selected for the Industry Based Learning Program in the Faculty of Information Technology. It is a non-weighted unit and is taken in addition to any prescribed coursework.	['critique current knowledge of the breadth of IT;', 'assess current industry requirements in terms of skills and knowledge.']
JWL1311	This Fine Art unit introduces students to the practice and research of contemporary jewellery and object making. The emphasis in this unit is on engaging in processes that combine making with critical thinking to explore a range of innovative approaches to jewellery as a contemporary art practice.	['Have a basic understanding of contemporary art jewellery practice as a discipline within Art, Design & Architecture;', 'Be able to develop ideas and apply basic skills to realise jewellery-based and body related objects through an open process of inquiry and experimentation;', 'Be able to research a contemporary art context for jewellery and its relationship to other relevant art, design and architecture practices;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline.']

ACC3200	This unit focuses on the provision and use of management accounting information for management planning and control in organisations. Technical and behavioural issues related to budgeting, variance analysis, performance measurement, and value chain management are considered.	['apply management accounting techniques to enable managers to measure and enhance organisational performance', 'analyse and make recommendations regarding the design of management accounting systems', 'critically evaluate management accounting systems in terms of their behavioural implications', 'apply critical thinking, problem solving and communication skills to individual and/or group activities to demonstrate a comprehensive understanding of the topics covered in the unit.', 'enhance your ability to work effectively in a group.']
ATS3290	The ICUR LARP (Leadership and Advanced Research Program) is a prestigious, externally-funded, invitation-only program aimed at high-achieving students interested in considering a career in research in both industry and academia. It is designed to provide an opportunity for talented undergraduates from all disciplines and areas across Monash University to work together in multidisciplinary research teams, encompassing not just their peers at Monash but also fellow undergraduates at other world class universities in Singapore, Japan, the United Kingdom, and the United States.	['develop a high level of cross-cultural literacy in leading and managing a multidisciplinary research team that spans the globe;', 'develop the ability to initiate and lead multidisciplinary approaches to solving problems;', 'understand the commonalities and specificities of research imperatives at local, regional, and global levels;', 'develop the ability to communicate sophisticated ideas in a perceptive and effective manner across cultures;', 'understand the process involved in the design, development, and implementation of a research project as a leader of a team.']
ATS2861	Are there successful arguments for or against the existence of God? We start by examining what it takes for an argument to be successful. We then examine some of the best known arguments for the existence of God--Anselm's ontological argument, Aquinas' second way, Paley's argument for design, Pascal's wager--and some of the best known arguments against the existence of God--Mackie's and Rowe's arguments from evil--and try to determine whether or not they succeed.	['been introduced to an analytic philosophical approach to philosophy of religion;', 'become familiar with key arguments for and against existence of God;', 'thought about how to assess arguments in a context in which there are competing theistic and naturalistic worldviews.\n\nStudents will also have been exposed to some central philosophical texts, and to arguments that have been influential for many hundreds of years.']
EAE2532	The goal of this unit is to provide students with they key skills required to collect and analyse structural, lithological and stratigraphic data in the field, including how to construct and analyse geological maps. Relevant theoretical and practical background will be covered in blended learning workshops on-campus prior to leaving for the field. A seven-day intensive mapping camp in the Buchan area of eastern Victoria is a major component of the course.	['Apply the basic principles of geological mapping in a variety of settings;', 'Measurement and document structural, lithological and stratigraphic data in the field and use this data to analyse the geological evolution of a region;', 'Construct accurate geological maps and cross-sections based on acquired field data;', 'Analyse and interpret geological maps;', 'Demonstrate their comprehension of the origin of field-based geological information presented in the literature;', 'Synthesize large amounts of geological data and express the findings both orally and as a written scientific report;', 'Practice safe behaviour in the field.']

SWM5160	<p>This unit explores a number of issues related to social work practice that involves children; particularly children whose well-being may be at risk or who have suffered child abuse or neglect. Attention will be drawn to the relationship between the child, the family, the community and the state, with a particular focus on children's perspectives, children's status, and children's rights.</p>	<p>['Describe complex relationships between the child, the family, the community and the state.', 'Reflect upon and evaluate/critique complex relationships between the child, the family, the community and the state.', 'Describe, reflect upon and document considered responses to, historical and current perceptions of children, the family, and child well-being.', 'Describe, reflect upon and document, considered responses to historical and current perceptions of child protection concerns.', 'Identify legislation in relation to specific fields of child welfare, child protection, child abuse and/or child neglect.', 'Identify and document links and discrepancies between policy and practice in relation to specific fields of child welfare, child protection, child abuse and/or child neglect.', 'Propose well-informed written suggestions for desirable law reform, and/or changes to current policies.', 'Propose well-informed, written suggestions for improvements in current attitudes towards children and responses to families.']</p>
FIT1013	<p>Introduction to business application tools and introduction to basic computing concepts. Principles of spreadsheets and relational databases, covering their use for the generation of business plans, reports, financial statements, etc. Both the spreadsheet and database components incorporate an introduction to programming with visual basic for applications (VBA). The database component covers principles of database design. The business application software packages used in the unit are Microsoft Excel and Microsoft Access.</p>	<p>['use spreadsheets to report, analyse and model organisational data;', 'use relational databases to report and analyse organisational information;', 'construct applications using VBA as the language for enhancing the appearance and usability of spreadsheet and database systems.']</p>
ASP4021	<p>Students undertake studies in three selected topics in Astrophysics and related fields, which provide fundamental instruction in key aspects of modern astrophysics.</p>	<p>['Demonstrate an understanding of fundamental aspects of computational modelling in astrophysics and related disciplines.', 'Develop skills in computational modelling that are fundamental to the study of astrophysics.', 'Synthesise and interpret astrophysical knowledge.', 'Make effective use of information and communication technology for the collection and analysis of data, the solution to problems in astrophysics and the written/oral presentation of work relevant to the area of study.']</p>
IAR4406	<p>A period of approved industrial placement (normally six weeks) in an interior architecture or design practice normally taken no earlier than the end of the third year and preferably before the commencement of the fourth year. In many instances students will use the contacts they develop in this unit to help identify an honours project topic.</p>	<p>['Be able to perform a variety of tasks to an adequate professional standard within an architectural/interior architectural working environment;', 'Be able to operate effectively and constructively as a team-member within an architectural/interior architectural project team;', 'Be able to reflect critically upon the operational strengths and weaknesses of project and office management procedures employed within an architectural/interior architectural professional context;', 'Understand from first hand experience a variety of the tasks and problems that constitute interior architecture practice, and be able to describe approaches to them.']</p>

APG5092	<p>The global human rights regime, the principles, norms, and rules designed to protect all individuals regardless of their place and position, is a contemporary creation. The unit will investigate the philosophical origins of both the concept of universal human rights as well as the efforts to enshrine and protect these rights through the 20th and 21st centuries. Focus will be on exploring the tension between this universalist principle and the role of states as both protectors and violators of human rights, the role of international organisations as well as legal mechanisms championing human rights, as well as critical voices who question the utility and purpose of the global human rights regime.</p>	<p>['critically engage in key debates framing global politics and international relations;', 'work in and adapt to a variety of different cultural and professional environments;', 'display intricate knowledge of a variety of value and ethical systems, and conduct themselves professionally in all working environments;', 'be innovators in their chosen field;', 'apply the highest standard of analytical and critical skills;', 'design and manage large and focussed research projects;', 'communicate succinctly, directly, and highly effectively.']</p>
OCC3072	<p>The Bachelor of Occupational Therapy (Honours) research project program has been designed to enable students to effectively integrate research knowledge and skill with occupational therapy practice knowledge and skill. The program incorporates advanced education in qualitative and quantitative research methodologies through the development and completion of a research project. The research project undertaken will require students to formulate a research aim and/or question/s, complete a literature review, design an appropriate methodology to answer the research question/s, complete an ethics application, and gather and analyse the required data, discuss the results in relation to pertinent literature and professional practice, and develop conclusions and recommendations. The Honours program has been structured to enable students to understand research in the context of the issues of interest of concern in a specific organisation or service area. They will also develop an understanding of how the research project applies to the wider community. Hence each occupational therapy Honours project has a 'host' organisation which has a fieldwork responsibility. The student works in collaboration with the host organisation, the Monash university academic supervisor/s and other stakeholders.</p>	<p>['Synthesise and critically appraise a view of the nature and meaning of occupation, the occupational nature of human beings and the theories and basic principles related to enabling occupation and occupational performance.', 'Describe different research methodological approaches used in health sciences and occupational therapy research and be skilled at accessing, critically appraising and applying the best available evidence to their everyday practice.', 'Demonstrate the ability to be reflective, think critically, learn independently and be innovative in their approach to the research project.', 'Possess appropriate oral, written and information technology skills, including the ability to present a coherent argument, negotiate effectively and manage conflict.', 'Describe and demonstrate knowledge and understand functioning of qualitative and quantitative research designs and methods relevant to occupational therapy practice and community development.', 'Demonstrate an understanding of basic statistics and measurement concepts: levels of measurement, reliability, validity, normative data; as well as basic qualitative concepts of rigor, trustworthiness, authenticity and transferability.', 'Demonstrate ability to critique and integrate relevant research literature and theoretical material related to the research topic.', 'Demonstrate ability to design a research project suitable for honours level and to write a research project proposal which includes a literature review, research aim and/or question/s and appropriate qualitative and/or quantitative methodology.', 'Demonstrate ability to complete an ethics proposal suitable for submission to an ethics committee.', 'Demonstrate ability to present, critique, evaluate and discuss critique research issues in a public forum.', 'Demonstrate the ability to complete a written dissertation of 10-12,000 words for quantitative studies and up to 15,000 words for qualitative, including literature review and background information, methodology, results/findings, discussion, evaluation, recommendations and conclusions (OCC4091).']</p>

ATS1044	<p>This unit develops fundamental music technical skills by studying technically-focused repertoire drawn from the literature of the student's principal instrument or voice. The choice of repertoire presented should prepare students to present music performance repertoire in ATS1045 Performance 2.</p>	<p>['identify fundamental conventions of instrumental/vocal technique;', 'perform technical work, demonstrating control of rhythm, articulation, timbre and intonation (if applicable);', 'prepare technical work, etudes and instrumental/vocal literature;', 'demonstrate musicianship through the phrasing, dynamic control and general expression in the relevant repertoire;', 'perform competently in a chosen/approved music ensemble;', 'demonstrate music listening skills through verbal critiques.']</p>
ATS3014	<p>The unit provides students with further Chinese language training in a business and commerce context. Having been exposed to texts in a specialised business style, students will further improve their Chinese language proficiency, and will be introduced to an increased range of language features common to Chinese business texts. Students will continue to practise writing and translating related texts and will be required to display a greater level of sophistication and understanding in both their translation and original writing than in Chinese for Business Translation part 1. This will further promote students' bilingual language proficiency and broaden their career opportunities.</p>	<p>['to familiarise with an expanded range of features of business text through discourse analysis', 'to extend basic Chinese business writing skills acquired in Chinese for Business Communication Part 1', 'to extend translation skills in translating business text', 'to further improve their knowledge of the Chinese language in the specific business context.']</p>
ATS2875	<p>This unit investigates the nature of evil, in light of psychological and other factors that enable people to commit acts of great evil. Questions discussed include: If an evildoer suffered serious childhood abuse, should this influence our moral judgements of them? Does the role that situational factors often seem to play in explaining evil-doing undermine the plausibility of character-based accounts of evil-doing? Are we all capable of evil-doing, if placed in certain circumstances? Can moral judgements be justifiably made of those with evil thoughts and desires that they never act on? How should we determine the appropriateness of medical treatment of evildoers? How do different accounts of evil bear on contemporary ethical theories? Current empirical research will also be used in addressing these questions.</p>	<p>['an understanding of leading contemporary philosophical theories of evil;', 'familiarity with key psychological explanations of evil-doing;', 'skills enabling them to critically analyse these theories and explanations', 'the ability to make informed judgements about what sorts of responses to evil-doing are morally appropriate.']</p>

MKX5931	<p>The aim of this unit is to provide international business students with basic knowledge and understanding of electronic business. This includes mechanism, infrastructure and tools of electronic business, retailing in electronic business, electronic learning, collaborative commerce, business to business electronic procurement, mobile electronic business, social commerce, marketing and advertising in electronic business, electronic business security and fraud protection, electronic business payment systems, electronic business strategies and globalization, and electronic business regulatory, ethical and social environments. Students are to analyse electronic business needs of consumers and businesses across the globe, and use the knowledge acquired in this unit to develop innovative e-business models to improve international business effectiveness and/or increase efficiency. In particular, emphasis will be placed on critical analysis and insights gained from electronic business literature, case studies, project works to solve the strategic problems of leveraging electronic business in international environment.</p>	<p>['identify and describe the relevant electronic business technologies for international business including electronic business mechanisms, infrastructure, tools, payment systems and security and fraud protection systems', 'identify, analyse and critically assess the suitability of various e-business models for international business including e-retailing, e-banking, e-marketing and advertisements, e-procurement, e-learning, collaborative commerce, mobile commerce, social commerce, etc', 'describe and apply electronic business strategy development process and identify the strategic and developmental issues in international business environment', 'formulate an electronic business strategy for an international business to improve effectiveness and increase efficiency', 'identify and describe the relevant electronic business regulatory, ethical and social environments in international business.']</p>
BTH4280	<p>This unit provides advanced instruction in quantitative methods, thesis writing and current topics to students enrolled in the honours program in biotechnology. Students will gain an understanding of advanced experimental design, data analysis and scientific writing that will assist them in completing their honours thesis. Further classes and coursework relating to current topics in biotechnology will assist students in critical analysis of journal articles, providing further support for their academic development in research science.</p>	<p>['Demonstrate an understanding of experimental design and sampling methods that are relevant to their research project;', 'Demonstrate an understanding of the impacts of resource limitation on experimental design and implementation;', 'Critically analyse articles from the scientific literature and use this ability to enhance the quality of their own written work;', 'Express themselves clearly and effectively to a scientific audience;', 'Write and manage assessment tasks expeditiously and competently.']</p>
ATS4869	<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>
IDE2810	<p>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.</p>	<p>['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.']</p>

MDC5220	<p>This unit advances the student's knowledge gained in Multimedia Design Studio 1 (MMD4001Not offered in 2019) and places a strong emphasis on digital experience design. Particular importance is placed on the role of interface design, interactivity, virtual space and storytelling in multimedia design, including the skills and techniques to use these elements across a range of media platforms. Students undertake project work that explores a wide range of design processes, technical skills and conceptual models involved with the production of interactive media. Individual's specialist skills and folio preparation will also be covered.</p>	<p>['Critically approach problem-solving, embracing current technological and philosophical developments in multimedia design;', 'Analyse digital media design, and identify the various multimedia elements and authoring techniques used;', 'Understand and have the ability to analyse the benefits and constraints of different media delivery platforms for multimedia design, including digital video, the internet, site-specific installation and other technologies;', 'Further develop creative and specialist studio skills specific to multimedia design;', 'Produce multimedia design prototypes by applying a range of design problem-solving methodologies, multimedia design and technical skills to respond to challenges;', 'Develop a self directed approach to the development of multimedia design works, utilising independent research and evaluation methods;', 'Understand the specialised roles identified in the multimedia design industry, and identify which role best matches their set of skills, and;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']</p>
ATS2160	<p>The unit critically examines language, culture and society on the Korean Peninsula. The first half of the unit adopts a socio-historical perspective to look at the emergence of linguistic and cultural practices in Korea against the backdrop of over 2,000 years of history, starting with the Three Kingdoms period (57BC-666AD) and culminating with the annexation of Korea by Japan (1910-1945). The second half of the unit focuses on language and culture in the post-war societies of North and South Korea. The unit introduces major developments in the formation, distribution and projection of languages on the Korean peninsula, as well as accompanying cultural and historical changes in historical and contemporary Korea. Through specially prepared online materials, students will also learn basic facts about Korean history. The unit will provide students with the tools to look objectively at how language reflects the society we live in, and how language itself becomes an important marker of cultural identity. An important goal in the unit will be to get away from a monolithic view of Korean language and culture and encourage students to engage in critical analysis of the inevitable variation and change that characterizes linguistic and cultural practices. Through a variety of reading materials, students will be exposed to different approaches for analyzing language, culture and society. The unit will be conducted in English and will be open to students without any specific competence in Korean.</p>	<p>['identify important linguistic, cultural, societal and historical facts about the Korean peninsula;', 'critically examine the ways that linguistic practices on the Korean peninsula are connected to and indeed reflect society and culture;', 'critically read a variety of different texts on Korean language, culture and society;', 'engage in informed discussion of the different texts and contexts studied in the unit;', 'use appropriate theoretical and research tools.']</p>

ATS2682	The unit explores social factors in second language acquisition, the nature of first, second and bilingual acquisition, early and late language learning, the nature of interlanguage, cognitive, interactionist and sociocultural models of language and general learning, language attrition, individual differences in language learning, and the role of formal instruction in the language classroom.	['Demonstrate an understanding of the major applied linguistic theories that have influenced the field of second language acquisition.', 'Understand the role of the individual learner differences in second language learning.', 'Evaluate the role of internal and external factors in language learning.', 'Analyse a learner's language.', 'Apply all these understandings to the practice of enabling learners to learn and acquire a second language in both formal and informal contexts.', 'Relate the research literature to their own and others' second language acquisition experience.']
SWK4032	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.	['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.']
TRM6002	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.	['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']

CIV2206	<p>This unit involves the study of various loadings (axial force, moment, shear force, torque) as well as the resulting stresses and strains that occur in engineering structures. It builds on aspects taught in the level 1 unit, ENG1001. Topics covered include: bending moment diagrams of determinate and indeterminate beam and frame systems, the combination of bi-axial bending and axial stresses (including those resulting from thermal loading); partial and fully plastic section moment capacities; torsion, shear stress and shear flow in beams; and the calculation of reactions and deflections in both determinate and indeterminate systems using both compatibility and the energy method. The theory of elasticity is introduced, covering: the transformation of stress and strain and the calculation of principal and maximum shear stresses and strains; the constitutive relationship between elastic stress-strain behaviour; Mohr's circle; and failure criterion with specific reference to pressure vessels.</p>	<p>['Analyse structural behaviour (calculating reactions and bending moment diagrams and deflected shapes) of simple determinate and indeterminate beam and frame systems using qualitative and quantitative methods.', 'Identify and determine elastic normal stresses, shearing stresses and shear flow in simple structures as a result of external (including thermal) loading producing internal actions of axial force, bending, torsion and shear.', 'Determine the partial plastic and fully plastic section moment capacities of both symmetrical and asymmetrical steel sections.', 'Determine deflections in linearly elastic determinate systems.', 'Determine stresses and strains (and their relationship) in two dimensions utilising the concepts of principal stress and Mohr's circle, and select and use appropriate failure theories for engineering materials.', 'Formulate technical reports and communicate effectively in team assignments, interpreting and analysing experimental data, utilising basic analysis software packages and relating results to the theory taught.']</p>
MKW3444	<p>The unit covers environmental factors affecting international marketing, the field of international business, international marketing research and marketing decisions, entry strategies, marketing planning, controlling and strategy for international business.</p>	<p>['analyse and evaluate how a range of international marketing environmental factors impact on selection of a foreign market', 'develop, analyse, justify and evaluate market entry and longer term foreign marketing operation plans for a chosen market', 'understand how current issues, trends and contingencies in global environment impact on marketing programs', 'identify and evaluate how a range of specialised, localised and specific issues might impact upon business activity in a foreign market segment', 'utilise critical thinking and applied learning skills to develop an international marketing orientation in a chosen market context.']</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>

ATS3309	<p>This intensive study program enables students to recognise and assess the nature of consumption in Japan. Japan is famous internationally for its production of consumer goods. This unit addresses more specifically the diversity of scales of production, and examines the cultural discourses accompany and frame the marketing and consumption of consumer goods - both tangible as material objects and intangible as experiences, spaces or feelings. Students are encouraged to recognise and critically assess such discourses, and to use them to reflect on the diverse and multifaceted nature of contemporary Japanese society. With a starting point in Kyushu, the students spend a week with Kyushu University students developing individual research projects and taking level-appropriate language training. From there, groups travel via Hiroshima and small seaside communities to Osaka and Kyoto, experiencing these places as collections of contrasting neighbourhood and villages each with their own cultures of production and consumption. Students come out of their experience equipped with a more sophisticated understanding of Japanese society and culture, and the nature of production and consumption in a post-industrial, increasingly globalised world.</p>	<p>['discuss cultures of consumption in Japan;', 'critically examine the discursive frameworks around consumption;', 'relate such discourses 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.']</p>
AZA1326	<p>This unit presents an introduction to globalisation and its economic, cultural, and political implications. It includes an examination of the effects of globalisation on states, societies and the environment, from an African perspective.</p>	<p>['Recognise the major debates surrounding globalisation and its likely development;', 'Understand the potential impacts of globalisation on Africa;', 'Demonstrate sound oral and written communication skills;', 'Understand and develop critical thinking and analytical skills.']</p>
CHM1052	<p>CHM1052 has been designed for students who have demonstrated a strong aptitude for chemistry during secondary studies, eg. a VCE Chemistry Study Score ≥ 37. In this unit, students will exploit their understanding of general and physical chemistry discussed in CHM1051 to explore the behaviour of chemicals in a number of interesting case studies incorporating a range of significant biological and synthetic molecules such as carbohydrates, proteins and polymers and pharmaceutically important drugs. Along the way, students will discuss the formation of inorganic coordination compounds and investigate their role in colour and magnetism, and metals in biological systems. The concepts developed within the lectures are complemented through an extended laboratory program where students will have the opportunity to develop analytical techniques and design their own experiments to solve a range of chemical problems.</p>	<p>['Demonstrate a basic understanding of chemical nomenclature;', 'Describe the classification, bonding, structure, properties and reactions of a wide range of organic compounds according to the functional groups they contain;', 'Describe the nature of biological and synthetic macromolecules such as proteins, carbohydrates and polymers;', 'Discuss the properties of transition elements;', 'Describe a wide range of coordination compounds and their structures, reactions and applications in both synthetic materials and biological systems;', 'Foster the acquisition of practical skills by exploiting an inquiry-based approach to the chemistry laboratory experience;', 'Formulate hypotheses and design chemical experiments to synthesise and collect unique data using a range of sophisticated apparatus and technologies;', 'Apply recognised methods for interpreting chemical data;', 'Communicate chemistry, and discuss the social and environmental responsibility of chemists in the global community.']</p>

ATS3089	<p>This unit examines social institutions as sites for the exercise of power among individuals, organisations and states in Asia. Institutions such as education, law, family, mass media, religion and business are examined from a variety of disciplinary perspectives, using contemporary case studies drawn from across the Asian region. The unit explores how policy, discourse and practice surrounding social institutions shape and are shaped by individual action, and how the study of social institutions can enrich understanding of the cultures.</p>	<p>[Identify the key contemporary social institutions in a variety of local, national and transnational contexts in Asia;',' Demonstrate a critical understanding of the key changes in social organisation and lifestyles in Asia today, and the regional and global dimensions of these changes;',' Apply a range of disciplinary approaches to analyse major contemporary issues in Asian societies;',' Employ appropriate strategies for communicating the findings of analysis to a range of audiences and stakeholders;',' Reflect on the relevance of Asian experiences of social change to other national and individual circumstances;',' Understand how cultural context affects the dynamics of individual and group empowerment in Asian societies, and communicate that understanding to others;',' Read critically and engage with existing research, with the potential to facilitate life-long learning;',' Demonstrate independent research skills including enquiry techniques, critical thinking, and advanced skills of oral and written communication.']</p>
MKX4050	<p>Theory in marketing covers three broad levels; consumer, firm, and society. It also incorporates a number of different schools of thought developed over various eras. This unit is designed to give you an integrative introduction to marketing theory that spans these levels of analysis and streams of thought. The unit will also provide an introduction to the tools of constructing theory, and equip students with theory-building skills to conduct scholarly research that will legitimately advance the boundaries of marketing knowledge.</p>	<p>['acquire basic historical understanding of the development of marketing theory', 'understand the major streams of thought in marketing and appreciate the differences in philosophy and method between these perspectives', 'be able to begin developing research ideas that make a theoretical contribution to existing literature', 'apply critical thinking in marketing theory to interpret and integrate disparate findings into a broader theoretical framework', 'apply marketing theory developments to practical marketing problems (most readily through the Honours thesis but more broadly if necessary).']</p>
EAE3121	<p>Physical meteorology examines the major physical forces that affect the behaviour of the atmosphere, specifically radiative transfer and precipitation. The radiative transfer section focuses on the scattering, absorption and emission of radiant energy within the atmosphere and how this knowledge is exploited by remote satellite and ground-based instrumentation. The cloud microphysics section focuses on the development of precipitation, as well as the interaction between clouds and aerosols.</p>	<p>['Describe the physical theory of precipitation and radiation in the atmosphere and apply these principles to weather radar and satellite imagery using mathematical models;',' Demonstrate skills in using mathematical techniques to understand the physics of the atmosphere;',' Demonstrate high-level knowledge of the important techniques and terminology in physical meteorology;',' Demonstrate competence in information technology, data handling, and laboratory skills;',' Analyse and solve problems in physical meteorology;',' Explain physical meteorology concepts, processes and results to diverse audiences.']</p>
BTW1042	<p>This unit introduces the student to the salient features of the Malaysian legal system, the various dispute resolution techniques and examines the main areas of law that regulate the business environment in Malaysia. The focus of learning is on the law of contract, the law of misrepresentation, agency law, partnership law and aspects of company law. Comparative aspects of Australian laws will be highlighted where relevant.</p>	<p>['deliberate the salient features of the Malaysian legal system, with a focus on its law making institutions, the interpretation of statutes and the various dispute resolution techniques', 'examine and apply the principles of contract law, misrepresentation and agency law to hypothetical legal problems', 'examine the legal differences between partnerships and corporations', 'conduct basic legal research using primary and secondary sources', 'deliberate Common Law comparative aspects of the above topics.']</p>

MCE5112	This unit will introduce students to an assisted reproduction technology (ART) education laboratory.	['Demonstrate proficiency in basic embryology laboratory skills', 'Demonstrate proficiency in basic andrology laboratory skills', 'Apply skills in following standard operating procedures (SOPs) and written laboratory instructions', 'Apply OHSE skills and knowledge to ensure safe work practices in the laboratory', 'Use laboratory equipment and consumables (including culture media) appropriately to optimise embryo development', 'Identify embryo developmental milestones and the concept of 'on time' embryo development', 'Propose solutions when laboratory troubleshooting is initiated', 'Create laboratory reports that demonstrate effective scientific communication skills', 'Demonstrate appropriate laboratory behaviour regarding teamwork and laboratory etiquette.']
EAE4001	Students will do a research project in weather, climate or ocean science. The main relevant areas of research are aerosols (including cloud seeding), boundary layers, climate change, clouds, convection, ENSO, general circulation, synoptic-dynamical meteorology, mesoscale meteorology, numerical modeling, tropical meteorology, and bushfires and fire weather. A full list of projects will be made available to students before enrolling in the MSC program. The research project may be theoretical, computational or observation-based. Each student will work under the supervision of at least one of the academic members of staff. The project will involve a literature review, original research, a written thesis and an oral report on the work. In most cases, the project will continue into the second year of the MSc.	['Understand, synthesise and summarise the existing literature.', 'Identify gaps in our knowledge in their chosen area of research.', 'Advance our knowledge in the chosen area through original research.', 'Present their findings in a written thesis and oral presentation.']

SCI2010	<p>Science and technology are the basis of modern life yet most people do not understand how discoveries are made or commercialised. In SCI2010 you will examine the core elements of modern science by looking back at the people, cultures, events and discoveries that allowed science to emerge and contributed to the establishment of key concepts such as empiricism, scepticism and rationalism. This unit will equip you with skills to assess the validity of scientific information, to distinguish between real science, bad science and pseudoscience. The value of science in solving real world issues, and improving the human condition are discussed using current examples. Students will benefit from critical evaluation of a wide variety of literature, ranging from peer-reviewed scientific publications to web sites promulgating pseudoscientific remedies. These skills will help your analysis and communication of science and other disciplines. You will complete assignments that will help improve your written and verbal communication to a range of audiences including politicians, managers, the general public and your fellow educated specialists. You will uncover and strengthen your own personal and professional ethical standpoint on current issues such as vaccines, the funding of research by multi-national corporations and plagiarism. Together the topics covered in SCI2010 give you a solid foundation on which to forge a professional career whether it is directly related to science or not.</p>	<p>['Outline the origins of science and the way in which science progresses.', 'Acquire, critically analyse and communicate complex scientific ideas and information.', 'Discuss the purposes of, and methods behind, effective science communication and identify how approaches can be adapted for different audiences.', 'Outline the ways in which science is regulated and assess their effectiveness in promoting ethical professional practice.', 'Identify different destinations for science graduates and list transferable and technical skills that will help them gain employment.']</p>
MKC2500	<p>This unit introduces sample survey methods, statistical techniques for the analysis of survey data and also introduces qualitative research techniques. It provides students with the knowledge and skills required to understand the role research methods play in problem identification, decision making, strategy development, marketing planning and the evaluation of marketing performance.</p>	<p>['describe the steps in planning and implementing marketing research projects', 'demonstrate the skills and competencies required to conduct both qualitative and quantitative marketing research', 'demonstrate the skills required to analyse and interpret sample data', 'understand the role and importance of marketing research within organisations', 'communicate the results of marketing research projects.']</p>

MAE2405	<p>The course provides an introduction to aircraft performance with the aim of enabling students to predict answers to questions such as: how high, how fast or how slowly can an aircraft fly, how quickly can it climb or turn in a circle, how much runway does it require to take off and land, and how much fuel does it need to travel a given distance.</p>	<p>['Calculate air properties at different altitudes according to the standard atmosphere model', 'Appreciate the application of concepts of conservation of mass, momentum and energy in fluid mechanics', 'Describe the central mechanisms of aircraft lift and drag production and using them to estimate boundary layer drag and lift-induced drag forces on aircraft', 'Distinguish why different powerplant classes are appropriate to different flight speed regimes, and how fuel use is characterised and to calculate aircraft range and endurance in powered and unpowered flight', 'For steady level flight be able to calculate how aircraft drag and drag power vary with flight speed and altitude, and able to calculate aircraft maximum and minimum speeds', 'Calculate speed and angle of climb in steady climbing flight', 'Calculate bank angle, turn speed and radius in steady horizontal turning flight at a given load factor', 'Calculate runway lengths required for takeoff and landing', 'Discuss the concepts of aircraft static longitudinal stability and neutral point', 'Explain the mechanisms of lift production in supersonic flight and how that differs from subsonic flight', 'Explain the reasoning underlying the introduction of wing sweep']</p>
ATS2044	<p>The unit is an extension of Chinese Translation for Professional Purposes 1. Through a number of text-analysis focused projects, this unit will further introduce students to conceptual and practical issues in Chinese translation. It will help students to identify different types of source texts, to build up their skills in text analysis and to choose correct strategies when translating different texts for professional purposes. Through project-based exercises, this unit will provide an opportunity for students to improve their analytical skills and understanding of all factors that affect the translation of source texts into target language. The integration of classroom teaching and translation projects encourages students to apply the theories and skills they have learnt in class to translation practice.</p>	<p>['Weekly lecture/seminar on prescribed texts will further provide concepts of issues in translation studies in general and text analysis in particular. The unit will further introduce principles of text analysis and theories relating to the translation of source texts into target language. Students will further develop their understanding of theories relating to the classification and identification of source texts and translation strategies;', 'By applying basic concepts relating to text analysis and translation strategy to weekly project-based translation practice and class discussion, students will further improve their ability to determine correct translation strategies specific for professional purposes;', 'Three supervised translation projects and one examination in a time controlled situation will be conducted during the semesters in order to test the progress of students.']</p>

MTH1020	Properties of real and complex numbers; algebraic functions and common transcendental functions; modelling change using elementary functions; limits and continuity; rate of change, derivatives, local and global extrema; sums and integrals, anti-derivatives, calculus applications: optimisation, area and volume, introduction to differential equations; Vectors in two- and three- dimensional space.	['Demonstrate basic knowledge of complex numbers, including algebraic manipulations and their various representations;', 'Demonstrate basic knowledge of vectors in two and three-dimensional space, their properties, and geometric applications;', 'Calculate simple limits to describe continuity and behaviour of one-variable real functions near a point and at infinity;', 'Explain how differentiation and integration arise as limits of functions;', 'Calculate derivatives and integrals using a variety of methods;', 'Use calculus methods to analyse function characteristics such as local and global extrema, concavity and points of inflection;', 'Solve differential equations of the separable variables type;', 'Use calculus techniques to solve a variety of problems that can be modelled with functions or with first order differential equations;', 'Demonstrate proficiency in mathematical writing and communication.']
OCC4131	This unit will provide an exploration of the issues related to the assessment of children (ethical, legal, professional, educational, clinical). The unit will start by introducing the reasons, uses, and purposes of assessment. Specific methods (e.g., observation, objective performance, parent-report) related to the assessment of children will be reviewed. Particular attention will be paid to issues related to family-centred practice and assessing children in naturalistic environments. Different contexts (e.g., clinic, community, school, home) where assessment is completed, issues related to the assessment of children at different age levels / developmental levels and the evaluation of children with special needs will be discussed. Ethical, policy and legal issues related to the assessment of children will be presented and critiqued. Specific types of assessment tools, scales, and instruments appropriate for use with children will be presented and reviewed. This will provide a broad base of knowledge and skills for occupational therapy students wishing to work with children and families in clinical, educational, home, and community settings.	['Describe the characteristics, types, and methods of assessment best suited for use with children and their families;', 'Develop and describe assessment approaches appropriate for children at different developmental levels and for children with special needs;', 'Describe the assessment approaches that best fit with naturalistic assessment and family-centred practice;', 'Demonstrate knowledge of ethical, policy, and legal issues related to the assessment of children;', 'Demonstrate knowledge of assessment tools, scales, and instruments used to evaluate the skills, interests, roles, and abilities of children;', 'Demonstrate competence in searching, describing, summarising, and presenting (verbally and in writing) the evidence from research literature on a specific topic related to child assessment.']

FIT3170	<p>In this unit, students will undertake a full-year software development project in a self-managing team. Students will apply the skills they learned in prerequisite and co-requisite units to a larger project than any they have encountered to date. Through attempting larger-scale software development they will learn how the techniques they have encountered in isolation work together as an integrated methodology to make such complex projects feasible.</p>	<p>['develop a software application using a prescribed team-based methodology, conducting all activities associated with the development methodology;', 'plan and manage the full range of activities in a software engineering project in accordance with the development methodology;', 'determine and articulate the functional and non-functional requirements of a software system based on interaction with stakeholders;', 'identify aspects of quality that are important in the context of the project, and devise and implement strategies for ensuring quality goals are met;', 'use appropriate technologies to support the development and ongoing maintenance of a software system, such as issue tracking, project management, continuous integration, and revision control;', 'apply industry-standard technologies to allow different computer systems to interact with each other;', 'analyse professional issues occurring within the development and deployment of software applications, and identify appropriate actions based on relevant law and industry codes of ethical behaviour.']</p>
MKF2111	<p>This unit draws upon the concepts and theories developed in the social sciences to provide students with insight into the drivers of consumer behaviour. The knowledge obtained in this unit can be of significant benefit to both individual consumers, who can use it to make better consumption decisions, and to organisations who can apply it to develop more effective marketing strategies.</p>	<p>['demonstrate a detailed understanding of the consumer decision making process and the main factors that influence consumer behaviour', 'use consumer behaviour concepts to evaluate and enhance the effectiveness of marketing strategies', 'explain how this knowledge can be used to help consumers make better and more informed decisions.']</p>
BEX5724	<p>This unit requires students to examine a broad range of social, cultural, legal and political issues that can impact on the strategy and operations of businesses operating in a global business environment. Through the use of readings, case studies, and an analysis of current events students are confronted with some specific challenges of doing business in a global context. This unit focuses on developing skills, addressing various global issues and how they affect business, as well as aspects of global citizenship, cultural sensitivity and effective teamwork.</p>	<p>['recognise issues affecting businesses operating in a global context', 'develop and present strategic responses to specific issues affecting businesses operating in a global context with due consideration to sustainable, responsible and ethical business practices', 'acquire team skills including team leadership, collaboration, problem-solving, decision-making, communication and presentation skills', 'develop reflective practice skills in relation to individual learning.']</p>

AZA3432	<p>The main objective of this unit is to study and acquire theory and practice of communication in multicultural organisations. The unit begins with an introduction to broad principles of organisational communication and considers diverse perspectives and approaches to organisations and communication. Students will be introduced to organisational communication processes, components, influences and interventions. Topics of cultural and gender diversity, interpersonal skills, organisational change and development, globalisation and ethical conduct will be addressed.</p>	<p>[Identify and assess diverse theories of organisational communication.\n\nIdentify and evaluate management approaches and their effects on organisational communication.\n', 'Identify and evaluate management approaches and their effects on organisational communication.', 'Comprehend and evaluate the implications of specific processes, constructs and elements of organisational communication in terms of:\n\nRoles and functions\nOrganisation structure\nOrganisation culture\n', 'Roles and functions', 'Organisation structure', 'Organisation culture', 'Identify and apply interpersonal communication skills needed in an organization.', 'Appreciate and be sensitized to gender and cultural diversity in an organisational context.', 'Describe organisational and individual change.', 'Explain organisational development\n\nApply communication intervention techniques.\n', 'Apply communication intervention techniques.', 'Practice ethical behaviour in organisational and cultural contexts.', 'To identify elements and causes of dysfunctional organisational communication\n\nApply methods of conflict resolution.\n', 'Apply methods of conflict resolution.', 'Identify and evaluate the impact and effects of globalisation on organisational communication.']</p>
ATS2727	<p>This unit explores recent sociological analyses of men and masculinity. In this unit students will develop a critical awareness of the status of men in society, be introduced to different sociological approaches to the study of men and masculinity, and discover the various cultural constructions of masculinity. Topics covered in this unit include: theoretical examinations of masculinity, representations of masculinity in media and popular culture, men's lived experiences in the everyday world, and contemporary issues such as men's health, men's sexuality, men's violence and men's rights movements.</p>	<p>[A grounded working knowledge of the major theoretical and methodological approaches to men and masculinity', 'An informed theoretical critique of how masculinity is constituted in society', 'The ability to critically evaluate masculinity through a sociological lens, and to articulate this in high-quality academic written expression', 'Continued development of their independent research skills, referencing and essay presentation.']</p>
BTF1010	<p>The law affects everything we do in our personal lives, as well as all kinds of business activity. In this unit, you will learn about key areas of law relevant to the conduct of commerce. Learning about the law as a non-lawyer is important - it will help you understand business risks, and to seize upon business opportunities, while also helping you understand when professional legal advice might be required. In short, understanding the law's role in business helps you make good business decisions.</p>	<p>[examine common commercial law scenarios relating to: the supply of defective goods and services; contract disputes; misrepresentations; agency relationships; partnership law; and company law', 'identify legal problems and risks which arise in those scenarios', 'describe the laws relevant to those scenarios', 'analyse and apply the laws to predict possible legal outcomes.']</p>

CIV4280	Essential aspects of highway bridge design, assessment and rehabilitation. Criteria for selection of bridge types, which are most prevalent. Examine structure as a whole, and implement the analysis and design of the bridge deck and the supporting members. Relevant strength and serviceability limit states applied to the design of the bridge, life-cycle performance and risk assessment, material degradation, corrosion, fatigue and time-dependent deformations of reinforced and prestressed concrete elements of the bridge, structural rehabilitation and repair techniques.	['Formulate a conceptual design for a bridge considering various types of bridges, their components, and methods of construction.', 'Identify and calculate the loads to which a bridge is subjected, according to first principles and relevant codes of practice.', 'Determine the structural behaviour various bridge types quantitatively and qualitatively using relevant hand- and computer-based methods.', 'Design prestressed concrete beams for service and strength requirements.', 'Describe the reliability basis for limit state design and its use in bridge assessment, including descriptions of the basic variables.', 'Discuss bridge inspection and management procedures, including levels of assessment and condition rating approaches.', 'Work effectively in a bridge design team and communicate engineering designs.']
LAW4130	The unit examines:	['be aware of, and be able to demonstrate their grasp of, the significance of social theory to the understanding of law as a social phenomenon;', 'be aware of the nature of social theoretic scholarship, and of the theoretical and methodological underpinnings that distinguish research and scholarship in the social sciences and humanities from research in law;', 'be able to produce written work that is adequate relative to the theoretical and methodological underpinnings mentioned in (2);', 'have closely read a number of primary texts in the social theoretic tradition having implications for the study of legal topics (both classical and contemporary texts, demonstrating a range of social theoretic approaches);', 'be able to communicate, in written form, the outcomes of the reading described in (4), and thereby display familiarity with, articulate the content of and undertake sustained critical analysis of those texts, synthesise multiple texts, and integrate their own social theoretic insights; and', 'learn and work autonomously and use feedback to improve their own capabilities and performance.']
MEC4426	Finite element analysis (FEA) in computer-aided design; finite element formulation; first-order and second-order elements; stiffness matrix; integration points and stress recovery; convergence and mesh refinement; FEA of plane stress and plane strain problems; FEA of axisymmetric problems; FEA of nonlinear materials; FEA of contact problems; FEA of large deformation problems; FEA of dynamic problems; FEA of fracture mechanics.	['Identify the basic theories, terminologies and concepts related to the application of the finite element method in computer-aided design of structures, including aircraft structures.', 'Select correct element types and designs proper mesh to obtain accurate results from a finite element analysis.', 'Generate finite element models for truss structures, plane stress, plane strain, axisymmetric and general 3D structural problems.', 'Apply a commonly-used commercial software to carry out finite element analyses on different structural problems.', 'Identify the basic theories and concepts of advanced solid mechanics, such as nonlinear materials, contact mechanics, finite deformation and fracture mechanics.', 'Use finite element analyses on advanced solid mechanics problems.']

OCC3000	<p>Students enrolled in the Bachelor of Occupational Therapy (Honours) must complete fieldwork placements to satisfy the professional requirements that a sufficient period of supervised practice be completed prior to graduation and application for registration issued by the Australian Health Practitioner Regulation Agency. This 6 week fieldwork placement unit plays an important part in consolidating student application of professional knowledge, attitudes and skills.</p>	<p>[‘Take responsibility for own attitudes and behaviour, as demonstrated by acknowledging prejudices, limitations, and lack of knowledge, and commitment to change and growth as a result of professional development, and reflective learning.’, ‘Demonstrate skills in self-assessment and be able to act on feedback received, as well as provide constructive feedback to others in a practice situation.’, ‘Apply to practice the occupational therapy theories on the relationship between the person, the environment (physical, social, institutional and cultural) and occupation as the basis for occupational therapy practice.’, ‘Synthesise the complex interacting factors that contribute to notions of culture and cultural relationships, health and illness and multicultural diversity to professional practice and citizenship.’, ‘Describe, critique and apply best evidence available for occupational therapy individual and group intervention strategies, methods and modalities used with clients of occupational therapy presenting with occupational performance challenges.’, ‘Demonstrate integrated professional reasoning (involving the threshold concepts of purposeful and meaningful occupation, client-centred/family centred practice, occupational therapy theory and practice, identity as an occupational therapist, and thinking critically, reasoning and reflecting) in the development and implementation of occupationally relevant intervention strategies.’, ‘Write relevant, concise and comprehensive reports and substantiate both written and oral reports with information from assessments, observations and interviews.’, ‘Communicate and work collaboratively with clients and all staff, including other members of the team, and be able to refer appropriately to optimise client health care.’, ‘Maintain the legal, ethical and professional standards and emergency procedures set by the facility, Monash University and OT Australia code of ethics.’]</p>
---------	---	--

ATS2295	<p>Europe is the birthplace of cinema, and from the silent era through to Italian neo-realism, to the new waves of the 1960s and 70s, European cinema changed the way we see and know the world. In this unit we trace the development of European cinema after the fall of the Berlin Wall and into the 21st century, asking three key questions: How have the changing boundaries and social crises in Europe in the post-Berlin Wall era impacted on cinema? What distinguishes European cinema from others in the global era? Can the cinema still be an appropriate media for reflecting cultures, identity and social change? We will study some of Europe's most influential contemporary films and documentaries. We will examine the tension between the rise of transnational European 'blockbuster' cinema, designed to compete with Hollywood, and traditional European art house filmmaking. We will consider the long-standing relationship between European cinema and the European tradition of film festivals. We will address issues of language, translation and subtitling. And we will also look at political and social implications of important emergent cinemas from this period, including a proliferation of immigrant films that are challenging traditional conceptions of European space and identity. Students will be introduced to films from a range of countries, including France, Belgium, Italy, Germany, Hungary and Spain.</p>	<p>[an understanding of the role cinema plays in contemporary European societies;', 'an ability to apply relevant cinema and cultural studies concepts;', 'familiarity with some of Europe's most influential films and documentaries;', 'skills in the formulation, structuring and written presentation of scholarly analysis of European film and documentaries;', 'skills in cross-cultural competency and team work through contribution to collaborative projects and on-line sites of learning.']</p>
DIS5201	<p>Introduces the methods and processes involved in creating 3D animation. The key areas of 3D animation 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 movement which involves understanding key sequences, framing and inbetweening.</p>	<p>['Be able to use 3D imaging software to create 3D animations;', 'Have an understanding of the principles of designing for animation in three dimensions;', 'Be able to apply surface qualities, lighting, textures, and imported graphic files to elements in a three dimensional animation;', 'Understand and manipulate camera properties and viewer perspectives;', 'Be able to prepare animation sequences for inclusion in multimedia presentations;', 'Understand the various applications of 3D animation and virtual space in multimedia;', 'Have knowledge of the various tools and techniques used for realtime 3D computer graphic applications;', 'Be able to analyse the effective use of 3D animation in multimedia;', 'Have developed an individual understanding of an aspect of a specific application of 3D animation and virtual space in multimedia;', 'Observe and apply the OHSE requirements of the working environment.']</p>
ATS2128	<p>The unit extends intermediate skills in composition and music technology by requiring students to compose for screen. Students will also apply mastering techniques to recorded works and develop listening skills in relation to musical works that accompany other media.</p>	<p>['recognise a range of composition techniques for screen;', 'compose music to accompany screen;', 'apply studio mastering techniques to compositions;', 'perform in a chosen/approved music ensemble with a critical awareness of the various roles involved;', 'critique composition for screen, demonstrating perceptive music listening skills.']</p>

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>
CIV6305	<p>This unit develops students' understanding of the models used in the prediction and analysis of travel demand. The emphasis is on strategic network models which are used for longer-term network modelling and planning. The traditional four-step models of trip generation, mode choice and traffic assignment and contemporary methods such as tour-based and activity-based modelling are introduced. The capabilities of commercial network modelling packages are reviewed.</p>	<p>['describe the component models and the modelling framework used in transport network modelling', 'assess the strengths and weaknesses of various transport demand models', 'apply appropriate concepts, techniques and principles that underline transportation forecasting and management', 'implement modelling concepts relevant to undertaking feasibility studies of transport proposals.']</p>

BIO1042	<p>This unit explores the biosphere, environmental conditions and their effects on animals, plants and communities. Students will examine the responses of organisms to environmental conditions; interactions between plants and animals; environmental genetics and microbiology; management of biological resources; and an introduction to ecology and the impact of humans on the environment. Students will undertake self-directed learning through the online environment. These online activities, readings and instructional videos will be complemented by face-to-face workshops where they will collaborate with peers and teaching staff to deepen their understanding of the biological concepts introduced each week. Students will gain hands-on experience and develop experimental and analytical skills in the laboratory environment. This unit is ideally paired with BIO1011 and/or BIO1022.</p>	<p>['Demonstrate an understanding of biodiversity, evolutionary concepts and processes, aspects of the evolution of the Australian biota, the nature of biogeochemical cycles, and human impacts on the biosphere;', 'Formulate hypotheses, collect experimental data and demonstrate proficiency in interpreting your own results;', 'Demonstrate proficiency in communicating biological results through a range of formats (written, oral, multimedia);', 'Self-evaluate and reflect upon the development of teamwork and communication skills;', 'Apply practical techniques and tools to conduct an investigation in the laboratory, field or virtual environment;', 'Work and learn independently and collaboratively while exercising personal, professional and social responsibility that recognises the importance of practising science sustainably, ethically and safely in society.']</p>
MKF5351	<p>This is the capstone unit of the Master of Marketing degree program. The overarching goal of the degree is to prepare competent and responsible entrants to the marketing profession. Accordingly, this integrative, end-of-program capstone unit will help in translating knowledge gleaned from all other degree units (i.e. the academic discipline of marketing) toward the professional discipline of marketing. This will be achieved in the form of "direct decision making scenarios" (case studies), "experiential learning episodes" (simulation), "competitive situations" (mid-term case completion), "learning from academic and industry leaders" (research day, marketing masterclass, marketing breakfasts), and "immersive learning events" (industry visits).</p>	<p>['critically evaluate competitive marketing decision situations and craft innovative and systematic solutions for which personal responsibility is taken', 'exhibit a keen sense of personal learning from professionals (academic and practitioner), competitive and immersive situations and decision scenarios', 'develop a perspective of socially responsible and culturally sensitive global marketing practitioners.']</p>
PSY7131	<p>The content of seminars will cover the practice of psychological therapies with a sound evidence base. Learning will consolidate existing knowledge of psychopathology and focus on extending this knowledge within a tailored therapeutic approach. Cases will be discussed using conceptualization methods that are problem focused (i.e., presenting symptoms and precipitating/ perpetuating/ predisposing/ protective factors), those that span multiple diagnostic categories, and those that theoretical concepts from treatment models with empirical support (e.g., relationship history, attachment style, core beliefs, schema, rules/ assumptions, and values).</p>	<p>['Organize features of cases to construct problem focused, disorder specific, and comprehensive case conceptualizations for complex case presentations;', 'Assess client strengths and aspects that require special consideration when engaging clients, tailoring therapeutic relationships and interventions;', 'Create therapeutic environments that foster client engagement during sessions, and that maximize client engagement with between session work;', 'Construct, deliver, and evaluate comprehensive case presentations including comprehensive case conceptualizations and treatment plans;', 'Plan tailored therapeutic intervention for clients with severe personality disorders and multiple diagnoses;', 'Contribute to constructive case consultation;']</p>

APG5048	The unit addresses specific translation issues in various professional and social settings which will be approached firstly, through theoretical discussion in relation to context and cognitive environment, followed by the practical translation of authentic texts, which illustrate the issues involved. It complements APG5690 Applied Translation, adopting a similar approach to learning and assessment, but exploring different genres and professional contexts.	['identify and discuss theoretical and methodological issues related to the translation of different professional discourses;', 'utilise problem-solving strategies to translate various textual genres and linguistic registers;', 'justify their translation strategies using theoretical insights and analysis of the translation brief and purpose;', 'demonstrate an awareness of their role as a translator and a professional approach to undertaking translation tasks.']
RTS5103	This unit is the second of three units dealing specifically with the principles and applications of radiation therapy planning and treatment. This unit will cover the: loco-motor, lymphatic, cardio-vascular, and haematological systems. In addition students will also analyse and evaluate the principles of quality assurance and how they relate to the practice of radiation therapy. Students will gain in-depth knowledge on the role applications of image verification in radiation therapy treatment delivery. Students will be able to analyse and evaluate radiation therapy beam modification devices and planning evaluation tools. This unit includes one week of clinically oriented simulated learning and a four week clinical placement that will allow students to develop further clinical and professional skills to a beginner/intermediate beginner level. Whilst studying these topics, students will be encouraged to critically reflect, analyse and synthesis relevant information from the literature and reflect on their clinical experiences.	['Identify and describe in detail; structural and sectional anatomy, physiology, pathology and oncology related to: loco-motor, lymphatic, and cardiovascular systems.', 'Critically analyse radiation therapy planning, treatment and verification techniques with reference to international standards, the evidence-base and personal reflections for: the loco-motor, lymphatic, and cardiovascular systems and demonstrate beginner level planning, treatment and verification procedures for a range of diagnoses.', 'Describe with reference to the evidence-base, acute and late radiation therapy side effects, analysing patient care and management strategies related to the above body systems, demonstrating the provision of beginner level multi-disciplinary patient care, management, communication and professional skills for a range of patients.', 'Describe the process of how 3D datasets are generated and evaluate the clinical use of 3D images for planning and verification.', 'Describe in detail and apply the principles of radiation safety, quality management, occupational health and safety.', 'Appraise protocols, procedures and legal requirements used for incident reporting.', 'Appraise the imaging modalities used for treatment verification and demonstrate beginner level image matching.', 'Analyse and synthesis the principles and clinical applications of plan evaluation tools, demonstrating beginner level use of these.', 'Evaluate the rationale for use of beam modification accessories.', 'Describe and discuss effective and respectful working collaborations with the multi-disciplinary team.']
BMS3990	This unit provides the opportunity for high achieving students to work with an academic supervisor and complete a research project in the Biomedical Sciences. The research project may be chosen from a list of projects available at the beginning of semester from any of the Departments in the School of Biomedical Sciences. The unit convenor and supervisor must approve the project topic at the time of enrolment. Students will work in a research laboratory to obtain data, will complete a written preliminary and final report and will give a series of oral presentations on their work.	['Review scientific literature in the project area, including the ability to identify key information in this area;', 'Access databases for provision of information;', 'Present oral reports;', 'Construct written reports;', 'Manage workloads to meet deadlines;', 'Work with a significant degree of independence;', 'Plan a large project, including the ability to adjust planning as events and results dictate;', 'Conduct appropriate statistical analysis of results;', 'Perform routine laboratory measurements and manipulations;', 'Maintain efficient and meaningful communication with a project supervisor;', 'Use technical word processing packages and graphics software.']

AZA2764	The child and youth care worker cannot treat children alone, they will need an awareness of what other disciplines do and knowledge of a process of referral that will ensure that the child gets the best holistic treatment possible. This unit includes a social network framework that teaches the student to look for possible social support (natural and professional) that can treat the child but also sustain his or her well-being within a community. This unit compliments the core intervention unit that focuses more on individual and group support.	['Understand the nature of a social environment and the meaning of a social network.', 'Know the principles of environmental modification.', 'Accurately and efficiently refer a childhood problem to multiple disciplines.', 'Demonstrate the ability to do a social network analysis.', 'Show efficiency in conducting social network interventions.', 'Be able to differentiate between social networking, environmental modification and community development.']
APG5102	The unit introduces students to public, private and not for profit institutions at international, national and local levels and how they impact upon the governance of communities in a range of international settings. The roles, relationships and networks of state and non-state institutions, and their influence on public policy, will be examined through the prism of international indicators and benchmarks of 'good' and 'bad' governance. The political, economic and regulatory dimensions of governance will be explored utilising contemporary issues in public policy.	['analyse and communicate concepts of governance and their application to issues affecting nations, international regions and the global community;', 'evaluate relationships between the public sector, the private sector and civil society and how these can be utilised to foster good governance outcomes;', 'create and develop governance strategies that reflect leadership capacity in cross-cultural competence, effective team engagement and ethical values.']
ATS2845	Successful screen-based media productions start with an engaging story that has been skillfully envisaged. In this unit students will draw upon practical theories of screenwriting to transform real-world research into industry standard scripts for both non-fiction and fiction productions. The unit will introduce basic strategies for concept development and demonstrate how to write supporting 'short docs' such as synopsis, outlines and treatments. Students will then apply stylistic conventions and narrative theories of screenwriting to transform these into shoot-ready scripts for non-fiction and fiction media productions. Where possible, students will be given an opportunity to pitch their final scripts to industry professionals for constructive feedback.	['recognise and use industry-standard story documents in writing for both non-fiction and fiction screen-based media;', 'develop strategies for transforming real-world research into concepts for non-fiction and fiction media production;', 'create a 'short doc' as a basis for writing non-fiction or fiction script;', 'apply narrative strategies, concepts and devices to create compelling screen-based media production scripts (non-fiction and fiction);', 'illustrate how the scripting process responds to wider production factors such as pitching, budget, distribution and marketing in different mediums.']
BFF5954	This unit covers corporate finance concepts and theories at an introductory level. Students will be expected to be able to master basic calculations involving share and bond valuations, NPV and IRR, company cost of capital, etc. and to use them in determining whether investment projects should proceed as well as the value of companies. They will also expected to be able to interpret the results and to discuss basic issues and theories appropriate to an introductory level unit.	['value financial instruments including debt and equity instruments using financial models and financial mathematics', 'explain and critique the theory of capital markets', 'evaluate firms' investment project decisions using capital budgeting techniques', 'describe and critique firms' financing and payout decisions', 'identify and explain firms' financial risks and how firms can manage financial risks using risk management techniques."]

PAR2022	This unit continues to develop the role of the paramedic as a clinician by extending clinical examination and decision making skills that were introduced in previous clinical units.	['Describe the epidemiology, population health and pathology related to injuries and commonly encountered in paramedic practice.', 'Describe criteria used to identify major trauma and demonstrate the application of pre-hospital trauma triage guidelines.', 'Identify and evaluate evidence that informs paramedic clinical practice guidelines used to care for patients with injury.', 'Relate the pharmacology of drugs and fluids used by paramedics for the management of injury to drug indications and actions.', 'Demonstrate the ability to integrate the theoretical knowledge and clinical skills to the assessment and management of patients with injury in real time simulation.', 'Demonstrate clinical reasoning skills related to the management of trauma patients.']
BFF3111	This unit provides an introduction to financial planning. Coverage includes: an introduction to financial planning; financial planning process; cash flow and debt management; investment strategy development; tax planning; retirement planning; risk management; estate planning; ethics and compliance.	['explain the advisory functions of financial planners, describe the steps involved in the financial planning process to client scenarios', 'identify and understand legal compliance requirements, ethical considerations and professional conduct requirements in giving financial planning advice', 'demonstrate specialist knowledge in the areas of cash flow and debt management, investment management, tax planning, retirement planning, risk management, and estate planning', 'undertake research, construct and present a limited scope Statement of Advice (SoA) to meet client requirements in an ethical and professional manner, and communicate and present information, ideas, problems and solutions on financial planning matters to clients and other financial planning professionals.']
NUR5210	This unit introduces nurses to the role they play in emergency preparedness and disaster management in local and international settings. Areas of focus include the role in planning, partnerships, disaster response, and delivery of services.	['Develop a plan including the essential elements of leadership and management for nursing in disaster prevention, preparedness, response and recovery;', 'Explain the concept of a safe hospital in disaster and the safe hospital index;', 'Analyze strategies for investing in a disaster informed nursing workforce within local and international settings;', 'Evaluate the resources available to enhance the resilience of the nursing workforce in disaster;', 'Identify when community resilience is compromised and what is needed to build that resilience;', 'Analyze the competing issues of core competencies, expanded scope of practice and ethical practice in the context of response for nurses;', 'Conceptualise the value of using a disaster research framework for a research study of a mass casualty incident;', 'Identify the special needs of vulnerable populations in disaster situations.']

DIS4604	<p>This unit provides students exposure to the concepts and tools applicable to digital and audio production techniques. The unit offers students an opportunity to explore the potential of digital video and audio as a medium for inclusion in a wide range of communications and multimedia applications. Scripting, shooting video, sound recording and other production methods are demonstrated.</p>	<p>['Understand digital video and audio concepts;', 'Be able to plan, acquire and digitise a video source;', 'Be able to trim and edit a video source;', 'Be able to plan and manage an audio recording session;', 'Acquire and incorporate audio and music tracks within a video source;', 'Assemble and output a complete digital audio/video production;', 'Understand the various applications of digital audio/video in multimedia;', 'Have knowledge of the various tools and techniques used for digital video effects and sound composition.']</p>
ATS3220	<p>Studies in the culture of the sixteenth to eighteenth centuries in Ukraine. Literary texts (polemical literature; lyrical, laudatory and emblematic verse; school drama, including comic interlude; historical writing; the philosophical and poetic works of Skovoroda) are examined in the original, in relation to contemporary Ukrainian art, architecture, music and folklore, and with reference to social and political developments.</p>	<p>['Upon completion of this unit students should have acquired a knowledge of representative texts of the major genres of the Ukrainian literature, an in-depth knowledge of the major developments of the Ukrainian history', 'Students should have developed an understanding of the texts in the context of contemporary East-Slavic and Ukrainian culture, and should be able to place them into the context of social and political change as well as the context of other arts', 'Students should have developed skills in critical interpretation, as well as coherent, independent written argument that makes properly documented use of secondary literature', 'Students taking the unit at fourth-year level should be familiar with various critical and theoretical approaches to the subject matter of the unit.']</p>

HSC4001	<p>This unit aims to develop students' understanding and skills in the quantitative and qualitative research methods that underpin contemporary global public health and health science research, as well as the analysis, interpretation and reporting of data from such research. This unit introduces students to the theoretical methodological and ethical issues that underpin contemporary global public health and health science research. It provides direction and guidance to honours students in identifying a meaningful research question and develops the skills and knowledge students need to develop a research proposal. It re-introduces students to quantitative and qualitative research frameworks and data analysis techniques they need both to undertake their study and write a research report.</p>	<p>['Demonstrate a good understanding of the research process and skills needed to produce a research report to meet the standard required at honours level by developing an outline and plan of a research process suitable for their research project;', 'Critique their outline and plan for their research project;', 'Explain the formulation of research questions and formulate a research question relevant to their research project;', 'Demonstrate a good understanding of the range of quantitative and qualitative research frameworks utilised in public health and health science research by:\n\nIdentifying the research frameworks used in a range of research projects;\nSelecting the most suitable research framework/methodology for given examples of research projects; and,\nJustifying the research framework/methodology chosen for their research project;\n', 'Identifying the research frameworks used in a range of research projects;', 'Selecting the most suitable research framework/methodology for given examples of research projects; and,', 'Justifying the research framework/methodology chosen for their research project;', 'Link research paradigms or methods to research questions;', 'Demonstrate a good understanding of data analysis methods associated with the various research frameworks by:\n\nIdentifying the most appropriate data analysis methods for different research frameworks;\nSelecting the most suitable data analysis methods for their research project; and\nJustifying the data analysis methods chosen for their research project;\n', 'Identifying the most appropriate data analysis methods for different research frameworks;', 'Selecting the most suitable data analysis methods for their research project; and', 'Justifying the data analysis methods chosen for their research project;', 'Demonstrate a good understanding of potential further research available to them by identifying future research activities in which they could participate and are of specific interest to them.']</p>
---------	--	---

DIS3906	<p>This unit introduces students to digital publishing within art and design studio practices. It builds sequentially upon the skills and knowledge of electronic design by providing a focus upon digital methods of publication. Students explore digital workflow through a variety of software applications and a range of delivery options for digital publishing with increasing confidence, proficiency and technical understanding of demands required across the development, creation and realisation of networked publishing outcomes.</p>	<p>['Skillfully and insightfully conceive, develop, create, compose and output digital publications;', 'Explore digital workflow through a variety of software applications and range of delivery options for digital publishing with increasing confidence and proficiency;', 'Produce creative digital publications with an increased conceptual understanding of hypertext forms and visual communication;', 'Demonstrate increased technical understanding of demands required across the development, creation and realisation of networked publishing outcomes;', 'Display an increasingly personalised artistic expression and sophisticated creative digital media approach which can be applied to self-promotion and publishing strategies for marketing and visual communication;', 'Observe and employ occupational health and safety principles and rules appropriate to studio practice.']</p>
MKF5911	<p>Essential concepts in psychology and sociology relevant to consumer and organisational behaviour; essential frameworks, models and concepts; fundamental processes of motivation, perception and learning in individual behaviour; nature and influence of individual predispositions, including personality characteristics, attitude formation and change; the social influences of culture, class reference groups and family; consumer decision processes; diffusions of innovations and fads; links to and organisation/aspects of industrial buying, organisational decision making processes and influences, links and relevance between individual and organisational buying behaviour.</p>	<p>["examine the origins and nature of buyer behaviour and explain the role of marketing in satisfying buyer's needs and wants", 'explain the importance to marketing of having a good understanding of buyer behaviour and its influence on marketing strategy', 'discuss the basic theories and concepts relevant to buyer behaviour in both consumer and organisational contexts', 'analyse how these theories and concepts can provide insight into and help explain buyer behaviour in contemporary environments', 'analyse and research buyer behaviour in a range of contexts and from a variety of perspectives.']</p>
RAD3004	<p>This unit extends knowledge of the basic physical principles of magnetic resonance imaging (MRI) and addresses safety and the protocols and processing methods used to image brain structure and function.</p>	<p>['Apply principles of evidence-based health care practice to MRI imaging in the clinical context', 'Explain the role played by the practitioner/researcher in the application of safety principles within the MRI suite.', 'Describe a range of indications, participant presentations, participant preparation and positioning methods for MRI studies of the brain.', 'Select the appropriate MRI protocol and post processing techniques for MRI studies of the brain structure and function from within an evidence-based framework.', 'Use brain images to apply analytical theory and methods supporting the investigation of brain structure and function.', 'Apply the principles of quality assurance and quality control to MRI imaging in the context of neuroimaging research.']</p>

MEC4407	<p>This unit builds on knowledge gained in both second year design units, and other core engineering classes, and continues the use of group work and design projects as key learning methodologies to integrate theoretical knowledge and understanding. It includes use of design software tools for 3D modelling, assembly, finite element analysis (FEA), computational fluid dynamics (CFD) and design optimisation. Topics on manufacturing processes will incorporate the discussion of a variety of modern computer controlled processes in addition to those relating to composites and polymers. The unit will emphasise design methodologies and processes for low cost, manufacturability, ease of assembly and speed to market.</p>	<p>['Use industry standard engineering software tools for design (CAD) and simulation (stress analysis, dynamics, fluid dynamics, optimisation) of complex engineering problems.', 'Design a product or process that satisfies design specifications and is optimised based on interdependent and competing factors.', 'Synthesise engineering hand calculations, numerical predictions and experimental test results to predict product and process performance.', 'Reflect on teamwork, project management, leadership and conflict resolution in the context of the group projects and activities.', 'Describe and select appropriate composite materials and manufacturing techniques for industrial applications and consumer products.']</p>
ATS3544	<p>The unit provides students with a thorough grounding in archaeological field techniques. Field techniques include pre-fieldwork preparations and critical analysis of different approaches by archaeologists to find, record and excavate sites. Practical experience and tuition in each of these areas will be gained through 2 days of classes based at Clayton Campus plus 2.5 weeks of fieldwork in Victoria. On completion of the subject students will have first-hand appreciation of what it takes to excavate archaeological sites at a professional standard.</p>	<p>['appreciate the broad range of conceptual and practical skills required to find, record and excavate archaeological sites;', 'develop skills in community partnership research projects;', 'develop skills to critically evaluate archaeological evidence and assemble multidisciplinary research teams.']</p>
APG4554	<p>National and international conflicts over the use of natural resources, e.g. rainforest destruction, land degradation, pressure on water supplies and common property resources. Analysis of resource disputes, including socio-political aspects and debate over causes and trajectories. Different managements approaches used to solve environmental problems, e.g. role of the state, communities, protected areas, and indigenous people.</p>	<p>['critically analyse the theoretical and empirical bases of resource management issues', 'appreciate the complex, intertwined nature of ecological, social, and political factors underlying resource management issues', 'recognise, apply, and distinguish between the main explanatory theories', 'be able to construct critical and analytical arguments relevant to resource management issues in good quality writing.']</p>
ACX5951	<p>This unit centres on both a conceptual and practical approach to International Accounting Issues with emphasis on international standard setting and compliance as viewed by regulators and private sector preparers of accounts. Students gain a practical understanding of these issues in an international context through the overseas visitation program which forms an integral part of this unit.</p>	<p>['develop an understanding the history of accounting standard setting in various countries and the international convergence of accounting standards', 'develop a practical understanding and appreciation of cultural differences within the area of international accounting through an overseas visitation program', 'develop a set of academic skills which include the ability to work independently, evaluate academic papers in terms of the application of theories to understand and explain differences in financial reporting, search the web and to submit assignments on time', 'develop excellent oral and written communication skills to be able to analyse case studies and to lead/participate in groups from diverse cultural and social backgrounds.']</p>

FIT1054	<p>This unit introduces students to core problem-solving, analytical skills, and methodologies useful for developing flexible, robust, and maintainable software. It covers a range of conceptual levels, from high-level algorithms and data-structures, down to the machine models and simple assembly language programming. Topics include data types; data structures; algorithms; algorithmic complexity; recursion and translation to assembly language.</p>	<p>['translate simple problem statements into algorithms, implement them in a high level programming language and test them.', 'summarise and compare the properties of basic abstract data types such as stacks, queues, lists, trees, priority queues, heaps and hash tables.', 'evaluate different algorithms and implementations of basic abstract data types.', 'analyse algorithms by determining their best case and worst case big O time complexity.', 'design efficient solutions combining basic abstract data types and applying the concepts of complexity while understanding its implications in practical situations.', 'describe the classic RISC pipeline and how machine architecture can affect processor performance.', 'deconstruct simple high-level code into assembly code such as MIPS R2000.']</p>
ATS3046	<p>This unit builds on and develops the bilingual communication skills acquired in ATS3045 Chinese interpreting skills 1, and on the ability to apply these skills in a wider range of contexts, including: finance and trade, banking and insurance, information and technology, legal matters, conference interpreting, and interview techniques.</p>	<p>['more fully understand the differences between verbal and non-verbal interpreting skills and the concepts underlying the principles and practice of interpreting and to recognize the specific requirements of different types of interpreting in a wider range of contexts.', 'demonstrate improved verbal and non-verbal interpreting competence in both Chinese and English; acquire more developed interpreting skills and strategies; undertake a wider range of real-life communicative activities and explore solutions to problems involved in decoding and encoding messages in the process of interpreting', 'demonstrate enhanced multicultural understanding, as a prerequisite to interpreting, and the ability to communicate culturally specific information into an understandable format in the target language', 'continue into advanced translation/interpreting studies, with confidence to participate in studies such as NAATI accredited courses.']</p>
FIT5124	<p>This unit aims to provide students with an advanced knowledge of IT security. Topics include design and implementation of advanced cryptosystems for high-performance applications such as low power mobile devices, cryptographic protocols for secure online computation applications such as e-voting. We will cover advanced hacking techniques, complete computer system penetration testing and defences. Further topics include advanced wireless network security, enterprise security architectures, malicious code detection and prevention systems, defence systems in depth, advanced software security, virtual system and cloud computing security, and emerging technologies such as quantum computing and cryptography. Students will do practical exercises and tasks throughout the unit.</p>	<p>['explain the operation of several advanced cryptosystems and protocols and their underlying assumptions and applications;', 'apply a range of hacking and penetration testing techniques;', 'describe advanced security design issues in the context of software and network settings;', 'explain the potential security implications and limitations of emerging technologies.']</p>

ATS1111	The primary focus of the unit is to develop fundamental communication skills required for use in interacting with Indonesians. The overarching theme is on biography and the unit draws on the biographies of Indonesians, Australians and others who have had an impact on Indonesia's development and/or its relationship with the world. Cultural lectures explore the lives of Indonesians and the creation of the nation using film and literature as primary media. Tutorials provide language practice and opportunities to express personal experiences and interests in Indonesian while developing knowledge of structure and cultural practice in language use. Students taking this unit are not expected to have any prior knowledge of Indonesian language or culture.	['apply a practical knowledge of Indonesian language and culture to present information about themselves and others in Indonesian;', 'understand and utilise the Indonesian writing system as it relates to sound and spelling;', 'use an Indonesian dictionary through an awareness and understanding of Indonesian morphology;', 'apply basic research skills to retrieve, synthesise and communicate information related to biographies of prominent Indonesians in English.']
MGF5911	Foreign policy involves relationships with other governments over which little control is directly exercised. Diplomacy as the art of persuasion is therefore an integral part of foreign policy. Just as democracy has transformed the domestic political environment of many countries since the eighteenth century, self-determination has transformed the international political environment in the twentieth century. The two traditions in statecraft -- one moral and universalist, one pragmatic and promoting the 'national interest' -- are tested in the context of bilateral, regional and multilateral modern diplomacy. Case studies in the Asia-Pacific and the challenges facing foreign policy.	['acquire the principles and practices of diplomacy, statecraft and international relations', 'reason in an informed way regarding diplomacy and statecraft', 'analyse and report on the international political and security environment', 'read critically and construct a sophisticated argument in relation to questions of diplomacy and statecraft.']
PBH1101	This unit introduces students to qualitative research methods and why, when and how they are used in health research. The unit will develop students' understanding of both the theoretical underpinnings of qualitative research and the practical skills in research design using qualitative methods. In developing these skills students will learn about sampling, qualitative data collection and qualitative data analysis techniques and mixed methods designs in the arenas of clinical health service delivery, public health and health policy. The cultural, ethical and political contexts within which research takes place will be discussed to highlight that research takes place in the real world, which both enables and constrains research design and practice.	['Develop a researchable question requiring a qualitative research design.', 'Discuss the options and constraints associated with different types of mixed methods research design.', 'Select sampling strategies appropriate to answering a posed researchable question.', 'Describe and appropriately use qualitative data collection methods in qualitative research.', 'Describe and use the appropriate tools for analysis of qualitative data.', 'Choose appropriate strategies for designing, implementing and evaluating qualitative research accounting for ethical and cultural sensitivities.']
APG5045	The unit will introduce students to the main debates, concepts and practices in the field of gender and international development. We will explore broader debates and conceptual frameworks relating to gender and development including conceptual approaches to gender and gender equity. Practice frameworks such as empowerment, gender analysis, gender budget formulation, gender sensitive evaluation, and gender mainstreaming will be explored.	['Develop an understanding of theories and concepts on gender and gender relations as they pertain to development practice.', 'Knowledge of the evolution of approaches to gender and development.', 'Familiarity with and practice in applying tools in development practice.']

MKS3440	<p>This unit explores corporate strategy and marketing strategy, strategic perspectives on buyer behaviour, strategic use of marketing mix variables such as communication, pricing, distribution, product, external and internal decision environments, market position and analysis, corporate and marketing strategic direction, managing marketing strategy planning and control.</p>	<p>['critically analyse the effectiveness of marketing strategy at different levels of the organisation using case studies', 'apply marketing theories and model to analysing and formulating marketing strategy analysis and formulation processes', 'assess the role of segmentation, targeting and positioning strategy and the marketing mix elements in the strategy making process', 'formulate and recommend strategic solutions that add measurable value to the organisations used in case studies', 'examine the feasibility of implementing and controlling chosen marketing strategies.']</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>
ADA3011	<p>This interdisciplinary studies unit will engage with complex contemporary challenges via project-based activities and problem-based learning. Students will apply knowledge, techniques and methodologies from their individual disciplines in collaboration with others' as they investigate a range of disciplinary perspectives and approaches relevant to the challenge at hand. Student cohorts may include any combination of art, design or architecture students as well as students from other disciplinary backgrounds. Developing the ability to critically and creatively engage with 'real world' problems through interdisciplinary approaches will be the core of learning in this unit. Students will develop skills in communication, collaboration and innovation, as well as reflective approaches that will focus on developing a clearer understanding of the personal perspective and skills each contributor brings to a shared challenge. Final outcomes from the unit may include collaborative or individual submissions.</p>	<p>['Understand a range of opportunities for discipline-specific practitioners in interdisciplinary contexts;', 'Apply collaboration, representation and communication skills for interdisciplinary engagement;', 'Conduct critical enquiry relevant to an identified issue, and analyse and evaluate findings;', 'Conceptualise, develop and present a creative response to a given interdisciplinary problem;', 'Critically reflect on the students' own contributions to an interdisciplinary undertaking;', 'Understand and apply the rules of occupational health and safety appropriate to the interdisciplinary study, in order to collaborate safely with peers.']</p>

ATS1222	The unit consolidates and extends listening, speaking, reading and writing skills at level A1 of the European language framework.	['interact in simple discussions and talk about aspects of daily life;', 'utilise their knowledge of all areas of Italian grammar, with some fluency in speaking, listening, reading and writing;', 'critically analyse specific issues connected to national identity and gender in contemporary Italy;', 'research, evaluate and utilise digital resources and social-media texts about Italian history, culture and society.']
MEC6884	Sustainable engineering systems are optimised to use resources in a sustainable way - such that the demand of the systems does not deplete the supply of resources and in fact can contribute to that supply.	['describe how engineering systems are integrated to provide sustainable outcomes', 'identify, analyse and interpret stakeholder needs in terms of sustainable engineering systems', 'evaluate alternatives for optimising sustainable engineering systems in terms of performance and cost', 'apply the techniques and considerations relevant to a systems engineer to sustainable systems including examples such as building maintenance, power supply and generation and remotely located infrastructure', 'integrate, design, monitor and perform analysis methodologies to develop systems to meet specified sustainable requirements, including innovative approaches to synthesise alternative solutions', 'engage in regular self-assessment and peer-assessment of individual and team performance as a primary means of tracking continuing professional development']
ATS3918	This unit involves a program or project in collaboration with an international organisation, carried out in-country overseas. Students will apply to participate in an approved project and will require the approval of the unit coordinator to enrol. Students may be eligible for financial support for overseas study via Monash Abroad.	['Advanced professional experience in international journalistic collaboration through either an approved program of study or a project;', 'Ability to analyse and reflect on international journalism professional practice;', 'Ability to apply the principles and practice of journalism that they have learnt in their undergraduate studies in an international context;', 'Skills in cross-cultural communication and collaboration;', 'Evidence of a portfolio of experiences and publications gained during placement;', 'Competence in meeting the demands of an international professional program or project and being able to reflect critically on those demands.']
MPH5307	Review of legal principles related to health care; including common law principles and statutes. The focus is on key areas of medical and health law such as negligence, consent, privacy of health information, clinical research, abortion, euthanasia, mental health, infectious diseases, health complaints, ethics and human rights and law for health systems.	['Describe the sources of law', 'Describe aspects of law impacting upon the delivery of health services', 'Apply key areas of medical law to health management; such as negligence, informed consent, confidentiality, clinical research, abortion, euthanasia, health service law, mental health law, infectious diseases law, health complaints law and coronial law', 'Comprehend other areas of law and legal policy as they apply to the health care system including restrictive trade practices, contract law, professional registration and malpractice, drugs and poisons law and therapeutic goods law', 'Examine the means of resolving consumer dissatisfaction.']

GEN3062	<p>Evolutionary processes can be applied to help understand diverse topics such as biodiversity, invasive species, disease, mating systems, among others. This unit will describe how the four evolutionary forces, mutation, random genetic drift, natural selection and gene flow act within and between populations to cause evolutionary change. It covers quantitative genetic, genomic and experimental approaches to understanding the genetic basis of evolutionary change. The unit offers a combination of interactive lectures, problem based tutorials and laboratory practicals to explore theoretical concepts of evolution and their role in applied problems of the modern world.</p>	<p>['Understand the role of evolutionary processes in diverse biological contexts.', 'Define genetic diversity, explain how to measure it, and explain how the different types of genetic diversity influence evolutionary processes;', 'Explain quantitative, genomic and experimental approaches to measuring genetic variation and studying evolution in natural populations.', 'Illustrate how evolution by natural selection can be detected, and how evolution and genetic diversity are central to the successful management of biodiversity, invasive species and disease.', 'Demonstrate high-level skills in data collection, analysis and interpretation, and data presentation, and apply these in the preparation and presentation of scientific reports in written form and oral presentations.', 'Critically evaluate and summarise new discoveries from the scientific literature in the field of applied evolutionary genetics.']</p>
BTS3302	<p>This unit introduces value added tax (VAT) and includes an examination of the taxation of residents, sole traders, close corporations and companies. It also includes an examination of the tax implications of company distributions and donations. This unit is a requirement for those students following the route to the qualification of Chartered Accountant (South Africa).</p>	<p>['describe the rules and sections of the act regarding value added tax (VAT) and to apply them to calculate VAT in a variety of business transactions and practical scenarios', 'calculate the tax payable on individuals and businesses', 'differentiate between categories of business for tax purposes, such as sole traders, individuals, companies and close corporations', 'explain and describe how donations are taxed and calculate the tax payable in a given set of circumstances', 'explain provisions regarding dividends and apply the relevant principles in a given set of circumstances', 'apply critical thinking, problem solving and presentation skills to individual and/or group activities dealing with taxation and demonstrate in an individual summative assessment the acquisition of a comprehensive understanding of the topics covered in BTS3302.']</p>
MEC5888	<p>This unit examines the thermodynamics of renewable energy systems (principally solar, wind, tidal, hydro, biomass and variants of these); their efficiency; the design of such systems and their selection for differing environments around the globe; reliability of the energy source; trends in renewable energy systems; and the associated environmental and economic factors. The unit also examines the regulatory environment as a predictor for the uptake of renewable energy systems.</p>	<p>['Analyse and compare the efficiencies of current and research renewable energy systems', 'Design a renewable energy system for different sites in Australia and around the world based on renewable energy resource maps and predict the energy output from the system.', 'Predict the trends in development and deployment of renewable energy systems in terms of the regulatory, economic, and social environment.', 'Engage in regular self-assessment and peer-assessment of individual and team performance as a primary means of tracking continuing professional development.']</p>

BND4082	<p>This unit will be classroom based and develop student's knowledge of the foundations of public health and public health nutrition as a discipline. Students will explore the role of population nutritional intake and its relationship to health and the strategies and approaches at a population level that are effective in improving health, including legislation, policy, social marketing, community development, health education and screening. The focus of content will be on the practical application of the principles, theories and processes used to develop population based approaches to improving health through nutrition, with a focus on capacity building. This unit will prepare students for a practical placement in public health nutrition (BND4092).</p>	<p>['Describe the key health and nutrition issues affecting the Australian population and the political, environmental, social and economic determinants of these.', 'Apply the key steps in the public health nutrition intervention cycle and explain the importance of integrating capacity building within this framework.', 'Evaluate the role of public health policy in shaping public health nutrition practice.', 'Analyse the continuum of population based approaches for addressing nutrition issues and evaluate the level of evidence of effectiveness in improving health.', 'Evaluate a socio-ecological, systems based, approach to understanding and managing population nutrition issues.', 'Differentiate between effective and non-effective public health advocacy approaches.']</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>
DIS2906	<p>This unit introduces students to design for 'New Media'. It builds sequentially upon the skills and knowledge of multimedia imaging by providing a focus upon interactive multimedia and authoring. Students are introduced to a conceptual approach to interactivity, non-linear narrative, navigation, and graphical user interface controls. Technically, students will experiment with various software to develop content for multimedia applications. Students will develop skills in planning and organising content for multimedia publication.</p>	<p>['Recognise the conceptual and technical demands of producing multimedia content;', 'Creatively approach communication with 'new media';', 'Define, develop, plan and organise content for multimedia publication (ie. develop skills in storyboarding, flowcharting);', 'Apply and experiment with various software to develop, edit and compile asset materials for multimedia publication;', 'Explore the concepts of interactivity, non-linear narrative, navigation, and graphical user interface controls;', 'Apply a range of digital imaging, scripting and organisational techniques and concepts to project work;', 'Develop and produce a multimedia project negotiating aspects of interface design, media, animation and interactivity;', 'Work in a variety of roles required in the development and production of multimedia;', 'Understand and be able to apply the rules of occupational health and safety appropriate to the unit of study.']</p>

IDN2102	<p>Understanding and applying the principles of service design is an important part of a designer's repertoire of knowledge. 'Services' in this unit are defined as carefully considered human-centred experiences with objects, artefacts or places connected by a system or systems of use. Students undertake a project based approach supported by theoretical frameworks discussed in the studio. The unit takes case study examples of creating and organising the provision of a service and enables the student to then explore their own ideas. The practice elements of designing for services introduces the student to creating work flow charts, experience testing techniques, and information graphics to communicate ideas and realise solutions.</p>	<p>['Recognise, analyse and apply the elements and principles of service design;', 'Understand the nature of the service design process and apply methodical steps in their own projects;', 'Understand core concepts of manipulating the diverse creative elements of object / graphics / media and space to convey shared meanings;', 'Understand and communicate a range of techniques to exemplify service system design outcomes;', 'Observe and employ occupational health and safety appropriate to studio practice.']</p>
ATS3071	<p>This unit introduces students to a variety of French films, with particular emphasis on leading directors from the New Wave to the present. It aims to develop awareness of specific contemporary cinematic genres and styles, the interaction between films and their social and cultural contexts and different critical approaches to film. The unit covers social issues such as the malaise of youth, consumerism, urban problems, national identity, immigration and women's position in society. It is open to students from other disciplines without prior background in French, while enabling French studies students to use their skills in reading and interpreting the films and secondary sources.</p>	<p>['Understand, discuss and analyse different cinematic genres and styles of contemporary French cinema', 'Develop and express an understanding of the socio-cultural context of contemporary France', 'Understand, discuss and analyse the ways in which selected French films reflect on and interpret social and cultural issues in contemporary France', 'Develop an ability to engage with written and visual texts and to understand a body of critical writing in the field Additional objective for students in French', 'Develop a knowledge of specialist critical language in relation to film studies Additional objective for third year students:', 'Develop a deeper understanding of theoretical debates in the field of contemporary French cinema and culture.']</p>

LAW4244	<p>This unit focuses on the avoidance, management and resolution of construction disputes. It critically analyses the causes of conflicts and disputes, and the role that the construction contract plays. Students explore various dispute avoidance processes (DAPs) that can prevent conflicts from escalating into disputes, and examine various 'real time' dispute resolution methods that can be used during the course of a construction project to manage and resolve disputes. Students also explore the processes that are available for resolving disputes that remain outstanding after a project has been completed, including ADR, arbitration and litigation. Students will engage in comparative analysis of construction dispute resolution processes used in other jurisdictions. Students will analyse traditional and alternative ways of resolving construction disputes and learn to research and write on construction dispute resolution issues.</p>	<p>['be able to articulate and explain the causes of construction disputes and the factors contributing to the escalation of construction conflicts into construction disputes;', 'identify and distinguish between different types of dispute avoidance processes (DAPs) used on construction projects around the world and evaluate the pros and cons of each;', 'be able to explain the ways in which parties can engage in 'real time' resolution of construction disputes during the course of a project, and the legal ramifications of such processes;', 'be able to compare and contrast different ADR options available (mediation, expert determination, senior executive appraisal and early neutral evaluation) and identify the factors that influence the suitability of each for particular construction disputes;', 'be able to critically evaluate the use of arbitration for the resolution of construction disputes at both a domestic and international level;', 'be able to describe and outline the regulatory regimes governing domestic and international arbitrations of construction disputes;', 'be able to assess the judicial systems in place in Australia and other countries for the determination of construction litigation and the need for reform; and', 'be able to undertake scholarly research and write clearly, concisely and logically on the avoidance, management and resolution of construction disputes.']</p>
FIT5032	<p>This unit provides students with the knowledge, understanding and skills required to develop an application system which uses a web interface to a back-end database. The unit assumes a sound basic knowledge of programming and database concepts and skills as developed in the introductory units in these areas. The emphasis in the unit is on mastery of the key concepts and the basic knowledge and skills required to build this kind of application. The unit will provide students with an awareness of the wide range of technologies which are used to support this kind of application, but will examine only a limited number of these technologies to demonstrate the key concepts and their application.</p>	<p>['demonstrate the impact of the history of web applications development on current web-technology;', 'design, construct and publish web-database applications;', 'analyse and critique the key technological issues confronting developers building web-database applications;', 'test the key features of programming languages which are commonly used for developing web-database application;', 'assess the MVC design pattern and construct a web-database application using the MVC design pattern;', 'apply, analyse and critique a professional approach towards the development of web-database applications.']</p>
APG5733	<p>This unit aims to develop students' critical and analytical understanding of key ethical issues in patient care. The unit focuses initially on three main ethical principles, embodying the concepts of autonomy, beneficence, and justice. These principles are used to analyse and discuss a variety of broad ethical issues which arise in patient care, such as the allocation of health care resources, the justifiability of paternalism, breaches of patient confidentiality, in vitro fertilisation, and euthanasia. There is also some discussion of the role of health professionals, in relation to conscientious refusals to treat patients, and issues in family care giving.</p>	<p>['Use a rigorous framework of principles of health care ethics to analyse and evaluate ethical issues in patient care.', 'Think critically about the key concepts involved in those principles.', 'Make informed judgements about the ethics of certain patient care practices, and use argument to defend those judgements.']</p>

PAC3512	<p>The unit provides students with an experience in current aspects of research within the faculty and will provide students with an appreciation of the fundamentals of research philosophy and methodology.</p>	<p>['Critically engage with pharmaceutical research and practice literature, to identify appropriate processes and products for evaluating research results.', 'Critically define the approach to investigating and evaluating the research literature relating to the identified problem, and their contribution towards completing the group compiled research report.', 'Conduct detailed examination of comprehensive quantitative and qualitative research studies, evaluating the impact of these studies towards the solution of issues and challenges identified in pharmaceutical sciences and practice.\n\nStudents will develop these skills by', 'Participating in mentored group meetings and online discussions to analyse research questions and prepare a plan for investigating literature relevant to the question.', 'Ongoing reflective questioning of process and product within a group-facilitated working environment, including progressive self-evaluation of contribution to the process and product of group work.', 'Examination of research literature to determine breadth and depth of research literature examined, bias of interpretation, status of research conducted, identification of weaknesses and strengths of research studies and significance of data and conclusions.']</p>
ATS2633	<p>How have cities contributed to the progress of globalisation over the past two millennia? This unit analyses a series of major world cities, examining their histories, contemporary situation, and emerging or possible future development scenarios. The overarching theme will be the historical and contemporary role of cities as drivers of economic and social change, with a sub-theme around the idea of cities as centres of cultural interaction.</p>	<p>['have an understanding of the past, present and possible futures of a number of important world cities', 'have an understanding of the historical and contemporary role of cities as drivers of economic, social and cultural change', 'have an understanding of the contemporary and historical role of cities as places of cultural interaction', 'be familiar with the research skills and methods of urban scholars, including urban historians', 'have experience in working with a range of textual, visual and material urban research sources', 'have further developed their oral and written communication skills, including skills in writing for non-specialist audiences', 'In addition to the above, students undertaking the unit at level three will have demonstrated the ability to conceive and complete an independent research project around an urban theme.']</p>

NUR5112	This clinical unit will facilitate the transition of students into the Australian nursing workforce.	<p>['Develop and enhance fundamental knowledge, skills and attitudes to provide basic safe and competent nursing care in an Australia healthcare setting;', 'Demonstrate clinical competency, specifically in the areas of assessment, clinical decision making, standard of care, care planning and implementation, evaluation of care; and understanding of the organisational context in which the nurse practises;', 'Communicate effectively with health consumers, caregivers and other healthcare professionals and be able to build therapeutic and professional relationships;', 'Apply the principles of adult learning to identify specific learning needs related to the practice of nursing in Australia;', 'Evaluate the contribution of leadership, management, teamwork and interdisciplinary collaboration in the provision of quality nursing care;', 'Analyse a range of problem solving and time management strategies that enhance the organisation of clinical workload;', 'Incorporate and evaluate culturally and ethically relevant and age specific nursing interventions for clients across the lifespan;', 'Reflect critically on their own actions, professional role development and on the nature of nursing practice in relation to the management of clients' health situations;', 'Demonstrate evidence of continuing competence to practice as a registered nurse through the development of a professional portfolio;', 'Practise with increasing independence, in accordance with the Australian Nursing and Midwifery Council (ANMAC) registered nurse competencies; and', 'Apply a clinical reasoning process in the resolution of a number of example clinical nursing problems within the parameters of the registered nurses scope of practice.']</p>
MGZ5966	Management implications of major internationalisation theories; the planning requirements in going international and management issues that arise in an international setting.	<p>['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.']</p>

LAW4159	<p>The national and international laws applicable to international commercial transactions including the movement of goods, capital and services. The sale of goods and services by parties in one nation-state to parties in another (and the financing of such a contract of sale). The transfer of technology both from and to a nation-state through licensing and franchising. The establishment of foreign-owned means of production abroad through direct foreign investment and international joint ventures. Legal regimes and international treaties that regulate and impact upon international business transactions. The resolution of disputes that may occur in such transactions.</p>	<p>['Apply knowledge and understanding of the various views, including economic theories, concerning the rationale for and objectives of international commercial law with creativity and initiative to new situations for further learning;', 'Investigate, analyse and synthesise complex information, problems, concepts and theories in relation to the legal problems that arise from international business transactions;', 'Conduct research in the content of the main issues that should be addressed when negotiating a contract for the international sale of goods and services, the financing of international transactions, and the transport of goods internationally based on knowledge of appropriate research principles and methods;', 'Use cognitive, technical and creative skills to generate and evaluate at an abstract level complex ideas and concepts relevant to the law dealing with international contracts of sale, including the laws dealing with international payment of goods and the law relating to the contracts of carriage and insurance of goods. ']</p>
BMS1011	<p>This unit introduces the student to the chemistry of organic molecules and the biochemistry of cells. We examine the role of functional groups in biological molecules of biomedical importance and common reactions in metabolism. We reinforce concepts of ionisation and pH. We discuss the chemistry of proteins and their physical properties in solution leading up to an examination of enzyme catalysis and kinetics. This lays the foundation for an examination of the biological oxidation of fats and carbohydrates that provides the cell with energy. We examine the way energy is stored in times of plenty and relate our understanding to normal and disease states that occur.</p>	<p>['Identify the chemical and biochemical aspects of functional groups in biological molecules.', 'Explain the common reactions found in metabolic systems such as oxidation-reduction, bond formation, bond breaking events and a knowledge of the role of water.', 'Explain the role of equilibrium and kinetic processes in biology and apply these to the concepts of enzyme catalysis.', 'Predict the thermodynamics of metabolic reactions.', 'Describe how energy is generated and utilised from carbohydrates and lipids and integrate and translate this to different situations.', 'Investigate and communicate, reactions of biomedical importance in normal and disease states']</p>
TDN2001	<p>This unit introduces students to a range of sociological, anthropological and critical theories as applied to the production, consumption and exchange of designed objects, spaces, experiences and images. Students will develop their ability to analyse works of design from a range of theoretical perspectives and apply this knowledge to their own disciplinary contexts and practices.</p>	<p>['Understand and discuss key sociological, anthropological and critical theories of objects, spaces, experiences and images;', 'Critically discuss the systems of production, consumption and exchange that impact upon design;', 'Analyse works of design from a particular theoretical perspective, using the correct terminology and appropriate analytic emphasis; and', 'Present critical arguments in an informed and articulate manner, whether spoken or written;', 'Relate and apply theoretical content to own practice. ']</p>

BFF5021	<p>The management of risk is a multi-dimensional activity that entails a range of disciplines and thought processes to ensure that resilience is created and maintained within the firm. There needs to be an understanding by business students of the range of activities and events that can be exposed by the application of risk management techniques and processes. This unit includes detailed analysis of a series of case studies drawn from real life events that encompass the holistic nature of risk within a firm and/or society. If appropriate, they may be presented and discussed by an industry practitioner. The unit is designed to bring all facets of the specialisation together.</p>	<p>['develop analytical and diagnostic skills and in particular enhance an ability to analyse and resolve problems of practical importance', 'analyse situations and scenarios by reference to case studies relating to risk management and articulate a response in an effective manner', 'gain experience in a controlled environment in skills needed for practical implementation of risk management policy within a corporate setting', 'decide on response tactics ranging from qualitative to quantitative as appropriate', 'categorise degrees of risk and respond to risk situations, justify responses to various set situations using the matrix approach and emphasise the relationship of risk factors and scenarios to risk practitioners and various guest speakers', 'work in an individual and/or team environment and develop the ability to project and defend a point of view in a constructive manner', 'demonstrate in an individual summative assessment task the acquisition of a comprehensive understanding of the topics covered by BFF5021.']</p>
BEX5850	<p>Mathematical preliminaries; static optimisation theory; introduction to calculus of variations and optimal control theory; necessary and sufficient conditions; investment theory: costs of adjustment, neoclassical, Q theory; consumption theory; use of duality theory; growth models; Hamilton Jacobi theory; discrete time stochastic models; selected current applications.</p>	<p>['understand the theories of static optimisation, including the first and second order conditions for the multi-dimensional case', 'analyse mathematically how changes in the economic environment affect economic agents' optimal decisions', 'analyse dynamic optimisation problems faced by economic agents', 'develop students' ability to access frontier research in economics that routinely makes use of many mathematical concepts in optimisation theories."]</p>
MEC6882	<p>Advanced instrumentation and sensing necessitates a multi-disciplinary approach in order to monitor engineering systems as diverse as renewable energy, aerospace, buildings, transportation, telecommunications and biomedical devices.</p>	<p>['Identify and recognise the role of instrumentation and monitoring in the product design cycle.', 'Analyse examples and case studies including those from high-reliability industries.', 'Synthesise data from a range of instruments and sensors to report on performance against standards.', 'Appraise errors in the context of system monitoring.', 'Generate simulations of representative systems and analyse system performance.', 'Apply problem-solving techniques and analyse faults in terms of root cause analysis.', 'Conduct regular self-assessment and peer-assessment of individual and team performance as a primary means of tracking continuing professional development.']</p>

AZA4810	<p>The unit explores the emerging international framework for civil and human rights since 1945. The relationship between universal notions of justice and differences of gender, culture and belief, and potential differences between local and global understandings of 'rights' are looked at through an African lens. Specific issues such as women's rights, freedom of speech, capital punishment, economic justice, unfair trade, poverty, and migration are discussed within the framework of African-specific case studies. In addition, the unit examines the development of global movements and organisations, new technologies and tactics of protest and the formation of virtual communities of activism.</p>	<p>[a comprehensive understanding of the key intellectual and political debates about the nature of justice, civil rights and human rights on a global scale, as well as the relationship between universal notions of justice and rights and arguments about difference and diversity;], 'a thorough grasp of the key differences and similarities in the arguments, objectives, strategies and outcomes of significant campaigns for justice and rights during the twentieth and twenty-first centuries, of the links and tensions between local and global campaigns and movements, and of the development of global civil and human rights frameworks;', 'knowledge of the unique challenge that political and cultural debates in Africa pose to the development of civil and human rights frameworks.', 'strong skills in the critical reading of a variety of texts, including contemporary documents, polemical literature and campaign material, the academic scholarship based upon those texts and the theoretical and conceptual debates about justice and rights;', 'strong skills in critical oral and written assessment of the academic scholarship, including methods, assumptions and uses of evidence, and in organising and defending a verbal and written argument based upon those assessments;', 'a capacity to devise, plan and successfully complete a detailed case study, including significant documentary research, that evaluates the significance of a particular campaign, organisation or issue; and', 'a capacity to reflect upon and make critical use of a range of resources including, where relevant, on-line materials, film and visual images.']</p>
EAE5021	<p>Dynamical meteorology concerns itself with the causes of atmospheric motion. The unit begins with a scale analysis of the equations of motion for mid latitude weather systems, which leads to the most important theoretical development modern meteorology - the quasi-geostrophic theory. This theory and its generalisation, is used to explain Rossby waves and their interaction with the mean state, the development of extratropical cyclones, the causes of vertical motion, and the structure and evolution of cold fronts. The theory for gravity waves is developed also.</p>	<p>['Understand the dynamical principles governing the fluid flow in a rotating frame of reference;', 'Apply these principles to explain the dynamics of many common mid latitude weather systems;', 'Demonstrate a high level of knowledge of the important mathematical techniques used to solve problems in mid latitude dynamics;', 'Read, understand and critically analyse the scientific literature on mid latitude dynamics.']</p>
MKF5251	<p>Using the case study method this unit provides an analytical framework from which students can explore how marketing strategy is applied to a variety of organisations within the context of contemporary and emerging issues. Students will be taught how to analyse, evaluate and implement marketing strategy. As this is the capstone unit in the Master of Marketing degree course, a theoretical grounding in the earlier core marketing units is essential for students undertaking this unit.</p>	<p>['integrate the theoretical and functional aspects of marketing (and other business disciplines) into a practical problem-solving framework', 'analyse information supplied from a case and identify the core marketing problem', 'design, evaluate and recommend marketing strategies that solve the identified core marketing problem', 'develop personal communication and discussion skills.']</p>

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.']
BEX6013	This unit introduces doctoral candidates to the current research issues and empirical tools in the area of banking. This unit will cover theoretical and empirical papers as well as introduce students to banking related databases and the main methodology required to conduct high-level banking research.	['acquire knowledge of contemporary issues in financial institution research', 'critically evaluate current theoretical and empirical research in financial institution research', 'develop analytical skills via understanding the intuition and logic behind theoretical and empirical research in financial institution research', 'effectively convey ideas in writing and speech', 'demonstrate comprehensive understanding of the topics covered in this course']
CDS2522	This unit introduces students to physical computing as a creative endeavour. Simple computers called microprocessors can sense all elements of the physical world including light, sound, heat, vision and motion. The data collected from these microprocessors can be reinterpreted and creatively expressed in software as images, animation, simulation, visualisation, video, sculpture and sound. Artists, designers and architects use this data to create new forms of expression and communication.	['Understand the basic function and design of electronic components;', 'Create new forms visual and auditory expression using physical computing;', 'Recognise basic micro-processor functions and the relationship microprocessors have with other electronic protocols;', 'Apply the concepts and principles of designing and controlling electronic components, from concept to implementation, to express unique and engaging forms of visual, sculptural and auditory communication;', 'Produce design specification documentation applicable to electronic circuit design and construction;', 'Discuss the unique characteristics physical computing has in art, design and architecture and the context of physical computing in contemporary culture;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']
TAD4503	This unit aims to help students develop their knowledge and understanding of various key theoretical writers and concepts relevant to advanced studies in contemporary art. Prevailing critical theories and terms are outlined in order to open up research venues considered particularly productive for the art researcher's own personal directions. The unit is designed as a training for independent research and encourages students to investigate a wide range of ideas circulating in contemporary visual culture.	['Be aware of current discourses in a range of disciplines which bear on contemporary artistic production;', 'Be able to pursue critical arguments with a sense of their ideological relativity;', 'Assess the bias of an investigative method, considering gender, class and ethnicity;', 'Understand methodology as a critique of method and be able to practice criticism in their chosen field;', 'Identify assumptions inherent in the formulation of critical questions and cultivate caution against prejudicing the outcomes of research by foreclosing on the terms of inquiry;', 'Be ready to explain the basis of art works not merely as the outcome of practical constraints but the expression of cultural values.']

ATS2226	The unit will consist of two integrated and complementary sections: Culture and Language.	['utilise grammatical concepts and vocabulary at a level equivalent to B1 of the European language framework;', 'competently communicate at a level equivalent to B1 of the European language framework;', 'analyse and discuss the interrelation between history and cultural production in 20th century Italy;', 'critically and creatively analyse cultural texts of historical relevance.']
ATS2769	The unit provides students with a fundamental understanding of what English as an international language (EIL) is, and allows students to conduct a small-scale project on topics of their interest in the area of English as an International Language. Students will also have the opportunity to learn and critique current issues and research in English as an International Language. This unit provides students with relevant knowledge and skills in doing EIL research related activities and an advanced understanding of how English operates as an international language in multilingual and multicultural contexts.	['define and describe the discipline of English as an International Language (EIL);', 'explain how English as an International Language operates in multilingual and multicultural contexts;', 'discuss current issues and research in English as an International Language;', 'utilise research skills to undertake a short, independent research project.']
ATS1304	Employing textual criticism, critical theory and theories of political economy, this unit will introduce a variety of approaches to the study of television. It will consider the phenomenon of television through a critical approach to the forms specific to broadcast television through an understanding of recent theories relating to popular culture. These include issues of history, genre, context, consumerism and audiences. Attention will also be given to the cultural and economic forces that shape and are reflected in the structuring of television programs and networks.	['identify and discuss the histories and conventions of television genres;', 'identify and explain changing narrative forms in television;', 'describe approaches to examples of Australian and international television;', 'explain changing delivery platforms for television and the ways contemporary television seeks new audiences;', 'critically evaluate screen theoretical approaches and employ them to make arguments based on close textual analysis of television programs;', 'critically reflect on and synthesise screen theoretical approaches and communicate this in written, oral and audio-visual form.']
AHT2120	This unit looks at key moments in history in which art and artists have actively strived to generate social change. With a particular focus on the late 20th and 21st centuries, Art and Social Change critically explores the dynamic sites in which art, life and activism intersect. Diverse contexts and artistic practices will be examined. Topics include the use of art in political propaganda, culture jamming, identity politics, indigenous art and politics, the environment, art and the impact of global terrorism, and critiques of the art world itself. These thematic weekly study topics will be complimented by discussions of theory from key writers and theorists in the field.	['Have developed an appreciation for the diverse ways in which artists have intervened in the social world since the modern period;', 'Approach art history with an appreciation for the social and political forces that inform art practice;', 'Be able to analyse activist art critically in a manner that reveals the strengths and weaknesses of different artistic approaches;', 'Be familiar with the key political philosophies that have informed the production and reception of politically motivated art;', 'Be able to express verbally and in writing critical points of connection between art and social change;', 'Understand the links between practice, theory and spectatorship in activist art.']

ATS3634	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.	[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.']
ATS3912	This unit provides an opportunity for in-depth study of a specific non-Western performative culture or group of practices, or a tradition outside the scope of mainstream theatre. The practice(s) will be analysed in their social and cultural context, with consideration, where appropriate, of historical, spiritual, functional, aesthetic and performative roles and qualities. Methodologies and concepts of Performance Studies will be given practical application.	[have performed an in-depth study of a specific performance tradition or group of practices from a non-Western culture or a tradition outside the theatre mainstream;', 'display applied understandings of the main concepts of Performance Studies;', 'demonstrate an understanding of the possible varieties of relationships between cultures and their performances;', "develop a sense of the cultural relativity of their own and others' everyday practices, becoming more open-minded and understanding of the diversity of cultural practice;", 'have demonstrated an ability to understand and/or employ techniques of ethnographic writing.']
DGN3108	In this unit students will be introduced to design practice for social impact. The unit will establish the historical foundation for and contemporary proliferation of design engaged in social impact work. A project-based studio, students will collaborate with external partners working in spaces of social impact, such as health, urban safety wellbeing organisations or similar on specified design projects. Using design skills, processes and technologies they will engage in research, including user-centred and ethnographic approaches and prototyping. They will be challenged to make, visualise and present design interventions that aim to have positive impact on society. The unit will problematise ideas of design "solving problems" and highlight the complexity of social impact. Students will understand the value of collaboration and partnership as being vital to design practice. The interdisciplinary topic and praxis approach of this unit includes, but is not limited to, spatial design, digital media design, interaction design, communication design, service and product design.	[Evaluate and communicate the implications, potential and limitations of design as an agent for social change;', 'Propose and present ethical and responsible design concepts;', 'Understand the significance of collaboration as part of interdisciplinary teamwork in co-creating complex design solutions for social enterprise or innovation;', 'Demonstrate understanding and appropriate application of multi-modal design research methods, including ethnographic approaches, towards a design proposal;', 'Demonstrate skills for visualising and prototyping complex design solutions in the area of social design;', 'Critically analyse and evaluate the social impact of design solutions;', 'Understand and apply the rules of occupational health and safety appropriate to the unit.']

APG4681	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.	['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.']
BMA2901	Processes of disease will be presented in the form of case studies, in which an analysis of the disease process will lead to an understanding of the presentation, and opportunities for management, of that disease. The major areas of study are: Disease at the cellular level, Cardiovascular disease, Respiratory disease, Cerebrovascular disease, Neoplastic disease, Renal disease, Disorders of the digestive tract, Liver disease, Endocrine disease, Genetic disease, and Bone and joint disorders.	['Describe the major causes of cell damage and responses to such damage;', 'Explain how cell, organ and whole-body functions are affected by various disease processes;', 'Demonstrate an understanding of pathological processes in selected genetic diseases, and explain the modes of inheritance of those diseases;', 'Develop skills in the observation, presentation and critical evaluation of clinical data; and', 'Relate the above accounts of disease processes to the presentation of relevant diseases, and discuss rationales for their management.']
APG5881	Students will undertake in-country study at the institution with which Monash University has an exchange agreement. This study will be the equivalent of 12 points of fifth-year postgraduate study in Arts at Monash University in the form of 5th year unit(s) offered by the host institution in the domain of translation studies.	['NA']
SON5022	Sonographic scanning methods, standard protocols and interpretational skills for recognition of sonographic appearances of normal anatomy, anatomical variants and disease processes associated with the female pelvis, the scrotum and its contents. Appreciation of when to modify standard approaches to the clinical question and patient presentation and recognise limitations of ultrasound in relation to other medical imaging and laparoscopic examinations of the reproductive system.	['identify, describe and justify the selection of imaging parameters, equipment and transducers, infection control measures and consent protocols for sonographic examinations of the female pelvis and the scrotum;', 'perform routine transabdominal and transvaginal scanning of the female pelvis and routine sonographic examinations of the scrotum safely and to a standard and ethical conduct expected of a competent sonographer;', 'identify and describe the normal and abnormal sonographic appearances of the male and female reproductive systems and related artefacts;', 'recognise when modifications to routine scanning approaches are required and describe the limitations of ultrasound in regards to imaging the male and female reproductive systems;', 'implement Spectral, Colour and Power Doppler techniques where appropriate in ultrasound imaging of the male and female reproductive systems;', 'describe and implement quality assurance principles to sonographic imaging of the male and female reproductive systems.']

AHT3025	<p>This unit concentrates on the artist's body in art, including photography, performance, painting, sculpture, video and multi-media art. It will consider examples from the history of 20th century art but will focus primarily on art practice since 1960. The unit will deal with issues of identity, gender, sexuality and difference, drawing on performative theories of subjectivity. It will look closely at experimental art practices and how these practices have sought to close the gap between art and life; from the Happenings of the 1960s, through the body art of the 1960s and 70s, to relational aesthetics, and flash mob performance works in the 2000s. The unit will investigate live action in contrast to represented action, and will consider the live action and its remediation in video, digital art and film.</p>	<p>['Developed a detailed understanding of contemporary, experimental art and performance practice which centres on the body;', 'Developed a working knowledge of the key debates and theoretical dialogues that have occupied artists and critics in relation to performativity in art;', 'Developed skills in visual and critical analysis that can be applied to the investigation of the body and its performativity in art;', 'Acquired the ability to research and write from an informed position about the body in contemporary art.']</p>
EAE3540	<p>A three-week field camp during the mid-year vacation, the unit aims to teach the skills of geological mapping in a classic field location of Australian geology. The emphasis will be on observing, recording, and interpreting geologic phenomena in the field. Students will draw on a theoretical background of lectures and laboratory studies in first, second and third-year geology to analyse real rocks in the real world. Students will use their observations and interpretations to construct geological maps and cross-sections and determine the geological history of a complex poly-deformed terrane.</p>	<p>['Observe and interpret the distribution of lithologies and structures in the field.', 'Describe the basic concepts of field mapping techniques.', 'Produce a geological map and cross-sections from field observations.', 'Determine the relationship between structure and metamorphic assemblages.', 'Visualise complex three dimensional geometries.', 'Unravel the geological history of one of the most complexly deformed terranes on the planet.', 'Determine overprinting relationships from field geology.', 'Communicate results in a written report.', 'Work in a team environment and communicate of results with peers.']</p>
BEX5900	NA	['NA']
BEX4690	<p>Topics include the gains and costs of trading internationally; static and dynamic welfare effects of protection; the political economy of international trade policy; optimum policies in the presence of market power, uncertainty, and other market imperfections; trade policy instruments; strategies for trade liberalisation including regional trade agreements.</p>	<p>['be able to analyse the effects of international trade on real income and its distribution in various market structures', 'have a sound understanding of the allocation and welfare effects of commercial policies', "possess the skills necessary to evaluate critically contemporary innovations in Australia's trade policies."]</p>

APG4618	<p>This unit functions as an advanced introduction into the world of historical research. It introduces students to some of the common problems and issues as well as key debates that confront all historians working with different types of primary sources. It explores the many ways in which the past is constructed through the production of history by challenging students to think about what history is, how different lenses inform our reading and making of histories, how and where different genres of primary sources can be found for a resourceful historian of the 21st century, and how these sources can best be used in shaping an intellectually rigorous dissertation.</p>	<p>['Have a deep understanding of the key debates that have taken place on the nature of history as a practice up until the present day', 'Recognise the different theoretical approaches or lenses (such as Marxist or Feminist) through which historians make history, and reconcile that with their own approaches to writing history', 'Develop the capacity to identify and access various repositories (such as digital libraries) to locate primary sources for their research', 'Become familiar with good practice in organising their primary sources, such as note-taking strategies, and reading and using different types of primary sources effectively in their work', 'Develop an understanding of how to use quantitative sources effectively in history-writing, as well as how to effectively make quantitative judgements in their research', 'Have an appreciation of how archival sources, material culture, autobiographical sources, and audio-visual sources can be used effectively in research', 'Have further developed their oral and written 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>
MCE5205	<p>This unit allows students to apply the practical skills and knowledge they have acquired in Semester 1 to design and execute a research project. Collaborating with others, students will follow the standardised methods of scientific enquiry to look for gaps in our current understanding of a subject area, propose appropriate experimental design, develop experimental methods to test their hypotheses, statistically analyse their findings and report these findings in a globally accepted format that could be considered for publication.</p>	<p>['Demonstrate research laboratory practices in reproductive biology', 'Use appropriate statistical tools to analyse data in reproductive sciences', 'Present research findings through both oral and written communication', 'Create effective written communications to express ideas within the standardised scientific format.', 'Work effectively as a scientific team to solve a problem', 'Reflect on the experimental process and on group participation and learning']</p>

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']
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.']
MGX5890	This program aims to provide an opportunity for students to experience the diversity of contexts for doing business in Asia. The program will focus on the influence of diverse cultures, politics, institutions and local practices, and their impact on business decisions and managerial behaviour in Asia. The two-week program comprises on- and off- campus seminars and company visits in two or more Asian countries. The program will take students to meet with business and government leaders, conduct company visits and discuss business practices.	['examine the cultural, political, and institutional issues that influence the business activities in the selected countries', 'critically analyse the impact of the cultural, political and other institutional influence on company's strategic decisions as well as other management practices', 'apply the basic theories and concepts in managing multinational firms in the international companies we tour and analyse both congruency and discrepancy between theories and real practices.']

ATS2757	<p>On 13th September 2007, the UN General Assembly adopted the United Nations declaration on the Rights of Indigenous Peoples. Described as "a triumph for justice and human dignity" it is the culmination of more than two decades of activism by Indigenous peoples globally. This unit examines why this Declaration was needed, how local activism has become global, how these macro decisions have an impact on the lived realities of Indigenous nations, their sovereign rights and struggles for justice. This landmark Declaration alerts us to the interconnections between Indigenous and non-Indigenous peoples, geographies, ecologies and colonisations. Reflections on your personal relationship to issues and their significance to global society will form the basis of your engagement with this unit. Taught through a blended learning style of online content and face-to-face workshops, this unit will offer a range of topics including, but not limited to introductions to the diversity and complexity of Indigenous nations, cultures and languages, understanding colonial histories, rights to country resources and knowledge, cultural and spiritual identity, and implanting the declarations through decolonial ethics.</p>	<p>['identify and explain the ongoing significance of Indigenous struggles for justice in the face of continuing coloniality;', 'critically analyse concepts relating to Indigenous knowledges and their relevance for the survival of humanity;', 'discuss notions of coloniality and Indigenous cultures, histories, languages, geographies, ecologies, identities, agency, traditions and practices;', 'critically reflect on their own connection to critical Indigenous and global issues;', 'articulate their learning in respectful, culturally appropriate and sensitive ways.']</p>
VPR1012	<p>This is a core unit in the Visual Practices sequence, and is one of four 1st year units. This unit provides students with a further exploration of a broad range of approaches to production methodologies in contemporary visual art for those wishing to work in the arts industry. Topics are delivered in an intensive series of workshop environments and will include experimentation with a range of materials, techniques and conceptual approaches. Students will be encouraged to develop inventive solutions to a series of projects set around a variety of themes and concepts appropriate to each workshop. Teaching methods involve technical demonstrations, critical dialogue, class discussion and evaluation. Safe and sustainable approaches to fabrication techniques and materials are promoted as core values in the unit.</p>	<p>['Draw from their experience through different disciplines in the semester and previous VPR units;', 'Develop conceptual solutions to projects set across a range of fine art media;', 'Experiment with production methods of various mediums used in contemporary visual art practices;', 'Apply strategies of observation, analysis and experimentation across the developmental process;', 'Understand and utilise interdisciplinary approaches across contemporary visual art practices at both individual and collaborative levels;', 'Contextualise their work and its material rationale within a broad field of contemporary visual art practices;', 'Understand and apply the rules of occupational health and safety appropriate to sustained independent studio practice and in order to collaborate safely with peers.']</p>

MDC5220	<p>This unit advances the student's knowledge gained in Multimedia Design Studio 1 (MMD4001Not offered in 2019) and places a strong emphasis on digital experience design. Particular importance is placed on the role of interface design, interactivity, virtual space and storytelling in multimedia design, including the skills and techniques to use these elements across a range of media platforms. Students undertake project work that explores a wide range of design processes, technical skills and conceptual models involved with the production of interactive media. Individual's specialist skills and folio preparation will also be covered.</p>	<p>['Critically approach problem-solving, embracing current technological and philosophical developments in multimedia design;', 'Analyse digital media design, and identify the various multimedia elements and authoring techniques used;', 'Understand and have the ability to analyse the benefits and constraints of different media delivery platforms for multimedia design, including digital video, the internet, site-specific installation and other technologies;', 'Further develop creative and specialist studio skills specific to multimedia design;', 'Produce multimedia design prototypes by applying a range of design problem-solving methodologies, multimedia design and technical skills to respond to challenges;', 'Develop a self directed approach to the development of multimedia design works, utilising independent research and evaluation methods;', 'Understand the specialised roles identified in the multimedia design industry, and identify which role best matches their set of skills, and;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']</p>
PAC4482	<p>This unit builds on the knowledge and skills developed in the BPharm course. This unit is predominantly conducted through group project work to provide the necessary skills for Continued Profession Development, improve oral and written communication and literature search and evaluation skills. It includes an online moderated discussion group to manage complex patient issues and to familiarise students with the teaching and learning approaches utilised in the Monash Intern Training Program. Students will perform a number of tasks which will help with the development and assessment of communication and clinical problem solving skills, critical thinking skills and develop their skills in decision-making and case-presentation.</p>	<p>['Retrieve and evaluate information on a range of pharmacy research related topics and present information in a coherent manner in both written and oral forms;', 'Communicate effectively to peers and work in a team to achieve a common goal;', 'Identify and analyse therapeutic management problems in complex patients with multiple disease states and determine appropriate monitoring regimens and management options that demonstrate the principles of evidence-based practice and quality use of medicines;', 'Formulate an appropriate management plan for a patient based on the use of drug and non-drug therapies;', 'Recognise when referral for medical assessment is required with a particular emphasis on cardinal symptoms;', 'Communicate effectively with patients, carers and health professionals to identify drug therapy or illnesses or disease state management problems and recommend appropriate management options and resolutions of those problems']</p>

FST3820	Food preservation deals with the methods of prevention or retardation of microbial, chemical and physical degradation of foods, while maintaining their nutritional quality, flavour and consumer appeal. Students will gain a theoretical and practical understanding of the scientific basis of the various traditional, modern and novel methods of food preservation for distribution and storage. Practical, cost-effective and safe preservation techniques to extend the shelf-life of foods will be discussed.	['Demonstrate theoretical and practical knowledge of the various ways that foods may be preserved including thermal and non-thermal processing;', 'Explain the scientific basis of the various preservation techniques and to be able to apply the appropriate preservation techniques for different foods;', 'Select the appropriate packaging for different foods with consideration of the use of resources, packaging stability and food safety;', 'Determine shelf life for foods subjected to different preservation techniques, and be able to locate and appraise appropriate legislation and authoritative guidelines relating to shelf life extension;', 'Demonstrate an understanding of how regional culture may affect acceptance of different preservation techniques;', 'Demonstrate advanced scientific report writing and team work skills.']
BFF5954	This unit covers corporate finance concepts and theories at an introductory level. Students will be expected to be able to master basic calculations involving share and bond valuations, NPV and IRR, company cost of capital, etc. and to use them in determining whether investment projects should proceed as well as the value of companies. They will also be expected to be able to interpret the results and to discuss basic issues and theories appropriate to an introductory level unit.	['value financial instruments including debt and equity instruments using financial models and financial mathematics', 'explain and critique the theory of capital markets', 'evaluate firms' investment project decisions using capital budgeting techniques', 'describe and critique firms' financing and payout decisions', 'identify and explain firms' financial risks and how firms can manage financial risks using risk management techniques.']
ATS3582	This unit will provide an historical analysis of the changing dimensions of the Arab-Israeli conflict from its origins to the present day. Themes to be studied include Jewish-Arab relations under the Ottoman Empire and British Mandate, the emergence of Jewish and Palestinian nationalism, Zionist ideology, the impact of the Holocaust, the birth of Israel in 1948 and the Palestinian refugee crisis, war, the status of the West Bank, Gaza and Jerusalem, the rise of the PLO, the Intifadas, terrorism and counterterrorism. In tutorials, students will simulate the politics of negotiation by engaging with documents that have attempted to forge a peaceful end to the conflict.	['Understand the competing narratives and claims of all parties to the conflict and how the past informs current perceptions of the conflict', 'Be able to describe the historiographical debates about the history of the conflict', 'Have a knowledge of the broader regional and global implications of the Arab-Israeli conflict', 'Be able to analyse how key documents framing the conflict have been contested by different parties and political streams', 'Have the ability to interpret the role of the media in shaping perceptions of the Arab-Israeli conflict.', 'To distinguish between different schools of thought in current historiographical debates about the conflict.']
GLS1211	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.	['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.']

ATS3007	This unit will introduce students to a range of texts of different genres in contemporary Chinese. Students' ability to understand contemporary China and their skills of speaking, listening and writing will be further developed through reading, translation practice, essay-writing and other activities.	['General knowledge that will enhance their understanding of contemporary Chinese culture and society.', 'The ability to comprehend and express complex ideas in both spoken and written forms, consolidating skills already acquired in Chinese proficient.', 'Strategies of cross-cultural conceptualisation, incorporating translation skills, crucial to critical thinking on a range of cultural and social topics concerning contemporary China.']
CIV6887	This unit will equip the learner with the knowledge and skills necessary to use the latest condition monitoring techniques and to design appropriate retrofits to alleviate common problems with ageing infrastructure systems. Smart monitoring techniques of localized and dispersed systems will be introduced. The condition assessment and forensic analysis of problem infrastructure will be complemented by knowledge on rehabilitation techniques. This unit will provide advanced technical knowledge to allow the graduate maintain an existing infrastructure system for future generations.	['Assess the condition of existing infrastructure and noting the commonly observed problems.', 'Design and interpret a smart monitoring strategy to assess the condition of ageing infrastructure.', 'Describe and apply appropriate rehabilitation techniques for common infrastructure systems.', 'Predict the remaining life of an infrastructure system, given condition assessments and monitoring results.']
ATS1319	The unit provides a broad overview of major developments in Asia across the past two hundred years with a particular focus on Asia's place in the world today. It considers Asia's historic role at the centre of the global economy, its encounter with the West and the forces that reshaped the region. It focusses especially on areas of Asia such as China, Korea, India, Indonesia and Japan. The goal of the unit is to provide students with a solid basis of knowledge in the history of the region, either as the foundation for further studies on Asia, or as an important complement to their Asian language studies.	['recognise and discuss some of the historical trends that have shaped the development of the region over the past two hundred years;', 'explain how different societies function and change over time;', 'evaluate debates about 'imperialism', 'colonialism', 'race', 'gender', 'modernisation' and 'globalisation';', 'critically evaluate primary and secondary sources;', 'use 'evidence' to construct an 'argument' as they develop scholarly writing skills;', 'reflect upon what we can learn from studying and 'representing' past events and episodes."']
GRS4102	The development and differentiation of the male and female reproductive systems and potential disorders are examined in this unit. Cellular and whole organ events involved in gonadal development and function are taught, using comparative animal models, and differences between the male and female, to highlight these events.	['Explain apoptosis and its role in reproduction', 'Define the concepts underpinning sex determination in animals', 'Describe embryonic stem cells and the male and female germ cell lineage', 'Explain gonadal development and differentiation', 'Contrast the development and differentiation of the male and female tract', 'Identify disorders of sex determination']
PHA3801	The main theme is an introduction to drug use in our society. The following topics will be covered:	['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.']

ATS1191	ATS1191 is aimed at students with no previous experience of the Spanish language. It provides an integrated, innovative and communicatively oriented Spanish course which develops all-round competence in the basic structures of the language. In addition, students are introduced to key aspects of Spanish and Latin American cultures and societies.	['Converse in Spanish for 5 to 10 minutes about present and future activities.', 'Use the following tenses: the present habitual, the present progressive and the informal future.', 'Write compositions of up to 100 words in Spanish, with the help of a Spanish-English dictionary and a reference grammar.', 'Engage in conversations and discussions in Spanish, about themselves, their family and friends', 'Read and comprehend texts in Spanish of up to 500 words;', 'Demonstrate an understanding of key aspects of Hispanic cultures and societies.']
MMD3308	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 upon 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.	['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.']
FIT5129	Enterprise networks are highly complex infrastructures that demand correct management practices in planning, operations and security. Significant challenges arise from the scale of operations required as well as the increasingly common incidents of intrusion, sabotage, espionage or data theft, and vandalism. The unit will provide students with practical foundations in planning secure networks, policy-based operations and the implementation of security. Students will also be introduced to best practices in dealing with security breaches. Practical skills will be acquired through lab activities and case studies (projects).	['explain critical factors of enterprise security planning, operations and management;', 'perform risk analysis and assessment;', 'provide practical security policies, strategies and implementation plan for enterprise systems.']

ATS2791	<p>This unit provides a detailed exploration of the main sub-editing, editing and design practices for print and online media. It explores a range of genres, styles and modes of address in contemporary usage for newspapers, magazines, and websites. It critically considers the implications for journalists of different modes of audience and demographic engagement. Students will bring editing and design skills together in a personal media project. Please be aware that access to certain technology/equipment will be required for this unit. Contact the unit coordinator for details.</p>	<p>['demonstrate an ability to commission written reports, edit and lay-out print and visual material for publication in print and online media;', 'demonstrate an ability to sub-edit in a clear, concise, accurate way in a variety of narrative genres;', "identify, observe key ethical and legal obligations associated with feature journalism, and reflect critically on their own and others' performance in this regard;"; 'work independently and collaboratively in learning and production processes, including online forums, to produce edited reports;', 'demonstrate an ability to set and meet deadlines, and edit under pressure;', 'demonstrate an awareness of local, national and international people and events relevant to current issues and media issues. ']</p>
NUT5001	<p>This unit uses chronic disease as the foundations and basis for dietetic students to develop their core dietetic practice assessment, counselling and management skills. There is an emphasis on person centred care and simulation provides a key platform for learning in this unit. A formative Objective Structured Clinical Examination (OSCE) sits within this unit to assist students' readiness for placement. Students are introduced to the healthcare system and a range of health care settings via an introductory clinical placement. This aims to commence the application of the nutrition care process, the use of food as a therapeutic tool, clinical reasoning, reflection and advanced communication and interpersonal skills required for dietetic practice. Attendance at this placement is compulsory. This unit supports students' progression towards entry level competencies in individual case management in the healthcare setting. Placement may take place outside of regular semester times. Students must have valid police check, WWC check and immunisation certificates in order to participate in clinical placements</p>	<p>['Apply and integrate knowledge of chronic disease into nutrition assessment and management plans using case based learning, simulation and placement experience in the healthcare environment.', 'Employ core dietetic practice skills - including interpretation of data, collection and analysis of dietary data, nutrition assessment, communication and intervention strategies to formulate and evaluate the elements of effective client centred nutrition care planning and delivery.', 'Apply knowledge and experience in a healthcare setting to begin practicing safely and professionally both autonomously and as part of the health care team.', 'Integrate a comprehensive knowledge of food diversity and food composition into dietetic practice.', 'Incorporate nutrition counselling theory and a range of communication strategies in developing practical, relevant and targeted nutrition interventions for various audiences.', 'Utilise reflection, professional and personal communication and teamwork skills to assist in critical thinking and problem solving skills.', 'Synthesise and communicate to peers key findings from the scientific literature and their relevance and application to nutrition and dietetic practice']</p>
BEX3600	<p>This unit is a pilot for the capstone unit for the Bachelor of Business Administration and, as such, draws together the learning and experiences gained from previous BBA units. The unit provides students the opportunity to demonstrate being critical and creative scholars and responsible and effective global citizens, and to analyse and provide and communicate multidisciplinary solutions to a current issue in business administration via a team-based approach.</p>	<p>['NA']</p>

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>
MPH5265	<p>Review of legal management principles related to health care by examining common law principles and statutes. Examination of the Australian legal system, including the Coroner's court, with an emphasis on Victorian and Commonwealth cases and statutes. Focus on key areas of medical and health law such as negligence consent, privacy of health information, clinical research, abortion, euthanasia, mental health, infectious diseases, health complaints and law for health facilities such as hospitals.</p>	<p>['Analyse critically, reflect on and synthesise the sources of law relevant to the management health care organisations.', 'Research and apply legal principles to handling complex clinical situations.', 'Interpret and synthesise the applicability of legal reviews and reports to health care management practice.', 'Interpret and transmit knowledge and complex health law principles to health care managers and non-specialist audiences.']</p>
LAW4173	<p>This is a program of individual research and writing on a legal topic or project which has been approved by the Chief Examiner after consultation with the proposed supervisor. The topics or projects may be associated with opportunities for placements or internships in legal services in the private or government sectors, in Australia or overseas.</p>	<p>['Learn and work with autonomy, accountability and professionalism through a largely self-directed research project or practical professional project in an internship as appropriate', 'Identify and articulate complex legal issues', 'Apply legal reasoning and research to generate appropriate responses to legal issues', 'Engage in critical analysis and make reasoned choices amongst alternatives', 'Demonstrate cognitive and creative skills in approaching legal issues and generating appropriate responses and developing new understandings', 'Demonstrate the intellectual and practical skills needed to interpret legal conclusions and professional decisions, as well as to identify, research, evaluate and synthesise relevant factual, legal and policy issues', 'Communicate in ways that are effective, appropriate and persuasive for legal and non-legal audiences as appropriate for the particular research project.']</p>

RAD2092	<p>The focus of this unit is on the structure and function of the central nervous system and the pathological basis of disease and injury affecting this system. The anatomical representation and relationships of the bones, organs, blood vessels, nerves and muscles comprising the cranium, chest, abdomen, male and female pelvis, spine, limbs and girdles in multiple planes will be demonstrated through computed tomography (CT), magnetic resonance images (MRI) and digital subtraction angiographic (DSA) imaging. Organization, structure and physiology of nervous tissue, the spinal cord and its nerves and the senses will provide students with a more in-depth understanding of the common disorders affecting the central nervous system including developmental malformations, neoplasia, demyelinating and degenerative disease processes, infective processes, cerebrovascular disease and traumatic brain injury. The unit is particularly designed to prepare students for their CT studies in year three of the course.</p>	<p>['Explain the basic components, structure and function of the central nervous system including the special senses;', 'Describe the anatomy of the skull, brain and associated structures;', 'Describe important pathological processes affecting the central nervous system including the special senses;', 'Distinguish between normal and abnormal pathophysiological processes affecting the central nervous system and its blood supply as they appear on CT, MR and DSA images;', 'Name and identify the anatomy of the skull and central nervous system as seen on sectional computed tomography and magnetic resonance images;', 'Compare and contrast the CT, MR and DSA appearances of the vascular supply of the head and neck;', 'Discriminate between the osseous and soft tissue components, important muscles and blood vessels of the chest, abdomen, pelvis, spine, and limbs on CT and MR images.']</p>
LAW2111	<p>The unit examines the Victorian and Commonwealth Constitutions; advanced principles regarding separation of judicial powers at State and Commonwealth levels; Australian federalism and inter-governmental relations, including the distribution of legislative and fiscal powers between the Commonwealth and the States, inconsistency of laws, and intergovernmental immunities; some principal Commonwealth legislative powers; limitations on governmental power, including selected express and implied constitutional rights and freedoms; and critical analysis of techniques and principles of constitutional interpretation.</p>	<p>['Describe, discuss and analyse Commonwealth and State constitutional law and practice.', 'Evaluate judgements on Australian constitutional cases demonstrating particular attention to the interpretive techniques used and the principles/policies underlying the judgements and doctrines.', 'Assess the constitutional validity of Commonwealth and Victorian legislation and executive actions.', 'Evaluate and apply constitutional law and interpretative principles of constitutional law to generate appropriate legal responses.']</p>
NUT2104	<p>This unit aims to provide an in depth understanding of the metabolism of macro and micronutrients and of the role of nutrition in influencing cell growth, cancer development, blood formation and gene function.</p>	<p>['Describe the combined role of macronutrients and micronutrients in maintaining health and the prevention of disease.', 'Explain carbohydrate, protein and lipid metabolism in the context of the fed and fasting state, hyperglycaemia and alcohol consumption.', 'Critique the role of micronutrients in the maintenance of blood health, bone health, as an antioxidant and in excitable nerve cells.', 'Describe the nutritional influences on cell growth, differentiation, programmed cell death and the development of the cancerous cell.', 'Demonstrate problem based learning skills and the ability to communicate and apply scientific knowledge in relation to nutrition-related scenarios.', 'Apply the main biochemical, clinical and physical measures for assessing and interpreting the signs and symptoms of nutrient inadequacy and/or deficiency.']</p>

PHH1052	This unit provides an introduction to health care systems (local and global), including key features and principles as well as the role of policy, politics, ideologies, resources and funding in their design and operation. The unit also utilizes relevant current events to generate discussion and debate around policy approaches to specific issues and the politics of health and social care.	['Recognise key features of health and social care systems.', 'Identify key principles and processes underpinning the design of health and social care systems.', 'Describe the roles of health professionals in the health system.', 'Explain the role of key factors influencing the design and operation of health and social care systems (including politics, ideologies, resources and funding).', 'Compare health systems with regard to structure, performance, and context.', 'Work effectively in a group to plan and complete tasks collaboratively.']
APR6035	The unit explores some of the key research methodologies used in the fields of journalism, media studies and film studies. It considers the scholarly thesis as a genre and compares it with other advanced modes of writing. It also reflects on the non-traditional form of the doctorate required by the PhD Journalism and the scholarly exegesis this form requires. It provides an overview of expectations involved in a literature review and considers questions of ethics in higher degree research. The program will be adapted according to the thesis and/or journalism projects in the class, but the unit will consider literature reviews, quantitative and qualitative methodologies, the relation of research methodologies in the fields to those of adjacent disciplines such as history, politics, sociology and methodological questions in addressing testimony, memory, truth, visual representation and power.	['demonstrate a sound understanding of the kinds of methodologies which can be applied in media, film and journalism;', 'analyse and expound the key ethical questions involved in scholarly or journalistic research;', 'participate effectively in collaborative learning activities at a sustained high level;', 'demonstrate a clear understanding of the relationship between theory, methodology and analysis in research;', 'demonstrate a clear understanding of the points of continuity and difference between scholarly research and research in journalism and other media fields;', 'identify the points of difference between journalistic and scholarly codes of ethics and prescribe when they respectively apply;', 'produce written work for assessment of a quality appropriate to doctoral studies.']
CIV6882	This unit focuses on flood modelling for engineering design. Methods to estimate design flood magnitudes from experimental observations will be presented. Hydrologic and hydraulic routing models will be introduced along with software packages that apply these models.	['run operational hydrologic models.', 'parameterize models.', 'undertake flood frequency analysis.', 'analyse digital terrain models and outlines catchments.', 'understand hydraulics and apply hydraulic models.', 'understand runoff routing and apply operational routing models.', 'understand and apply state updating techniques.', 'work both independently and collaboratively on flood management problems.']
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.']

FIT5195	<p>This unit is intended to provide students with a framework for understanding business intelligence systems as well as the provision of high quality, integrated data for decision support through data warehousing. The unit has a particular focus on the evolutionary process of developing a business intelligence system and multi-dimensional modelling for structuring business intelligence data. The unit also presents students with coverage of several important aspects of business intelligence and data warehousing, including architecture, design, implementation, data sourcing, organisational issues and governance. The unit will present this material using relevant research, case studies and practical exercises. Students will develop a prototype business intelligence system using a business intelligence software package.</p>	<p>['describe the scope and application of data warehousing', 'design data warehousing systems', 'design multidimensional data models using star schemas', 'implement data warehousing in relational databases', 'use OLAP in SQL', 'explain the need for data warehousing architecture', 'explain query optimisation and its impact on multi-dimensional design']</p>
EAE4220	<p>The unit represents the Honours coursework program for the School of Earth, Atmosphere, and Environment and will consist of a series of short courses, a seminar and a theoretical literature review.</p>	<p>['NA']</p>
OPM4003	<p>This unit explores and develops the key concepts and techniques necessary to understand the core project management competencies of project integration, risk and procurement management. Project integration will include the project front-end, detailed planning, execution, and review. Risk management includes planning for and identifying risks, performing risk analysis, and responding to and controlling risks. Procurement management includes the areas of contract law, statutory regulations, legal relationships, negligence, and negotiation.</p>	<p>['Critique project procurement management and project risk management.', 'Examine and integrate the principles of procurement evaluation, selection and planning.', 'Investigate, interpret meaningfully the legal background including dispute resolution to procure goods and services.', 'Evaluate and manage the relationship between risk, procurement and contracts and their impact on project design and delivery.']</p>
PSY5299	<p>The DPsy program has established a network of placements in a variety of settings within which students can receive appropriate practica training. The practica coordinator and staff at the agency arrange the placements. Student preferences, practica availability and student training needs are taken account of in this process. Which agency and supervisor, number of days for the practica and also the commencement and completion dates are specified. Students are not permitted to negotiate their own practica or change any practica arrangements without first obtaining approval from the University Practica Coordinator.</p>	<p>['expected to have gained an appreciation of the professional role a psychologist in practice and to have an understanding of the delivery of a service to patients, clients and other interested parties;', 'to have acquired an understanding of the context of the delivery of the service and the particular function it serves to the individual and the community at large;', 'to have developed an appreciation of the competing demands on service delivery and the range of issues which impact on service delivery;', 'expected to become proficient in establishing rapport with patients, administering and scoring the commonly used intellectual, diagnostic and personality tests, integrating the results and providing appropriate oral and written reports;', 'expected to have developed an understanding of the functioning of a multi-disciplinary team and the role of its various members.']</p>

ATS3991	<p>The unit introduces students to archaeological fieldwork and excavation through participation on a dig. Students will gain experience in current fieldwork techniques, object recording, analysis and conservation, and will be introduced to the practical skills and interpretation of primary data within its find context. These skills are an essential part of undergraduate training in archaeology. The practical content will be supported by readings and lectures on archaeological methodology, Roman cultural contexts and archaeology in Italy. The unit takes place in Umbria, Italy, at the Roman city of Carsulae, on the Via Flaminia.</p>	<p>['identify and use archaeological fieldwork skills and current excavation techniques;', 'record and analyse artefacts;', 'document excavations within a contemporary framework;', 'assess the site under excavation and analyse its contribution to the wider study of Roman culture;', 'interpret and apply contemporary archaeological theory, especially as it relates to material culture.']</p>
---------	---	---