Title	Synopsis	Outcomes
PSY6199	The DPsych 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.	['developed skill and confidence in applying their theoretical knowledge to the psychological treatment of individuals with relatively uncomplicated emotional and/or behavioural problems and to the assessment of treatment outcomes;', 'developed an awareness of the intricacy of the therapeutic relationship and of the contribution of their personal qualities to it. Their contribution to service delivery should reflect the principles of best practice and their role within an agency should be equivalent to that of a junior employee.', "the ability to demonstrate an understanding of the complexities of the agency's role in service delivery and to service delivery and to independently contribute to the development of strategies for improved service delivery."]
ATS3193	The Virtual Reality Lab is a multi-disciplinary learning environment where students from the different specialisations in the Bachelor of Media Communication come together to explore new technologies, skills and practices in virtual reality. Students will devise a VR research project that tests the capabilities of new technologies and explore applications. The lab fosters creativity and experimentation in media production while also developing professional skills in collaboration and adaptability.	['identify and discuss the communicative and creative role of virtual reality in contemporary media environments;', 'display proficiency in a variety of VR media skills and practices;', 'work reflectively, independently and collaboratively with peers to conceptualise and design a VR media project;', 'apply skills to a VR media production that critically reflects on the evolving technologies and practices of virtual reality.']
BFW1001	As a foundation, this unit introduces students to the concepts of finance, financial mathematics, investment analysis, the financial system, risk management and the relationship of finances to other commercial disciplines.	['demonstrate an introductory understanding to the concepts of finance in preparation for additional study in the discipline', 'describe the foundation concepts of finance', 'relate the concepts of finance to other commercial disciplines.']
MGW3130	This unit introduces students to various concepts of organisational change and development. It covers topics including: theories of organisational development, organisational change and organisational transformation; the role of the organisational change practitioner; development of change interventions; employee responses to change; and challenges of change.	['introduce students to organisational change and development theories and develop fundamental knowledge of organisational change as an area of management;', 'explore various models and analytical tools used by organisational change practitioners', 'identify and critically evaluate a variety of organisational change interventions', 'develop an understanding of the challenges that both managers and employees face when experiencing change', 'develop critical thinking and analytical skills in applying organisational change theory to various workplace situations', 'demonstrate in the individual summative assessment task a comprehensive understanding of the topics covered in the unit. This is demonstrated by the requirement that the student must attain a mark of at least 40% in the final summative assessment task.']

ATS2800	The unit consolidates intermediate skills in music ensemble performance developed in ATS1348 Music ensemble 2.	['Demonstrate further command of music ensemble performance skills beyond the level attained in ATS1348 Music ensemble 2 in a chosen/approved music ensemble.', 'Demonstrate effective control of the elements of ensemble performance (for example, accuracy, articulation and phrasing, tone quality, dynamics, expression, and so forth).', 'Convincingly perform select repertoire in a public setting.']
CHE3166	This unit will develop four important inter-related themes associated with the detailed design of chemical equipment and processes. These themes are process safety, mechanical integrity, equipment selection, and process operability (including piping and instrumentation). These themes will be developed using a mixture of lectures and project-orientated learning activities, which will involve computer simulation and at least one plant visit.	['Identify and measure the main hazards associated with chemical engineering; and understand the nature, the causes, the effects and the prevention or mitigation of these hazards through the design.', 'Select the appropriate materials of construction, including corrosion considerations (and corrosion mitigation) for a specific processing environment.', 'Design fully a process vessel, which includes the selection of the type of vessel, the ability to conduct simplified stress analysis on a thin-walled pressure vessel, to calculate the combined loading on the vessel (or vessel support) to provide a complete mechanical design specification including engineering drawings.', 'Design fully a heat exchanger, which includes the selection of the type of exchanger, sizing of the heat exchanger and to optimise the heat exchanger layout for a particular application.', 'Design a P&I; diagram for a continuous process including details of the piping and control system and determine the instrumentation required for operating a continuous process, under normal and abnormal operations, including emergency shutdown and be able to communicate this on a P&I; diagram.', 'Describe the role of the chemical engineer in the detailed design of a project and his/her relationship to other engineers and professions who might also be involved.', 'Appreciate through open-ended projects, an understanding of the design process involving creativity, scope for optimisation, the need for attention to detail. Through team activities develop positive attitudes to teamwork and leadership skills.']

MKX3481	The marketing task is not complete until customers receive their goods. Distribution is the process that makes that happen. The primary aim of this unit is the development and management of distribution channels in order to meet your marketing objectives. The unit is designed to help you systematically analyse the various channel functions and strategies. Mastering the principles that will be discussed in this unit will also help you in understanding Supply Chain issues. It is important to note however, that this unit is NOT about supply chain management but rather about the role of channels as a marketing strategic element. Some topics of supply chain management of course will be discussed from a marketing perspective. In order to better understand the theory in the context of the business world actual business cases are used throughout the lectures and tutorials.	['recognise the importance of marketing channels, as a strategic element of marketing', 'understand the elements and work flows in marketing channels', "appreciate the issues involved in designing and coordinating marketing channels from a channel manager's perspective", 'explain how effective marketing channels contribute to customer value and assess the performance of channel management.']
FNA2112	This unit is the fourth in the sequence for students to continue a range of leading contemporary art practices and methodologies. The unit promotes conceptual and material processes through interdisciplinary exchange, material and fabrication procedures. Associated projects are introduced based on theories of contemporary art practices, collaborative practices and individual modes of research focused outcomes. Students will develop inventive and sustainable solutions to a series of projects that will enable them to continue to develop a personal methodology and language.	['Have further extended both skills in art making and student vocabulary of materials and studio processes;', 'Possess considerable manipulative skills in students chosen area of self-expression;', 'Have further developed levels of experimentation and investigation within students work, moving towards a focus on specific themes and technologies;', 'Be familiar with current issues in fine art and recognise the potential to produce works within the framework of contemporary culture;', 'Have developed an increased capacity for the constructive appraisal of their own work, and that of others, and are able to articulate this through oral presentations and written documentation, and;', 'Have an increased understanding and practice the rules of occupational health and safety in force in the studio, and are able to collaborate and co-operate safely and productively within the studio environment.']
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.']
FIT5148	Data engineering is about developing the software (and hardware) infrastructure to support data science. This unit introduces software tools and techniques for data engineering, but not hardware. It will cover:	['identify and assess big data concepts and technologies;', 'write and interpret parallel database processing algorithms and methods;', 'use big data processing frameworks and technologies;', 'describe and compare NoSQL technologies;', 'use and evaluate streaming methods in big data processing;', 'use big data streaming technologies.']

MDC4500	The Design Fundamentals Studio is specifically created to enable non-cognate students within the Master of Design to understand and practice the concepts, theories and skills expected of design enquiry and intervention to solve problems. Students undertake a series of exercises concerned with the processes that underpin the composition and assembling of the elements of form, shape and narrative in response to visual, object, spatial and temporal investigation and problem solving. The acquired skills and knowledge will enable the student to approach advanced design challenges with confidence.	['Recognise, analyse and apply the elements and principles of design;', 'Understand the nature of the design process and apply methodical steps in response to design problems;', 'Understand two and three dimensional spatial relationships in nature, built forms and visual systems;', 'Understand the multidisciplinary nature of many design activities;', 'Develop the capability to communicate design outcomes, concepts and solutions by a variety of media;', 'Appreciate the relationship between design and other disciplines that interface with design, and;', 'Observe and employ occupational health and safety appropriate to studio practice.']
RAD2005	This unit is the first of two which provide an introduction to a range of concepts related to professional practice and patient care in the medical radiation sciences.	['Describe psychological theory relating to human development and learning, behaviour and personality', 'Discuss socio-cultural issues related to health care delivery focussing on patients attending the radiology, radiation therapy and nuclear medicine departments.', 'Identify issues and strategies for diagnosing, treating and preventing disease and illness in Aboriginal and Torres Strait Islander clients', 'Develop practical skills required for implementing equity in healthcare', 'Evaluate the barriers and enablers of effective patient and family centred and Inter-disciplinary collaborative care']
APG5717	Reviews the strategic role research plays in the tourism industry both globally and in Australia. Topics include, defining the research problem and objectives, analysing secondary data sources, qualitative and quantitative methodology selection, questionnaire design, fieldwork preparation, data analysis and presentation.	['To provide students with an understanding of the availability of secondary research data and an overview of tourism trends and research directions from both an Australian and Global perspective.', "To develop students' capacity to understand the basics principles of research design for both qualitative and quantitative studies and the role played by research in tourism strategic planning.", "To develop students' capacity to undertake an analysis of secondary tourism data.", "To develop students' written and oral communication skills.", 'To provide students with an understanding of how to conduct a primary quantitative research study including questionnaire design, data entry, analysis and presentation.', 'To provide students with an understanding of the applicability of the SPSS computer program to research in the tourism industry.']

OCC5080	Students will complete a range of on-line and workbook tasks while undertaking an 8 week, full time, fieldwork placement. In this placement they will consider their own role within human service organizations and apply and critique contemporary practice knowledge in leadership and management, supervision and mentoring, organizational behaviour, change management, organizational governance and service quality, professional development, and complex, program based multidisciplinary teams. A learning contract developed in OCC5070 will be used to guide fieldwork learning. Fieldwork provides students with the opportunity to develop, integrate and enhance their practice skills to reach an entry level of competence in occupational therapy prior to graduation. By the end of the fieldwork placement, students will be managing a caseload of clients independently. A portfolio assessment will be used to encourage reflection, a self-directed approach to learning and to provide a record of professional competencies as these are developing.	['Demonstrate professional attitudes and behaviours at the level expected of a new graduate occupational therapist as assessed through the SPEF-R;', 'Demonstrate autonomous and competent application of all stages of the occupational therapy process to the level expected of a new graduate in occupational therapy according to the Australian Minimum Competency Standards for New Graduate Occupational Therapists;', 'Reflect, develop and critique personal and professional learning using an electronic portfolio in preparation for professional accreditation, including opportunities for supervision and a plan for continual professional development that reflects a self-directed and life-long approach to learning;', 'Implement, critique and evaluate strategies to effectively meet own learning needs using a learning contract;', 'Provide effective occupational therapy service considering the broad political, legal and industrial issues in the workplace, profession and client group;', 'Critique and devise strategies to address the change management processes, human resource management and service planning and delivery structures within an organization;', 'Critique professional issues arising from contemporary practice as a result of organisational and team management, finance and partnering with consumer groups;', "Create an original scenario that highlights evidence-based occupational therapy intervention/s for a client or group in the context of a client's total service provision from an agency or organisation."]
BEW4020	Under the guidance of an academic supervisor, this subject allows a student to independently gain in-depth discipline knowledge in a selected area of business and commerce as a foundation to the completion of an honours project. The student will complete a prescribed list of readings, undertake further independent literature studies, and complete other learning activities and assessments considered appropriate for the selected field of study.	['analyse the literature in order to develop subject matter expertise beyond the specific focus of the Honours project', "synthesise the literature to inform the student's research topic of choice", 'critically evaluate academic literature and present in written and/or oral form key arguments related to the research project.']
AZA2495	The unit is a continuation of first year psychology topics in the field of social psychology. The main focus is on social schemas, social attribution, theories of attitude change, group psychology, aggression, interpersonal attraction and affiliation, sex roles, oppression, empowerment and diversity. The laboratory program complements the lecture series, and provides further training in research techniques, report writing, oral presentations and teamwork.	['Describe the key approaches, concepts and terms in social/community psychology.', 'Discuss the role of social and community psychology both in the global and in the South African context.', 'Relate the different levels and models of intervention used in community psychology.', 'Value the historical forces that have shaped community psychology.', 'Appraise some of the key studies and constructs in social/community psychology.']

MGX4000	Basic introduction to research design in management; types of research designs; qualitative and quantitative data collection and measurement techniques; coding data; reliability and validity; qualitative and quantitative methods of analysis; interpreting and discussing results; structuring and writing the research report; integrating individual research into overall management literature.	['critically analyse and interpret basic research designs in the management discipline', 'construct research questions grounded in a theoretical and conceptual framework', 'assess the appropriateness, types, and use of qualitative and quantitative data collection and analysis techniques as a means of investigating and answering research questions in the management discipline', 'identify, search for, and locate secondary data and knowledge relevant to management research, as well as understanding the process of generating or collecting primary data', 'develop academic writing skills appropriate to the discipline for reporting on business management research projects.']
CHE5881	The unit will develop a higher level understanding of reaction kinetics, catalysis and reactor design, including:	['analyse and apply isothermal and non-isothermal kinetics', 'analyse the importance of catalysis in heterogeneous catalysis, photocatalysis and biocatalysis systems', 'design and analyse reactor systems using numerical methods and commercial software Aspen Plus', 'synthesize advanced reactor designs for selective industrial applications', 'critiquing contemporary journal articles in conventional industrial catalysis and emerging catalysis']
ATS1269	The unit is designed to further students' knowledge of Latin, gained in ATS1267Not offered in 2019, and improves their reading skills to the point where authentic Latin texts may be read and enjoyed. Students make significant progress with their understanding of Latin grammar and syntax, while reading increasingly authentic texts by authors such as Virgil, Cicero and Suetonius. Learning is reinforced by weekly grammar exercises and vocabulary tests.	['A concrete knowledge of Latin grammar and syntax to allow most Latin texts to be approached successfully;', 'An enhanced active vocabulary in Classical Latin;', 'Reading skills in Latin to allow most Latin text to be approached successfully;', 'A greater understanding of the historical and cultural context of Classical Latin, especially the Republican period.']
ARC4031	The Transition architecture studio 1 is for those entering the three-year Master of Architecture academic program and provides core foundations in architectural design and architectural communications. The unit explores architectural design as a process of investigation, critical observation and experimentation and application in urban contexts while engaging with the three-dimensional and material testing of ideas. Projects will be formulated to introduce key architectural issues such as site, space, context, activity and tectonics. The unit will also develop understanding of two and three-dimensional conventions for representation across a range of media.	['Demonstrate competence in architectural design;', 'Understand how observation, analysis, experiment and critique apply to the architectural design process;', 'Be able to clearly communicate architectural ideas verbally, graphically and 3-dimensionally;', 'Demonstrate ability to critically analyse and respond to issues inherent in an architectural design project;', 'Understand and be able to apply the rules of occupational health and safety appropriate to the unit of study.']

ATS2790	The unit introduces students to research and writing skills for longform journalism projects. Students will learn to source, investigate and analyse information for creating compelling stories The unit will examine ethical issues and the role of public service journalism.	['demonstrate an ability to identify and research worthwhile stories from a range of information and data;', 'conduct interviews with relevant people related to the project;', 'report in a clear, concise, accurate and engaging way using a variety of online, print and/or audio visual material;', 'identify key ethical obligations associated with long-form feature writing;', 'produce work that reflects an awareness of local, national and international people and events relevant to current media issues;', 'work to tight deadlines and report under pressure;', 'reflect critical awareness of the capacities, limitations and socio-professional implications of journalistic practices.']
LAW3402	Building on Property A, the unit examines proprietary interests that arise through the operation of equity, and co-ownership of land and goods. It then examines the Torrens System of registered title to land and the Transfer of Land Act 1958 (Vic), including: the registration process; the meaning and purpose of indefeasible title: fraud and other exceptions to indefeasibility: the compensation provisions; status and enforceability of unregistered interests; the caveat system; and the priority rules for registered and unregistered interests.	['Demonstrate advanced and integrated knowledge of property law, building upon learning in previous units;', 'Identify, research, evaluate and synthesize relevant factual, legal and policy issues;', 'Demonstrate the intellectual and legal skills to interpret judicial decisions and legislation;', 'Engage in critical analysis and make reasoned and appropriate choices among alternatives;', 'Demonstrate cognitive skill, creativity and professional judgement to formulate appropriate responses to complex legal problems;', 'Communicate and collaborate effectively and persuasively; and', 'Work with autonomy, independence and professionalism']
ATS2290	The Global Leadership and Advanced Research Program is a prestigious, externally-funded, invitation-only program tied to ICUR. It is aimed at high-achieving students with a minimum average grade of 70 who are also 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.	['understand the commonalities and specificities of research imperatives at local, regional, and global levels;', 'develop the ability to identify and appreciate multidisciplinary approaches to solving problems;', '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 member of a team.']

MMD4001	This unit introduces students to the audio-visual language of multimedia and multimedia design principles. The role of multimedia designer and the various multimedia elements are defined, including text, image, sound, animation and video. Methods for problem solving two-dimensional multimedia screen design and analysing electronic media are developed, giving a broad understanding of multimedia design. Particular emphasis is placed on the role of text and images.	['Understand the audio-visual language of multimedia and the application of multimedia design principles;', 'Understand the role of the multimedia designer in electronic communication;', 'Approach the problem-solving of two-dimensional multimedia screen design with an inquiring, adventurous and open attitude;', 'Be able to identify the different delivery platforms for multimedia design, including digital video, the internet, cd-rom, dvd-rom, site-specific installation, and other technologies;', 'Be able to use text, images, animation, sound and digital video as multimedia elements in electronic documents;', 'Be familiar with colour mode and resolution requirements for a range of electronic media;', 'Be aware of a variety of file formats, their use and benefits and compression options;', 'Be able to optimise a media file for a particular application;', 'Develop a self-directed approach to the development of multimedia design works, utilising independent research and evaluation methods.']
FOR5016	The aim of this unit is to provide students with a thorough understanding of all aspects of forensic odontology relating to the treatment of living people in a legal setting.	['Evaluate facial trauma giving consideration to the bio-mechanics of the bones of the facial skeleton.', 'Analyse and interpret soft tissue injury in relation to bite mark evidence, applying skills in the discrimination and comparison of such injuries;', 'Evaluate dental age estimation methods as applied to living individuals;', 'Recognise and evaluate the dental manifestations of child abuse;', 'Illustrate the limitations inherent in identification of individuals from CCTV images;', 'Discuss the regulations of the Australian Dental Board as they relate to malpractice and fraud investigation;', 'Construct dento-legal reports, and discuss the ramifications involved in presentation of clinical forensic odontology evidence before the courts.']
AHT3722	Curating: Practices is intended as a complement to Curating: Histories and Theories (although the units may be taken in any order). In this unit, students are encouraged to plan one or several acts of curation that need not involve works of art. Students may curate photographs, their hobbies, pieces of art writing, their own objects or those of others. However, the emphasis will be on the final form of the exhibition and the student's ability to explain and justify this curation. These exhibitions can take place in a variety of public spaces, including online. Classes will consist of 3 contact hours in which the lecturer will work with the students, and the students along with the lecturer will hold "crit" sessions in which proposed and upcoming exhibitions are discussed and workshopped.	['Demonstrate practical and theoretical skills in contemporary curating;', 'Put on an actual or online curated exhibition;', 'Work with others in putting on such a curated exhibition;', "Evaluate the success or not of their own and others' exhibitions;", 'Be ready to start curating exhibitions.']

ATS3935	Students undertake a professional placement with a host partner organization to undertake a supervised professional project determined by the host organisation. The host partner organisations are from a diverse range of industries and sectors, including government departments, private industry and not-for-profit organisations. Students will complete academic work in addition to the tasks undertaken during the placement. The host partner organisation provides field supervision and the faculty provides academic supervision.	['demonstrate critical thinking and professional judgement by developing a report plan for the academic component of the unit;', 'demonstrate critical reflective practice skills as a result of completing an internship;', 'demonstrate developing communication skills by reporting on an aspect of the work undertaken for during the placement.']
ATS3930	From the medieval period onwards, expansion brought Europeans increasingly into contact with diverse cultures and civilizations. This unit explores how encounters between Europe and the world were transformed from the tentative and uncertain contacts that characterised earlier periods to the self-confident imperialism of the nineteenth and twentieth centuries. Rather than analysing the broad sweep of political history, we are interested in the leading edge of cross-cultural encounters: in travellers, diplomats, and slaves who 'crossed-over' to engage with new cultural worlds, in the tools that made these encounters possible and in the commodities that underpinned global exchange.	['gain a broad understanding of the historical timeline of European expansion', 'gain a clear understanding of key historical debates about the rise of the West', 'gain a thorough understanding of how cross-cultural encounters changed over time', "gain a clear understanding of different theoretical approaches that historians have used to conceptualise Europe's encounters with the world", 'explore the evolution of historical debates over Orientalism', 'be able to recognize and analyse key historical themes in the history of cross-cultural encounters', 'learn how to work with archival sources', 'learn how to use visual sources (such as maps) effectively in research', 'have further developed their oral and written communication skills', 'have acquired independent research skills across a range of historical source areas.']
PBH3001	This unit will provide students with specific development of quantitative health and medical research methodology.	['Develop an answerable research question to address an evidence gap', 'Critically appraise the strengths and limitations of different study designs', 'Develop and select appropriate measures for use in clinical research', 'Design and conduct epidemiological research in clinical settings', 'Understand and address ethical and practical considerations in clinical research']
APG5884	The project consists of an annotated translation of approximately 12-15,000 words, with a substantial critical introduction (written in English) of at least 3,000 words. For students intending to practice as professional translators, the project will consist of a series of set texts from a variety of genres (e.g., scientific, medical, legal, technical, governmental) to enable students to practice and develop their translation skills to a professional level. Students who wish to focus more on literary and/or cultural translation may choose to select one main text, in consultation with the supervisor. Students will be expected to translate into their A language.	['have considerably developed their translation skills and their understanding of issues involved in the translation process\nii) be able to critically reflect on their own translation practises\n\niii) be able to demonstrate their awareness of relevant methodologies, theoretical frameworks, and skills.']

ATS2796	Yiddish 2B is an extension of Yiddish 2A. The central feature of both Yiddish 2A and 2B will be the further teaching of Yiddish as a living language, as a tool for both written and spoken communication. The course is designed for students who wish to improve their knowledge of the subject both in its literary and conversational form. The course will include use of non-literary texts and exercises to develop grammatical, syntactic and idiomatic mastery of the language. An additional component will utilise Yiddish literary texts of Australia as well as of other countries. Completion of parts A and B will prepare students to continue to an eventual major in the subject.	['be able to demonstrate a fluency in reading and writing Yiddish script', 'have a working understanding of spoken Standard Modern Yiddish', 'acquire the ability to write original short essays in Yiddish; acquire advanced skills required for Yiddish conversation', 'have an appreciation of the richness of Yiddish as a rich literary and cultural tradition', 'demonstrate a critical appraisal of selected Yiddish authors and poets and their writings']
MEC6889	The aim of this unit is to couple engineering techniques relevant to medical devices and systems with clinical and surgical demands. The unit will address the fundamentals of human body systems, and how this relates to the physical principles and design of typical medical and bio-mechatronic devices and their application in the clinic and surgery. A key focus will be the classification of medical devices in terms of safety and regulatory regimes in Australia and worldwide, including in relation to the development of new devices. Imaging devices and imaging modalities will be introduced, as will the coupling of imaging and surgical tools in the one device. Implantable devices for both diagnostic and therapeutic use and the advanced manufacturing of medical devices will be covered.	['Relate knowledge of the fundamentals of anatomy and physiology related to 11 human systems and natural synovial joints to clinical application of medical devices and implants.', 'Evaluate the effectiveness of medical imaging systems based on the imaging modality and the physical situation being imaged.', 'Compare passive and active prosthetics according to the clinical needs.', 'Analyse a surgical situation to specify the appropriate robotic surgical intervention.', 'Classify medical devices according to safety and regulatory in Australia and in the worldwide context.', 'Design and prototype a simple medical device.', 'Engage in regular self-assessment and peer-assessment of individual and team performance as a primary means of tracking continuing professional development.']
ATS2653	The unit provides an introduction to the diversity of Japanese language in context and a foundation in Japanese applied-linguistics, socio-linguistics and intercultural communication. It aims to expand your understanding of Japanese language and society, and your awareness of how language is used to express social meanings and identity. Drawing on research utilising a range of sources, including popular culture, the unit explores topics such as language structures, styles and variation, politeness and implications for identity. You will be encouraged to think comparatively and to explore similarities and differences between Japanese and other languages. Classes are designed to be relevant to students from Intermediate to Advanced levels of Japanese, including native speakers.	['apply theories and analytical methods to examine Japanese language use and practices;', 'discuss issues related to communication in Japanese, including intercultural communication;', 'critically reflect upon their own experiences of learning and using Japanese;', 'locate, summarise and critically review relevant research, both orally and in writing.']

ATS3147	This is the first part of a sequence progressing from the intermediate to the advanced levels of Japanese. It covers spoken language and contemporary written language through various activities integrating listening, speaking, reading and writing. Activities are built around topics relating to Japanese communication strategies, social issues, their values, and to cultural interaction. This course will provide students with an opportunity to critically analyse information from Japanese-language media regarding current and/or historical issues, write effective narrative/biographical and explanatory reports by using formal and academic Japanese.	['Understand the gist of short excerpts of Japanese media with assistance and to continue to expand their ability to understand conversations between native speakers in various speech styles;', 'Understand texts', 'characters or longer) on topics related to Japan with the assistance of dictionaries;', 'Refine their ability to communicate using appropriate speech styles in various contexts, to develop their ability to state their opinions and to extract information from others, and to maintain a casual conversation with native speakers without preparation;', 'Continue to develop their ability to do research presentations on Japan-related topics in which they are interested, including the ability to describe aspects of Japanese culture and society in detail;', 'Develop the skills to write a research essay\n(2000-3000 characters) on Japan-related topics with the assistance of various resources and develop the ability to write summaries of texts and oral discussions;', 'Reinforce their knowledge of the kyooiku kanji acquired so far and develop their knowledge of an additional 150 new kanji frequently used in the Japanese media.']
APG5050	The unit introduces students to principles of problem-solving in communication and media research. It will consider a range of traditional and emerging research methods - including textual analysis, content analysis, interviews, ethnographic fieldwork, digital humanities approaches, sentiment analysis and audience research. The focus, however, will be not be simply on learning and applying these methods, but also on understanding their relation to problems in the fields they address. The unit will develop skills in research design, from identifying productive research questions to selecting appropriate methodologies and project planning. These skills provide a platform for further development in the Communications Research Project or Masters Thesis.	['A familiarity with the major research methods used in communication and media studies.', 'An understanding of the difference between research topics and research questions and an ability to identify productive research questions.', 'An ability to apply research methods critically and appropriately in addressing research questions.', 'A capacity to design research projects in communication and media studies, from conceptualization to project planning.', 'An ability to develop innovative solutions to problems in communication and media studies [cf. Monash Graduate Attributes Policy].', 'An ability to apply research skills to a range of challenges in communication and media studies [cf. Monash Graduate Attributes Policy].']
ATS3593	This unit will examine the changing nature of sexuality in Australia, Britain and North America during the nineteenth and twentieth centuries. The main topics will be the construction of masculinity and femininity, courtship and marriage, family and kinship, birth control, regulation in the private and public spheres, heterosexuality and homosexuality, the theorisation of sex, sexual reformers and sexual liberation movements.	['Understood the key theoretical concepts used by scholars in the field of the history of sexuality.', 'Understood the major historiographical debates in the field.', 'Grasped the nature of the key changes in sexuality in the period covered by the unit.', 'Conducted research into a particular area of the history of sexuality.']

FST3840	Processed foods are increasingly popular around the world owing to their convenience, extended shelf life, and palatability. This unit introduces students to food processing principles that group physical food processes into basic unit operations such as fluid flow, heat transfer, drying, evaporation, contact equilibrium processes, mechanical separations, size reduction and mixing. After this, the unit expands on various processing techniques that transform raw materials into foods that are safe (chemically and microbiologically), nutritious, convenient and attractive to consumers. Students will gain a theoretical and practical understanding of the techniques used in the processing of various food groups. Students will be familiar with the physical processes and equipment used in processing of various food groups, and the regulation of food industry products and practices.	['Demonstrate theoretical and practical knowledge of the various processing technologies that are used to transform raw materials into nutritious, safe and attractive food products;', 'Demonstrate knowledge of the food processing equipment and food regulations;', 'Explain the scientific basis of the various food processing unit operations;', 'Select the appropriate processing techniques for different foods;', 'Assess the effects of various processing techniques on food quality, safety and nutrition;', 'Demonstrate an understanding of food regulations;', 'Keep up to date with new and emerging technologies in food processing;', 'Demonstrate advanced scientific report writing skills.']
EAE2111	From the humid tropics to the polar deserts, Earth's diverse array of climates are the result of complex physical, chemical and biological processes and their interactions. This unit provides an introduction to the Earth's climate system and its operation. Students will gain an appreciation of the climate of the Earth's surface, subsurface and upper atmosphere, and how these vary in space and time. Key processes that regulate the climate on the global, regional and micro-scale will be introduced. The natural operation of these processes and their operation with human influence will be examined. Students will be exposed to the techniques and instrumentation used to measure and monitor the atmosphere and the real-world	["Define the concept of 'climate' and key processes that regulate the climate on the global, regional and micro-scales;", 'Describe how various elements of the climate system are measured and observed, including the instruments employed, how they operate, and application to real-world climate problems;', 'Describe how the climate varies on a number of time and space scales. Explain some of the key physical mechanisms and their interactions that cause these variations, and appreciate their complexity;', 'Know some of the modifications made by humans that can influence the climate and the associated processes by which this occurs;', 'Communicate complex concepts in climate science to scientific and non-scientific audiences.']
LAW4113	Topics will be drawn from both the general part of the criminal law, for example: automatism, insanity, intoxication, duress and entrapment; specific offences, for example, obscenity, contempt, homicide and sexual offences, and issues such as the role of the jury, sentencing and the function of the psychiatrist in the criminal process. Students will be called upon to undertake independent research.	['Define, interpret and reflect upon contemporary issues and problems in criminal law and procedure;', 'Identify, analyse and elucidate the relevant principles, laws and precedents and apply them to resolve issues relating to clients with contemporary or advanced issues in criminal law and procedure;', 'Critically assess policies and principles relating to the criminal law', 'Demonstrate an advanced understanding of 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 in criminal law', 'Demonstrate an advanced understanding of the legal research and writing, and legal argument skills by undertaking systematic research into legal policy, rules, procedures and comparative perspectives relating to criminal law and procedure; and', 'Demonstrate developed skills of oral presentation of criminal legal policy, rules and argument in an interactive learning context']

BEX3500	This unit is the capstone unit for the Bachelor of Commerce and as such draws together the learning and experiences gained from previous Commerce 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 multidisciplinary solutions to a current issue in commerce via a team-based approach.	['develop skills for future employment in a sustainable, socially inclusive\neconomy', 'develop the ability to work in a diverse multi-disciplinary team and use research skills and disciplinary knowledge to solve a complex business challenge.']
MGF1010	This unit offers a critical introduction to fundamental questions in the discipline of management. What is management? What do managers do, and how do I become a good manager? What are the effects of management practice on employees and their experience of being managed? Key contemporary issues of globalisation and cultural diversity, ethics and social responsibility affect the answers to these questions and are therefore woven throughout the curriculum. The unit draws upon a range of sources - academic, practical, popular cultural - to engage students in multiple ways of knowing about management.	['demonstrate a contextual appreciation of management as an evolving set of contested ideas for how managers may influence people, organisations, and their environments to achieve organisational goals', 'identify what managers do in practice, and analyse how the various activities that comprise managing both shape and are shaped by individual and group behaviour and diversity in organisational settings', 'critically evaluate the impact of contemporary management practices on employee experiences of being managed', 'explain the concepts of stakeholder interests, ethics and responsible management and assess their implications for individuals and organisations in a global context', 'apply research, analytical and communication skills required of the management discipline to address business challenges.']
AZA2461	This unit focuses on formal and informal responses to crime and punishment. It examines issues relating to sentencing, punishment and corrections, including community based sanctions such as restorative justice. Theories and perspectives of punishment, justice and crime reduction are appraised providing a critical understanding and specialised knowledge of the evolution, elements, aims and applications of punishment within an African and international human rights framework.	['Develop a critical awareness of the structure and functioning of criminal justice in South Africa and internationally;', 'Understand contemporary debates relevant to crime, punishment and criminal justice;', 'Analyse diverse arguments in relation to traditional and alternative forms of policing, sentencing and corrections;', 'Apply punishment theories and perspectives on different contexts;', 'Conduct independent research using appropriate science and technology effectively and responsibly when dealing with crime and punishment without harming society, the environment or individuals;', 'Work and communicate with others as part of a multidisciplinary team to deal effectively with crime and punishment.']

ACS2740	The unit covers various aspects of financial accounting and builds on the principles introduced in prior financial accounting units. It provides a detailed examination of applying IFRS with the focus on accounting for income taxes, earnings per share and the preparation and presentation of the statement of cash flows. The unit also introduces accounting principles governing group accounts and the preparation of group statements. Students are also exposed to using commercial accounting software to prepare accounting records in accordance with the IFRS covered in this and prior units.	['analyse and evaluate how entities apply the IFRS topics dealt with in this unit in their annual financial reporting, including the recognition, measurement, disclosure and presentation of these topics', 'evaluate and apply the IFRS on earnings per share and accounting for income taxes', 'prepare a statement of cash flows in conformity with IFRS', 'explain and apply the basic principles of accounting for group transactions, including business combinations and intracompany transactions, and the preparation of group financial statements', 'demonstrate proficiency in the use of a commercial accounting software package to enter and process accounting data according to selected IFRS and to analyse and interpret the resulting accounting information', 'apply critical thinking, problem solving and presentation skills to individual and/or group activities dealing with financial accounting and demonstrate in an individual summative assessment task the acquisition of a comprehensive understanding of the topics covered by ACS2740.']
ATS1229	This unit aims to provide a basic foundation in the basic language skills: listening, speaking, reading and writing Italian, and a brief introduction to contemporary Italian social and political history and culture. It is specifically designed for those students who have little or no knowledge of the language.	['understand, speak and write basic Italian with reference to present, past and future events in a range of everyday situations', 'read elementary but authentic Italian texts', 'understand basic structural aspects of Italian', 'have an enhanced understanding of language learning and communication strategies, and', 'understand key aspects of contemporary Italian culture and society.']
FIT3176	This unit will introduce advanced concepts in the areas of database design, including extended E/R and it's implementation using procedures and packages; data design of unstructured and semi-structured data, like XML and JSON, and it's implementations in database systems.	['design a database model from a given scenario, using the Extended Entity Relationship model;', 'create triggers, procedures and functions to enhance the logic stored in a database;', 'create XML documents and schemas to represent a given scenario;', 'implement, and manipulate, XML structure in a database;', 'investigate the use of other semi-structure data, like JSON, in a database.']
RTS4101	The focus of this unit is an in-depth understanding of the key facets of radiation physics. Students will be able to define radiation and radioactive decay. Students will be able to describe in detail the interactions of radiation with matter, and explain how radiation is detected and measured. Students will gain an appreciation for the importance of radiation safety, and will be encouraged to critically reflect on the implications of radiation protection in their clinical experiences. Students will also be given an introduction to medical radiations instrumentation and techniques, with emphasis on the fusion of the conceptual theory with the practical applications. Whilst studying these topics, students will be encouraged to critically reflect, analyse and synthesise relevant information from the literature and their previous experiences of studying physics.	['Define and calculate radioactivity, and describe in detail radioactive decay processes;', 'Explain the scientific concepts involving the production and properties of ionising and non-ionising radiation, and the physical processes involved in the interactions of ionising and non-ionising radiation with matter;', 'Discuss the principles of, and equipment used for, radiation detection and measurement;', 'Describe the importance of radiation safety and analyse the techniques and engineering controls used in radiation protection;', 'Recognise and describe the basic design features, operating principles and the quality assurance checks for medical radiation equipment;', 'Describe the principles and practice of Radiation Treatment Planning.']

MAE4410	On completion of this unit, students will have an understanding of the key elements of aircraft performance analysis as used in aerospace vehicle design. A student project, involving the initial design stages of a flight vehicle, will integrate these studies. Various characteristics of aircraft performance and their design implications will be examined including whole-aircraft drag polar, power plant characterisation, thrust required in level flight, maximum speed estimation, minimum speed and high-lift devices, rate of climb, gliding, range, endurance, accelerated flight, structural limitations on performance, and design for longitudinal and lateral stability. Mission analysis and preliminary weight estimation based on a design concept will be examined together with the aerodynamic synthesis to satisfy performance requirements, power plant selection, overall vehicle layout and balance. Trade-offs as a necessary part of the design will be apparent to students on completion of this unit.	['Justify preliminary aircraft sizing based on mission requirements and weight correlations.', 'Draw upon constraint analysis to size aircraft propulsion and lifting surfaces to meet specified performance requirements.', 'Generate aircraft layouts to appropriate Joint Aviation Requirements (JARs).', 'Predict aircraft drag polars by a variety of methods.', 'Construct an appropriately dimensioned and labelled 3-view drawing of final aircraft design.', 'Manage the distribution of aircraft components to appropriately locate the aircraft centre of gravity.']
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.']

PAR5440	This unit introduces students to an advanced level of knowledge, understanding and skill related to the intensive care management of patients with traumatic and environmental conditions. Trauma care is approached from the contextual perspective of contemporary trauma systems, time critical guidelines and trauma triage criteria. Specific traumatic injuries are explored in depth and are related to student development of advanced skills to effectively manage these conditions.	['Examine and apply knowledge of the structure of trauma systems and define the related trauma triage criteria including the benefits of pre-hospital support and the related role of community emergency health practitioners;', 'Analyse the pathophysiology of common traumatic and environmental conditions as it relates to specific intensive care interventions and clinical management strategies;', 'Formulate appropriate pharmacotherapeutic regimes using the relevant drugs available for the intensive care management of trauma and environmental conditions;', 'Implement knowledge, skills and evidence based practice to professionally manage trauma and environmental emergencies as an intensive care paramedic;', 'Synthesise the epidemiology of traumatic injuries and environmental conditions;', 'Determine the likely ongoing management of patients in hospital critical care units using the framework of a trauma system.']
ATS3829	The unit examines musical, aesthetic, social and ritual concepts and practices as expressed in the musical life of the Chinese, Japanese and Korean cultures, with particular reference to selected performances of music and dance and the relationships between music and the related arts.	['Demonstrate select knowledge of the history and styles of the music cultures of China, Korea, and Japan;', 'Critically evaluate and analyse music theory, terminology and performance techniques in the three aforementioned cultures and how they reflect local socio/cultural patterns and values.']
EAE3010	This unit provides the opportunity to study a special topic in the curriculum of the EAE-school for students in year 3. This unit is designed for students that cannot follow the EAE curriculum for outside reasons but need a special arrangement. This special arrangement needs to be determined and agreed between the third-year co-ordinator and student(s) in writing at the beginning of the project.	['Demonstrate outcomes formulated related to the Special Topic determined and agreed upon between the third-year coordinator and student(s) in writing at the beginning of the project.']
ACX3150	This unit explores a range of techniques used to analyse corporate financial performance and valuation of entities. These include: application and use of financial ratios and forecasting techniques, accounting-based and cash flow-based share valuation, credit analysis and financial distress prediction, equity security analysis, and analysis relating to mergers and takeovers. Both Australian and international case studies are used to provide a real-world context.	['access and extract financial information from published financial reports and databases', 'calculate and interpret relevant financial ratios concerned with the profitability, financial structure and solvency of listed public companies', 'apply and critically assess approaches to valuation including discounted cash flow and residual income methods', 'apply valuation methods to contexts such as security valuation, mergers and acquisitions and credit analysis', 'apply critical thinking, problem solving and presentation skills to individual and/or group activities dealing with financial analysis and valuation.']

ATS3014	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.	['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.']
NUR1114	This unit builds upon NUR1112 and introduces students to the pathophysiological changes that can impact human health and the working of the human body across the lifespan.	['Describe the normal structure and function of body systems as they affect health across the lifespan, including how the lymphoid system responds to microbes and infection;', 'Identify the normal structure and function of the musculoskeletal system and the nursing/midwifery practice considerations related to associated musculoskeletal conditions.', 'Outline the normal structure and function of the endocrine system and the associated nursing/midwifery practice considerations in the management of related disease processes;', 'Outline the normal structure and function of the digestive system, metabolism and associated nursing/midwifery practice considerations related to minor gastrointestinal conditions;', 'Describe the normal structure and function of the urinary system and fluid balance, electrolyte balance and the nursing/midwifery practice considerations involving urinary tract conditions;', 'Identify the components of the reproductive system and their functions;', 'Plan and implement fundamental nursing care to meet the needs of patients with common and important illnesses including renal, gastrointestinal and endocrine conditions;', 'Demonstrate safe, evidenced based clinical practice integrating theoretical principles and procedural skills;', 'Demonstrate safe, evidenced based principles of medication management related to patient safety.']

MMD4001	This unit introduces students to the audio-visual language of multimedia and multimedia design principles. The role of multimedia designer and the various multimedia elements are defined, including text, image, sound, animation and video. Methods for problem solving two-dimensional multimedia screen design and analysing electronic media are developed, giving a broad understanding of multimedia design. Particular emphasis is placed on the role of text and images.	['Understand the audio-visual language of multimedia and the application of multimedia design principles;', 'Understand the role of the multimedia designer in electronic communication;', 'Approach the problem-solving of two-dimensional multimedia screen design with an inquiring, adventurous and open attitude;', 'Be able to identify the different delivery platforms for multimedia design, including digital video, the internet, cd-rom, dvd-rom, site-specific installation, and other technologies;', 'Be able to use text, images, animation, sound and digital video as multimedia elements in electronic documents;', 'Be familiar with colour mode and resolution requirements for a range of electronic media;', 'Be aware of a variety of file formats, their use and benefits and compression options;', 'Be able to optimise a media file for a particular application;', 'Develop a self-directed approach to the development of multimedia design works, utilising independent research and evaluation methods.']
ATS2280	Video games have become a major media industry, generating large revenues and exerting an ongoing impact on older media forms. From game consoles to social media platforms to mobile devices, they account for an increasing share of media experience and have taken a central place in a number of key debates about the role of media, from issues of gender and violence to addiction and the nature of art.	['a familiarity with video games as an object of academic investigation;', 'an ability to draw upon experiences of gaming in order to develop new perspectives on the role of media in society and everyday life;', 'an ability to critically engage with current debates about ethical and other dimensions of game playing;', 'an ability to think critically about game playing and communicate the results of this critical thinking in appropriate scholarly language.']
MED4301	This unit aims to develop the two most common skills that are required for the communication of medical research proposals and medical research findings. Students will develop their written communication skills by writing a review of the literature review developing a strong justification for their aim and hypothesis. Students will develop their oral communication skills by giving an oral presentation and answering questions on their research proposal, early in the Honours year.	['Review and evaluate the clinical and scientific literature relevant to the field of research.', 'Synthesise the relevant literature in relation to the research question.', 'Refine a research question grounded in the critical review of the literature.', 'Devise appropriate research methodology to address the research question.', 'Justify the proposed methodology in relation to the research question.', 'Communicate the critical arguments in the literature in relation to the research question and the proposed methodology to a wider professional audience.']
BFF2341	Topics covered include multinational firms and globalisation; foreign direct investment; political risk; foreign exchange markets; currency derivatives (currency options and forward contracts); measuring and managing transaction exposure; cost of capital and capital structure for multinational firms; fundamentals of capital budgeting; international capital budgeting and exchange rate effects; international cash management; transfer pricing and international tax strategies.	['discuss the international financial environment and the importance of foreign exchange risk management', 'discuss important financial management issues and their application to financial management of multinational firms', 'discuss foreign exchange market mechanisms and explain how markets can be used to hedge foreign currency transaction exposure', 'apply capital budgeting techniques in the context of a multinational firm', 'apply critical thinking, problem solving and presentation skills to individual activities dealing with international financial management and demonstrate in an individual summative assessment task the acquisition of a comprehensive understanding of the topics covered by BFF2341.']

FIT2097	This unit will further develop games development programming skills with the C++ language, and explore them further in the Games Programming context. Focus will be on advanced games programming techniques, including a focus on the content pipeline, advanced rendering and visual game effects. Principles will also be placed into the context of different libraries, such as OpenGL, and other platforms, such as mobile. This provides a strong grounding for further study in this area, especially related to games engine development and artificial intelligence.	['describe the content pipeline as used in computer game development and why it is important;', 'create game programs that demonstrate an understanding and working knowledge of advanced rendering principles, such as shaders;', 'create game programs that demonstrate a working knowledge of advanced visual game effects, such as particle and physics systems;', 'describe how key game programming principles can be applied to games developed with other libraries (such as OpenGL) and for other platforms (such as mobile), and create game prototypes that demonstrate this;', 'describe key performance and optimisation principles of computer game programming and create game programs that demonstrate these principles.']
BFC5130	This unit aims to combine the knowledge students have achieved in their Master of Banking and Finance studies. In addition, the unit introduces a significant research component and assignment to ensure students are familiar with the scientific research method, are able to analyse research papers and understand the aim of research in contributing to theoretical concepts in finance and banking.	['demonstrate the ability to independently and critically investigate both quantitative and qualitative banking and finance problems, applying and consolidating prior learning to propose solutions', 'evaluate and weigh information so as to make judgements and arrive at decisions about ethics in business', 'develop applied research skills on an individual basis and apply these skills to a relevant research assignment', 'demonstrate the ability to synthesise conclusions and communicate analysis in a concise business manner.']
ATS3649	The unit complements Japanese language learning by investigating everyday language use from a variety of analytical perspectives. Examining examples from a range of sources and contexts, students will explore how Japanese is structured, used, and affected by cognitive, social and cultural factors. Observation and analysis of actual language use will contribute to advancing language proficiency and understanding of Japanese language and culture. Language use will be examined through different lenses which may include: applied linguistics, discourse analysis, conversation analysis, interactional linguistics, corpus analysis, second language acquisition and sociolinguistics. Students will conduct small research projects employing different methods to examine and understand how language is used in daily interactions.	['observe and analyse Japanese language use;', 'apply a range of theories and analytical methods to various aspects of Japanese communication, society and culture;', 'relate observation and analysis of language practices to their own experiences and communication in Japanese;', 'employ concepts and terminology used within different linguistic disciplines;', 'design and implement an independent research project that includes: formulation of research questions, methodologies, data management and analysis.']

NUR5002	This unit builds upon NUR5111 Contemporary Nursing Practice 1.	['Explain the pathophysiology basis for commonly encountered conditions, and their application to nursing care of clients in medical/surgical settings;', 'Perform safe evidence based, person centred clinical practice in an acute care setting based on the integration of theoretical principles and practical skills;', 'Express the nursing application of diagnostic, therapeutic and preventative techniques associated with caring for a person with a body system health breakdown;', 'Formulate, conduct and document comprehensive client assessments;', 'Reflect upon, and evaluate self-performance in terms of the delivery of quality nursing care;', 'Practise in accordance with NMBA Registered Nurse standards for practice and other professional standards.']
APG5347	Learn about the various approaches to research in applied linguistics. You will explore different data collection procedures, including interviewing, participant observation and questionnaire surveys. You will also investigate data description, analysis, interpretation, quantitative and qualitative research and ethical concerns relating to linguistic research.	['demonstrate knowledge of quantitative and qualitative approaches to research in applied study of language (with a particular focus on English)', 'articulate research questions for the purpose of developing a thesis or project', 'plan the elements of a thesis or research project, including literature review, methodology and data analysis', 'identify major types of data collection, and issues associated with analysis and interpretation of data', 'address ethical concerns in relation to language research.']
MIS4100	The Honours year aims to develop analytic abilities, research skills, and communication skills, as well as provide students with advanced knowledge in specific areas of:	['Critically review the scientific literature that underpins the area of the research project;', 'Undertake a supervised research project and contribute to project design and management;', 'Apply appropriate laboratory techniques, research methodologies and data analysis methods to collect, interpret and report research findings;', 'Effectively present research and findings orally showing a firm grasp of the area;', 'Analyse research undertaken in the context of the discipline area and report findings in an extended written report.']
ATS3208	This intensive unit will examine one of the largest and most visible refugee movements of the late twentieth century, in which more than two million Vietnamese left their homeland in the two decades following the end of the Vietnam War in 1975. It will include a field trip to Vietnam and Indonesia, and explore the site of the former refugee camp of Pulau Galang in Indonesia. Galang is a site of pilgrimage for survivors and the only former refugee camp to have been preserved. A series of lectures and seminars will introduce students to the experiences of Vietnamese refugees, and students will be able to reflect on the refugees' journeys, their resettlement experiences in Australia, and the nature of remembrance.	['explain the Vietnamese refugee movement of the late twentieth century including the response to this movement;', 'understand and assess the nature of state repression in Vietnam in the aftermath of the Vietnam War;', "recognise and discuss the characteristics of Australia's Vietnamese refugee community;", 'analyse complex experiences of loss and trauma, and issues of war and memory, through the narratives of refugees;', 'evaluate the nature of cross-national remembrance of the Vietnamese diaspora in Australia and Indonesia;', 'critically reflect on their engagement with another culture;', 'conduct independent research, work collaboratively in teams, and communicate effectively and with cultural sensitivity in written and oral form.']

DEV3011	This unit begins with an introduction to the concepts and experimental systems in developmental biology. How gene expression is regulated during development and thereby leads to the development of differentiated cells and tissues is considered. Communication between cells during development is described, as well as the key concepts of induction and competence. Some of the key early developmental processes and experimental strategies for studying developmental biology are covered. Finally, patterning and development of the body plan are described.	['Describe the molecular and cellular mechanisms that regulate animal development;', 'Outline the strategies used to study mechanisms of development;', 'Compare and contrast different developmental model systems;', 'Demonstrate practical laboratory skills integral to the study of developmental biology including obtaining, documenting and interpreting data;', 'Discuss and critically analyse developmental biology research papers;', 'Collaborate effectively as a pair or in a group to complete academic tasks;', 'Demonstrate effective communication by oral, visual and written means.']
LAW4129	Topics include: concepts of equality and discrimination; the Australian social context; the law developed around State and Federal anti-discrimination legislation primarily in sex discrimination; grounds of discrimination including sex, race, disability and sexuality discrimination, and (if time) discrimination based on political or religious belief or activity; areas of activity covered or exempted from the legislation; constitutional complications of the legislation; problems of proof; procedural issues and the remedies available to victims of discrimination; concludes by evaluating effectiveness of the legislation and alternative measures like affirmative action.	['acquired knowledge of the problem of unjustifiable discrimination and its Australian social context, and of anti-discrimination laws and their application and interpretation', 'developed their research and writing skills through preparing a research paper', 'developed an understanding of the philosophical and legal concepts of equality and discrimination and the problems of the development of this area in the common law context', 'developed the ability to think critically about concepts of equality, discrimination, special treatment, and the capacity and limits of law as a mechanism of social change.']
MKF5463	This unit allows you to engage deeply with questions about consumers and consumption. How do consumers make purchase decisions? What makes them satisfied with their consumption experience? And what role does consumption play in consumers' lives? We will also address the question how to best obtain useful knowledge about consumers and consumption. The unit aims to develop your ability to critically examine key concepts and theories in consumer behaviour and to explore how they could be successfully applied in marketing.	['describe, identify and critically assess the role and contribution of main paradigms in the social and behavioural disciplines to the field of buyer/consumer behaviour and marketing decision making', 'analyse and critically assess the nature of explanation from a range of perspectives', 'analyse selected topics from the current consumer behaviour literature from different and multidisciplinary perspectives and critically compare and evaluate these perspectives', 'apply selected concepts and theories from the consumer behaviour literature to marketing problems', 'critically evaluate the usefulness of some of the core concepts in the consumer behaviour literature for marketing practice.']
UPD4201	This unit develops knowledge and skills around the legal and administrative frameworks that underpin the implementation of planning in Australia, set within national and international contexts. Students will critically analyse the roles and powers of governments, markets and communities, and their respective impacts on policy and planning instruments.	['Demonstrate a command of historical and contemporary approaches to the regulatory contexts shaping planning systems;', 'Demonstrate the ability to research and understand planning principles and frameworks in Australia in a global context;', 'Be able to interpret legal codes and policies and apply them through planning instruments;', 'Have developed an understanding of the complex political environments and the impacts of these on planning cities;', 'Understand and be able to apply the rules of occupational health and safety appropriate to the unit of study.']

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.']
HSC1300	This unit provides an introduction to the course of disease for common health conditions, and their impact on individuals and populations.	['Explain the biological basis of selected human health and disease.', 'Describe the pathophysiology and course of disease for selected human diseases.', 'Identify the social and individual factors contributing to selected human disease.', 'Explain the consequences of selected human diseases for health systems, society and epidemiology.', 'Critically appraise a current topic in human health and disease using relevant, high quality sources.', 'Develop organisational and communication skills in a small team environment.']
ATS3067	This unit involves students in teaching and learning activities equally developing language skills and cultural competence. Students will develop analytical reading skills and advanced writing skills focussing on textual coherence and cohesion as well as morpho-syntactic accuracy. Oral work will develop expository techniques needed to present the contents of articles taken from the French press. Students develop advanced language skills and competence in the theory, research methodology and practices, and discourses involved in sophisticated critical enquiry, understanding and analysis in an area of French studies, working under guidance to define and write a research essay.	['read and orally communicate the main points contained in a newspaper article;', 'write a newspaper type article presenting the main information contained in a TV current affair 3mm video using their note taking and listening comprehension skills;', 'demonstrate mastery of the commentaire de texte technique;', 'successfully translate sentences from English to French demonstrating their mastery of French grammar and understanding of differences between French and English syntax;', 'utilise a bilingual electronic dictionary, an online French dictionary, and other online linguistic resources.']
ARC5001	Architecture Design Research Studio consolidates concepts and skills relevant to advanced architectural design research. It establishes the full set of conceptual and skill-based competencies necessary for undertaking the subsequent design research project. It maintains emphasis on design as a synthetic process encompassing a range of complex issues inherent in the production of architecture. Studies in the unit will maintain a focus on developing design as a visual language and process of cultural production with an emphasis on social and environmental sustainability.	['Demonstrate the first stages of mastery in architectural design necessary for the completion of the Architecture Design Research Project;', 'Have acquired proficiency in design research;', 'Have the ability to critically analyse and successfully respond to the complex range of issues inherent in an architectural design project;', 'Have achieved proficiency in observation, analysis, experiment and critique as they apply to the advanced architectural design processes;', 'Have acquired a high level of competence in all presentation skills: verbal, graphic and 3-dimensional;', 'Understand and be able to apply the rules of occupational health and safety appropriate to the unit of study.']

CHE2163	At the successful completion of this unit you will be able to:	['Determine which modes of heat transfer (conduction, convection and radiation) and/or mass transfer (diffusive and convective) are occurring in a given problem', 'Identify key assumptions (e.g. steady state vs transient) that lead to a solution procedure.', 'Formulate solutions for common engineering problem using a combination of analytical equations, dimensional analysis, and empirical correlations', 'Critically analyse the solution with respect to clarity (communicating the solution to engineers and managers), effects of errors, validity of assumptions, and how the solution(s) can be used to provide operational advice.', 'Conduct self-directed learning using common textbooks, online tools and reference texts, in order to prepare for laboratory sessions and assignments (including preparation for self-directed life-long learning beyond tertiary education).']
ATS4702	The unit is offered to Honours and postgraduate students who need specialist skills in ancient Greek and/or Latin. Students are divided into two cohorts depending on the language of their preference and undertake guided reading complemented by advanced language tuition.	['Engage in independent research based on texts written in ancient Greek or Latin', 'Have a thorough understanding of the history and development of ancient Greek or Latin language', 'Have a thorough understanding of the history of Greek or Latin literature (history, poetry, oratory, etc.)', 'Be familiar with a number of genres of ancient Greek or Latin writing and their conventions']
ASC5007	Recovery is a new area of research within the fields of addiction and mental health but one that has gained considerable policy and practice debate in the US, UK and Australia, and that is closely linked to the desistance movement in criminal justice. This unit explores what is known so far, what the key issues are in this area, and arguments around the definition of recovery, and the merits of a recovery approach, with its origins in positive psychology, mutual aid and the patient empowerment movement. The aim of the unit is to introduce the concepts and philosophy of recovery, the evidence base as it stands to date and the challenges it poses to current interpretations of existing models, in particular expert-driven treatment.	['Synthesise and critique the rationale and history of the recovery movement', 'Synthesise the origins of the recovery movement across key countries (Australia, UK, US) and between addiction and mental health fields in each of these settings', 'Critically review the definitions of recovery that have been advanced and summarise the strengths and weaknesses of each, from a practice and from a policy perspective', 'Analyse the role of mutual aid and peer empowerment in the recovery movement and offer a critical analysis of the evidence for mutual aid groups, in particular 12-step groups', 'Critically review the research methods and evidence models most appropriate within a recovery paradigm', 'Critically appraise the appeal and risks of the recovery movement to policy makers and its potential role implications for specialist treatment service provision', 'Summarise and critically appraise the strength of the evidence base for recovery as a viable paradigm and its implications for service delivery, and commissioning recovery-oriented systems of care.', 'Summarise the innovations from the desistance movement in criminology and review its applicability to the addiction and mental health recovery movements.']

ATS3328	A major way that archaeologists make sense of the past is through the images that people depicted on rocks and on cave walls: rock art is one of the most common, and most visually impressive kind of archaeological evidence. In this unit students will learn about the history of modern humans from 60,000-40,000 years ago into recent times across the world, through the symbols and artworks they made and used. They will learn about what cave art looks like across different regions of the world and from different periods of time, and the different kinds of theories and approaches that archaeologists have employed to try to make sense of this imagery. They will learn and be encouraged to reflect about how those theories concern not just 'other' cultures past and present, but also how they reflect on the preconceptions of the researchers themselves and their own cultures. Students will cover a range of topics from the earliest years of the discipline of archaeology to the latest writings on human symbolic behaviour, and from the Ice Age to more recent artworks.	['discuss the earliest history of human symbolic behaviour and how it relates to the evolutionary beginnings of modern humans;', 'understand the chronology of early modern human visual art relative to their biological evolution;', 'explain the processes of dating and recording rock art;', 'interpret various aspects of rock art, including the production process, subject matter, location, cultural importance, and significance for understanding past social relationships;', 'explain the benefits of current digital technologies in the analysis of rock art;', 'evaluate contemporary perspectives on rock art, including those from the communities of the descendants of rock artists.']
ATS2310	This unit provides a comprehensive introduction to current newsroom practice. Students will bring basic skills learned in other practical journalism subjects and develop a more sophisticated understanding of the role of a working journalist. The unit will prepare students to pitch stories, to work with editors, to produce material to deadline and to work across a variety of platforms in the process of producing stories and story packages for publication. Students will be expected to produce multi-media packages across a mix of text, image, video and audio, with some collaboration required. The aim is to build skills that are essential in a modern commercial newsroom and that are expected of young reporters. Journalists are expected to be able to come up with ideas of their own, expressed as a developed idea with an angle and a clear course of implementation. They should also be able to pick up an editor's idea and follow it through to completion - making sure the finished work has images and other supportive material to make it publishable. They should be able to work with a more experienced editor to turn their story into something publishable, if necessary.	['recognise how a modern newsroom works;', 'pitch a coherent story idea to an editor;', 'design and construct a multi-media story package based on an assigned story idea;', 'work collaboratively to produce a multi-media story package;', 'recognise how to work with an editor to improve work and make it publishable;', 'present a portfolio containing a number of solid, professional story packages.']

RTS5102	This unit covers advanced medical radiations physics with a specific focus on image formation and instrumentation. Students will gain an in-depth conceptual understanding of the instrumentation used for each of the diagnostic imaging modalities. Students will undertake a critical review of the physical properties responsible for image formation. Students will acquire an appreciation of the Image Registration process and the importance of combination imaging in radiation therapy. Students will gain an in-depth knowledge in the underlying theory and corresponding advancements in clinical radiation therapy instrumentation. Students will apply this knowledge in a critical review of advanced radiation therapy techniques.	['Illustrate the principles of operation and image formation of CT, PET, MRI and Ultrasound modalities reflecting on their use in radiation therapy;', 'Discuss Image Registration and evaluate the advantages gained from combination imaging;', 'Describe the scientific concepts and analyse the clinical applications of Intensity-Modulated Radiotherapy;', 'Evaluate the principles of Image-Guided Radiotherapy, describing the instrumentation and equipment used;', 'Appraise the advanced techniques of radiation therapy including Stereotactic Radiosurgery and Brachytherapy.']
DWG2501	Landscape, Space and Environment provides students with a specific drawing based subject, addressing landscape as a genre of cultural production, and investigate the philosophical and political questions around space and the environment. Much of this unit will be presented as fieldwork outside of the studio context followed by a studio engagement, allowing for a more robust creative outcome.	['Understand the conceptual and technical foundation for successful study in a contemporary practices;', 'Identify landscape, space and environment as a means of creative and critical contemporary expression;', 'Produce creative strategies as a form of expression appropriate to the concept they are investigating;', 'Understand the context of contemporary drawing and investigation in the framework of national and global contemporary culture;', 'Describe the theoretical and historical rationale and context of their work;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']
ACF1200	This unit introduces basic accounting concepts to non-accountants. The information requirements of two main groups of information users are examined - external users such as current and potential investors and internal users such as managers. This unit provides an introduction to the structure, meaning, analysis and interpretation of financial statements, in addition to exploring financial issues confronting managers, such as cost and performance measurement and budgeting.	['demonstrate an understanding of various forms of business organisation', 'apply financial and management accounting principles in the preparation of financial statements', 'measure and interpret information relating to financial performance, financial position, liquidity and risk indicators of businesses', 'measure and interpret financial and non-financial information for managers to use in planning, decision making and control', 'develop the ability to work effectively in a team and demonstrate the development of judgement, and skills in problem solving, critical thinking and analysis.']
DIS2907	This unit introduces students to time-based imaging for 3D design and imaging. It develops sequentially upon the skills and knowledge of 3D imaging by providing a focus upon advanced asset creation and animation. Students are introduced to the range of options and controls available through 3D imaging and modeling software applications, towards skillfully creating, manipulating and animating 3D objects, manipulating camera properties and viewer perspectives. Demonstrations and lectures are given on conceiving, designing and producing animation sequences for inclusion into multimedia presentations with consideration for delivery methods and the merits of different media types and formats.	['Design and develop defined 3D models with application for animation;', 'Skilfully create and manipulate 3D objects within a changing environment utilising light and atmospheric conditions;', 'Explore the range of options and controls available through 3D imaging and modeling software applications;', 'Experiment with surface qualities to enhance the 3D appearance of the created object;', 'Understand and manipulate camera properties and viewer perspectives;', 'Prepare animation sequences for inclusion into multimedia presentations with consideration for delivery methods and the merits of media types and formats;', 'Understand and be able to apply the rules of occupational health and safety appropriate to the unit of study.']

ATS2620	The unit explores the history of Japan and East Asia via an examination of the figure of the samurai. The focus is broadly on the period from 1185 to 1867 when Japan was ruled by a succession of warrior regimes but the unit will also explore the evolution of samurai images and representations primarily in film but also in books, anime, manga, and video games. The central concern is with the evolution of the figure of the samurai across this long period and with the constant tensions between the ideals put forward about the way of the warrior and the actual realities of samurai life. We will explore the samurai from varied perspectives by considering questions of status, identity, politics, gender, and economics.	["identify key political transformations across Japanese history as well as Japan's place in the wider region;", 'explain processes of identity formation and the power of national myths;', 'analyse the social hierarchies that underpinned the emergence of the samurai class;', 'cultivate independent research skills via the creation of a unit portfolio;', 'develop effective communication, team work, argumentation and critical reflection skills.']
CIV5882	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.']
IDE2811	This unit covers the fundamentals of mechanics as applied to consumer products including loads and forces in structures both solid and dynamic. The unit also includes the fundamentals of electronics in product design such as circuit analysis, electrical and magnetic fields, passive and active devices, voltage levels and frequency ranges, safety and regulations as used in a variety of consumer products.	['Have an understanding of the application of electrical and mechanical systems for contemporary products;', 'Have a basic working knowledge of electricity and mechanics;', 'Experience applying electrical and or mechanical principles in product design projects;', 'Understand and practice the rules of occupational health and safety in force in the industrial design studio.']
OPM5002	Organisational innovation, R&D; and new product/service development are particularly challenging for project management. Such projects are uncertain, ambiguous and complex and require different management approaches. This unit will explore alternative tools and techniques, focusing on design thinking, to provide the necessary means to manage and deliver such projects.	['Contrast and evaluate appropriate advanced project management perspectives to meet contextual demands and communicate findings.', 'Appraise the concepts of innovation in the context of delivering projects.', 'Critique the project management theory in the context of delivering innovation projects.', 'Assess the application of design thinking and solution development to manage innovation projects.']

ATS2385	How has war shaped Australians and Australian society and why has war become central to national mythology and identity? This unit explores the experience of Australians at war - both overseas and on the home front - from confrontations between indigenous Australians and European settlers on the colonial frontier through the major conflicts of the twentieth century, with a particular focus on the two World Wars. We examine the 'face of battle' and how war affected men and women on the front line (including indigenous servicemen), and we consider how war was experienced on the home front and reshaped Australian society. We explore the contested creation of an 'Anzac legend' and how war challenged and consolidated social relations and national identities. Students will undertake hands-on research using the rich primary source record of Australians at war, including service records, diaries and letters, oral histories, photographs and repatriation files that illuminate the impact of war on veterans, their families, and their communities.	["demonstrate a critical understanding of the history of Australia's involvement in war and the significance of that involvement, and have interrogated the mythologies that have grown up around Anzac;", 'exhibit an in-depth understanding of the lived experience of war and an ability to interrogate personal testimonies.', "show an awareness of the historical and social context of Australia's involvement in particular campaigns and how these have redefined Australia's relationship with the region and the world;", 'have built the capacity to research and critically evaluate topical and historiographical debates regarding the impact of war on Australian identity and society.', 'have developed skills in constructing evidence-based arguments using a variety of primary and secondary sources, and demonstrated their ability to reflect critically on what they have learnt.', 'have developed skills in written and oral presentation and communication.']
TRC2001	This unit introduces students to the fundamental principles of some basic systems comprising of Mechanical, Electrical, Electronic, Computing and Electro-mechanical sub-systems, with an intention to introduce cross-links between them for an integrated design approach towards their application to the development of complex systems.	['Describe systems and systems engineering.', 'Conduct the major tasks in system engineering: need analysis; requirement analysis; concept exploration; risk analysis; prototype test and evaluation; and verification and validation.', 'Analyse the hierarchical structure of complex systems.', 'Implement a System Development Life Cycle (SDLC).', 'Design and analysis of mechanisms and control programs for mechatronic systems.', 'Analyse and select sensors and actuators for mechatronic systems.']

VPR3002	This unit is the last and culminating unit in the Visual Practices sequence. In this unit students will focus on their chosen areas of interest reflected in their choice of workshops. Topics will include curatorship, arts writing and a range of contemporary art approaches. A high degree of independence, combined with advanced conceptual lucidity and prowess in the development of curatorial, collective and individual practices should be evident at this stage. Students develop final individual programs in conjunction with the lecturers that reflect their personal direction and evolving practice, that provide a bridge to the broader arts industry.	['Be strongly self-motivated, and able to construct a program of work derived from various workshops that reflect a coherent direction which imaginatively addresses their own concerns;', 'Be able to produce outcomes that display conviction, confidence and control in concepts and materials, or collaborative and curatorial practice and be able to isolate areas of their work that require further research and sustain a directed inquiry into these;', 'Deepen their understanding of current issues in fine art and recognise the potential to produce works or projects within the framework of contemporary culture;', 'Be able to produce outcomes that display advanced skills, confidence and control in theoretical concepts and materials or processes in their work;', 'Approach contemporary art practice and aesthetics with challenge and vigour, and be able to establish a personalised and informed discourse within the context of fine art practice;', 'Achieve a professional presentation and documentation of works in the final submission of their completed work, either practical or curatorial, and;', 'Independently practice the rules of occupational health and safety in force in the studio, and be able to collaborate and co-operate safely and productively within the studio environment with observance of the OHS&E; regulations and policies of the studio.']
JWL2313	In Jewellery Practice 3 the experience of previous units is used to incrementally build upon and extend students' knowledge and experience in both making and critical thinking.	['Develop an understanding of contemporary jewellery practice as a discipline within Art, Design & Architecture;', 'Develop ideas and skills to realise jewellery-based and body-related objects through an open process of inquiry and experimentation. Through the experience of making students will start to articulate their own visual and conceptual language within the context of contemporary jewellery practices;', 'Critically analyse the theoretical and historical rationale and context of their work and its connection to a range of contemporary practices;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline.']

RTS4104	This unit is the first of two units dealing specifically with the principles and applications of radiation	['Identify and describe in detail; structural and sectional anatomy, physiology, pathology and oncology related to the male and female reproductive systems', 'Critically analyse radiation therapy planning and pre-treatment imaging techniques with reference to international standards and the evidence-base for the male and female reproductive systems.', 'Critically analyse radiation therapy treatment and verification techniques with reference to international standards and the evidence-base for the male and female reproductive systems.', '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', 'Analyse, apply and reflect on theories of human communication, empathy, occupational health and radiation safety of the working environment, within a professional standards and ethical/legal context', "Implement radiation therapy planning or treatment and patient management protocols across a range of patients and evaluate their efficacy at the level of a 'beginner/novice practitioner';"]
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.']
MGS3651	Entrepreneurship develops students' understanding and capacity to launch and manage new as well as innovative business ideas. A combination of theory and practice is integrated into the conceptualisation and application of the entrepreneur phenomenon and the entrepreneurship process. Students will be able to conduct self-evaluation and analysis of their surroundings in order to identify business opportunities that can be exploited to the benefit of the individual entrepreneur as well as the societies at large.	['analyse and synthesise entrepreneurship conceptualisations', 'evaluate the roles of entrepreneurs', 'identify and evaluate the characteristics of entrepreneurs', 'analyse and recommend business opportunities to launch an entrepreneurial career as well as developing business plans', 'conduct a self-analysis and self-evaluation in the context of choosing and launching an entrepreneurial occupation to fit the individual student.']

MDC4202	This unit develops knowledge, methods and principles in Tangible Interaction Design (TID), building on the knowledge and practice in MDC4201. Students will be introduced to the TID approach to lead investigation, critical observation, and experimental practice, and develop an in-depth understanding of how the contextualization and task execution determines the overall performance of interactive systems. The major design project will be formulated to deal with various design issues such as interactivity-oriented human-factors, site and environmental contexts, and the correct use of interactive prototyping conventions.	['Critically analyse established methods and techniques through the application of Tangible Interaction Design frameworks to investigate interactive behaviours, functionalities, physical components, and interface elements;', 'Develop and apply the fundamental elements and principles in physical form creation and behavioural design;', 'Communicate ideas and concepts through the process of observation, analysis, selection, interpretation and expression to experiment and develop comprehensive design solutions using Tangible Interaction Design approaches;', 'Further develop creative and specialist analytical skills through critical evaluation of designs in a series of reflective discussions, using terminology specific to Tangible Interaction Design;', 'Produce interaction design solutions that apply a range of problem-solving methodologies and design strategies to respond to challenges with interactivity-oriented human-factors, site and environmental contexts, interaction design techniques, and prototyping conventions;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']
MPH5302	This unit introduces students to biostatistics as applied to public health and management studies. Biostatistics is the science of describing, summarising and analysing health-related data. It is essential to understand biostatistics in order to design, conduct and interpret health-related research. The basic principles and methods used in biostatistics are covered in this unit. This includes the technical qualifications necessary for analysing and interpreting data on a descriptive and bivariate level.	['Explain the importance of biostatistics in public health studies;', 'Classify data into appropriate measurement types;', 'Explain sampling concepts and the role of sampling errors;', 'Present data using relevant tables, graphical displays and summary statistics;', 'Formulate research hypotheses into a statistical context in public health studies;', 'Estimate quantities of interest and evaluate hypothesis with appropriate statistical methods;', 'Accurately interpret statistical methods and results reported in health publications;', 'Analyse data using a specific software package.']
ADM5002	Theory Workshop examines theory models and investigative methods in contemporary research. The candidate develops a conceptual framework of studio research and exegesis that identifies the relations between research intention and research method.	['Have identified a conceptual framework for the research;', 'Be able to argue the logic of their research process;', 'Be able to situate the relevance of their research within a contemporary context;', 'Be equipped to sustain an exegetical elaboration of their research.']

MKF5760	Contemporary marketing leaders have to engage with diverse and compelling social issues. This is regardless of the sector in which marketing leaders operate - private, public, or civil society. Hence, awareness of contemporary social issues and the role of marketing in addressing these is a critical part of the modern marketing toolkit. The approach will define the marketer's contribution as responsible and effective global leaders. In this unit you will explore various marketing concepts, frameworks and techniques ranging from social marketing to macromarketing and transformative consumer research, which can help develop such awareness and facilitate informed decision making. A high level of understanding of marketing concepts will be assumed.	['identify and assess the challenges the broader society presents to the marketplace', 'critically evaluate complex, contradictory social phenomena from a marketing perspective', 'demonstrate sensitive, innovative solutions utilising a modern marketing toolkit.']
APG5109	In this unit, students will undertake structured learning in a research or clinical environment undertaking a project focused on policies, programs and organisations designed to respond to and prevent family violence.	['reflect on their own experience to identify strategies and policies to support family violence prevention in a range of workplace, policy and clinical settings;', 'develop professional knowledges about family violence prevention and associated leadership skills in a range of environments;', 'apply theoretical knowledge and skills to develop programs and responses in everyday contexts of family violence prevention;', 'construct a culturally sensitive approach to the recognition and management of different needs and objectives in effective family violence prevention;', 'critically evaluate the operational outcomes of policies and programs to support family violence prevention.']
OPM4001	This unit focuses on developing the ability to critically apply a diverse range of communication styles, structures and techniques in a project environment. The unit will emphasise the role that communication plays in managing project human resources and stakeholders, and the impact organisational culture and politics has on these activities. Additionally, the unit will address project management as a profession, and its ethics and competency standards	['Research, select and apply strategies, protocols and innovative methods for effective and efficient communications and management across all stakeholders.', 'Interpret and manage the impact of human resources, organisational culture and politics on projects.', 'Identify and analyse the ethical dimensions associated with project management decisions, use and quality.', 'Reflect on and analyse the need for competency and ethical standards that are required for the profession of project management practice.', 'Work together in a team and reflect on how the team can improve its performance.']
MPH5242	Psychosocial effects of work on individuals is explained from a preventive viewpoint. Mental illness & its effect on employment, alcohol and drug use, disability discrimination, equal employment opportunity legislation, workplace health promotion & shift work are examined.	['Identify, analyse and evaluate various issues that might arise for a worker in regards to the working environment, and devise appropriate management control strategies;', 'identify, analyse and communicate the underpinning principles of disability discrimination and equal employment legislation and practically apply them to workplace settings;', 'develop, implement, and evaluate a health promotion program;', 'implement evidence-based occupational drug and alcohol management;', 'reflect critically on theoretical models and concepts underpinning organisational psychology; and', 'develop insightful and persuasive recommendations to improve workplace culture.']

ATS1346	Through the study of selected musics from around the world, this unit explores the ways in which culture shapes the philosophies, techniques, organising principles and concepts of musical performance. By analysing performers, audiences, texts and technologies, the unit also investigates specific musical practices in order to generate broader questions about music. How do musicians learn? What does music tell us about culture? What is the musical event? These are some of the questions that will be examined in the unit. The unit is open to all students with an interest in music. No prior musical experience required.	['Recognise and articulate some of the philosophies, techniques, organising principles and concepts of select musics from around the world.', 'Locate, analyse and evaluate scholarly sources pertinent to an ethnomusicology research project', 'Demonstrate academic research, writing and oral communication skills by undertaking an ethnomusicology research project.']
MGS1010	This unit offers a critical introduction to fundamental questions in the discipline of management. What is management? What do managers do, and how do I become a good manager? What are the effects of management practice on employees and their experience of being managed? Key contemporary issues of globalisation and cultural diversity, ethics and social responsibility affect the answers to these questions and are therefore woven throughout the curriculum. The unit draws upon a range of sources - academic, practical, popular cultural - to engage students in multiple ways of knowing about management.	['demonstrate a contextual appreciation of management as an evolving set of contested ideas for how managers may influence people, organisations, and their environments to achieve organisational goals', 'identify what managers do in practice, and analyse how the various activities that comprise managing both shape and are shaped by individual and group behaviour and diversity in organisational settings', 'critically evaluate the impact of contemporary management practices on employee experiences of being managed', 'explain the concepts of stakeholder interests, ethics and responsible management and assess their implications for individuals and organisations in a global context', 'apply research, analytical and communication skills required of the management discipline to address business challenges.']
AZA3717	Medical sociology examines social aspects of medicine. The unit features health from an African perspective. Students will gain an understanding of professional knowledge and the power associated with that knowledge and the way it is exercised. Areas examined will include risk assessment and management; public and private health and health promotion; HIV/AIDS and sexual health and the influence of the media and the internet on health related matters. The unit will embed these learning objectives in the African context introducing students to African interpretations of health, illness and medicine. The unit will appeal to students wanting to engage with social perspectives on health and illness from a globalised and localised perspective.	['Identify, describe and analyse key perspectives in social inquiry as it applies to health and illness in contemporary society.', 'Critically evaluate social aspects of health and illness as they effect individuals, communities and nation states.', 'Apply critical perspectives to contemporary issues in health and illness matters.', 'Identify implications for public health policy.\n\nIn addition, students taking the unit at level three will be able to:', 'Understand critical difference in public and private approaches to health and illness issues.']

CDS2001	Communication Design Studio 3 will elaborate on the practical and conceptual skills developed in COL1001 or CDS1001 and CDS1002. Students will be exposed to a broad range of creative communication processes from print to digital media, and will be able to identify the appropriate context(s) to which they would be applied independently and in conjunction with one another.	['Construct communication design solutions utilizing a variety of media, including manual, print and digital processes with an open attitude to experimentation and critical inquiry', 'Explore design solutions that utilize sound and motion as core components to their outcome;', 'Produce design solutions that demonstrate an understanding of narrative conventions;', 'Identify and competently use the technology appropriate for each design outcome;', 'Plan and manage a design outcome from initial concept to final resolution;', 'demonstrate an understanding of how observation, analysis, response and conceptual thinking contributes to the practice of communication design;', 'Confidently articulate an informed rationale for each communication design solution;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']
PBH3005	In this unit, students will be introduced to psychological, behavioural and social factors that are key determinants of a range of health outcomes. Students will examine a range of social and behavioural theories, principles of evidence-based practices and interventions that correlate with prevention and maintaining good health. Students will apply these principles to the development, onset, recovery and management of disease.	['Discuss the social and behavioural theories in relation to prevention, health, and their application to the development, onset, recovery and management of disease.', 'Describe the psychosocial determinants of health, and the influence of these contributing factors to health and illness.', 'Compare the behavioural and psychosocial interventions in relation to health and disease, and their application to real world scenarios.', 'Critically analyse a range of behaviour issues, and assess behavioural interventions and practices that could be utilised.', 'Recognise the cultural and social context of behaviour change, and their relevance to health care, chronic illness and death.', 'Communicate the nature and application of behavioural and psychosocial interventions for both professional and lay audiences, including low literate audiences.']
MGF5730	The unit will provide students with key insights regarding how trade policy is formulated, negotiated and implemented; the economic, social and cultural implications of international trade rules; the pattern of relationships that exists between trade policy and prosperity; and the implications of the global financial crisis for international trade policy. The unit focuses on the GATT/WTO System and Bilateral and Regional Trade Agreements.	['assess the advantages and limitations of the multilateral trading system in terms of its decision making processes and its agreements (agriculture, services, intellectual property, etc.)', 'explain the recent surge of bilateralism and regionalism and assess the implications of this surge for the multilateral trading system', 'evaluate the opportunities and the limitations of formally linking human rights and environmental issues to the global trading system', 'judge whether the current global trading system treats trade liberalisation as a means to an end (the end being sustainable and equitable development) or an end in itself', 'evaluate the implications of the global financial crisis for the global trading system.']

IAR4501	This unit runs in parallel with IAR4120 to reinforce the intellectual and design contexts for the studio exploration. Activities include ongoing reflection, documentation and contextualisation of students' research. Students will draw on IAR4500 to articulate processes, findings and implications uncovered through the studio project.	['Demonstrate reflective approaches for the production of design research;', 'Document and communicate the processes and findings of a design research project;', 'Locate their work in relation to socio-economic, cultural, design and intellectual developments relevant to interior architecture;', 'Select and apply appropriate design research concepts, strategies and methods;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']
BEX5723	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.']
ATS3225	The unit will consist of two integrated and complementary sections: Culture (50%) and Language (50%).	['utilise grammatical concepts and vocabulary at a level equivalent to the first stage of B1 of the European Framework;', 'competently communicate at a level equivalent to the first stage of B1 of the European Framework;', 'perform textual analysis to interpret the interrelationship between literary production and nineteenth-century Italian society;', 'recognise different types of narrative constructs;', 'employ sophisticated research and critical thinking skills.']
IDN3001	The aim of this unit is to capture and develop the skills to enable a designer to appreciate and understand the financial, marketing and business implications of taking a product concept into the commercial realm. Students undertake a semester long project with a view to better understanding the implications upon their design of the commercial imperative. A solution is sought to a design problem to which all aspects of the market and commercial enterprise are brought to bear. Project based multi dimensional problems are assigned in a studio setting. Students are encouraged to think creatively to identify a market or societal need, research and source relevant data, develop a product design specification and undertake the design of a product proposal under the supervision of academic staff. Project work is presented in folio format, documented for production. Final design proposals are also undertaken in detailed model or prototypical form where appropriate.	['Understand the process of creating a cost model for their design outcome;', 'Build a market communication to promote the value proposition of their solution;', 'Interact with industry and source relevant data;', 'Research, select and specify components relevant to individual projects;', 'Prepare viable design solutions for volume manufacture in accordance with project criteria;', 'Demonstrate communication skills including the execution of detailed-scaled models or prototypes for presentation purposes;', 'Observe and employ occupational health and safety principles and rules appropriate to studio practice.']

| ATS3774 | This unit will provide students with the opportunity to investigate directing practice in some detail. Students will choose a directing project, carry out dramaturgical research on the text and appropriate contexts, prepare the text for rehearsal, cast the work, carry out rehearsals, and stage their project. They will also write up the mise en scene of their production. Students will receive regular guidance and feedback on their projects. | ['Engage in dramaturgical research;', 'Prepare a text for rehearsal with actors;', 'Carry out detailed and careful rehearsal;', 'Collaborate with other theatre practitioners in order to present a performance;', 'Understand the relations between performance work and the contexts in which it will be presented;', 'Keep a detailed and clear record of work such that other practitioners would be able to follow the production strategies.'] |

| MED3100 | This unit is an integrated medicine/surgery curriculum based on the four themes of the medical curriculum: Personal and professional development; population, society, health and illness; foundations of medicine; and clinical skills. Evidence-based educational approaches support students in acquiring appropriate knowledge, attitudes and skills in medicine, surgery, clinical skills, evidence-based clinical practice, occupational and environmental medicine, pathophysiology, pharmacology, ethics and law. Learning activities specific to each specialty area will be linked to the specific clinical placement and may include lectures, tutorials, case-based learning, bed-side tutorials, and practical skills sessions. Previous learning will be extended. By the end of the year students must be capable of undertaking history and clinical examinations of patients with straightforward conditions. | ['Comply with the code of conduct for Monash medical students.', 'Use key ethical and legal principles to discuss and evaluate issues relevant to public health, clinical research practice, and professional standards for patient care.', 'Communicate effectively and appropriately with others in academic and clinical settings (patients, family and carers, peers, and health care professionals).', 'Interact appropriately and work collaboratively with others in clinical settings.', 'Identify, develop and use strategies to meet academic and personal challenges and needs.\n\nTHEME II', 'Explain the impact of social and environmental determinants of health on health status in marginalised groups, including the Indigenous population.', 'Evaluate available programs, interventions and community resources for prevention and health promotion to determine their suitability for a patient or community.', 'Apply key concepts in population health, epidemiology and measurement of health and disease in populations.', 'Describe how the delivery of health care services has its impact on the health of individuals at all levels of the health care system.', 'Effectively search, appraise and implement information from medical research literature, lay press and clinical practice guidelines.\n\nTHEME III', 'Explain the structure and function of the human body at cellular, organ, system and whole body levels.', 'Apply the knowledge and concepts of basic biological, psychological and social science to common and important clinical conditions.', 'Relate presenting complaints and clinical signs to common and important illnesses, conditions and disorders.', 'Explain the pathological processes and causes underlying clinical signs and symptoms for specified illnesses and conditions.', 'Discuss appropriate pharmacological approaches to the management of specified conditions and diseases.\n\nTHEME IV', 'Elicit and record an accurate clinical history appropriate for the patient and the clinical context.', 'Perform and accurately record an appropriate physical examination.', 'Synthesise symptoms and signs to determine the most likely diagnosis and relevant differentials.', 'Competently perform specified clinical procedures.', "Explain investigations and select appropriately for the patient's presenting problems or conditions.", 'Describe management principles for specified clinical problems.', 'Effectively communicate medical information to patients.'] |

PBH2006	This unit explores the options for treatment and management of established health conditions at the individual level.	['Describe the processes by which drugs act on, and are handled by, the human body.', 'Explain the role of drugs in prevention and treatment of specific diseases.', 'Explain the role of other therapeutic (non-drug) interventions in prevention and treatment of specific diseases.', 'Describe how drugs and other treatments are developed, evaluated and regulated.', 'Discuss the social context of drug use and abuse.', 'Discuss the relationship between drug therapy and public health in local and global contexts.']
NUR5218	This unit further extends the students' knowledge and skills relating to the clinical reasoning process to enable them to plan and implement evidence-informed interventions.	['Apply extended skills in diagnostic reasoning to speciality nurse practitioner practice', 'Synthesise and interpret findings from clinical assessment and diagnostic tests to plan and implement appropriate, evidence-based preventive and/or therapeutic interventions', 'Design and develop a learning package targeting advanced clinical decision making relevant to speciality nurse practitioner practice', 'Implement sound clinical decisions that are cognisant of the impact of social and cultural factors on the health of individuals and communities', 'Evaluate the specific health care needs of Aboriginal and Torres Strait Islander peoples and incorporate their cultural beliefs and practices into interactions and care planning', 'Implement culturally safe nurse practitioner practice', 'Critically analyse the scope of nurse practitioner practice in a specific practice area and how it contributes to the organisation and the community', 'Explain the professional, legal and ethical responsibilities associated with the nurse practitioner role to stakeholders', 'Critically analyse clinical issues that support or complicate nurse practitioner practice']
MTH1010	Functions, domain and range, function representation; different types of functions including linear, exponential, logarithmic, trigonometric, polynomial and rational functions; function algebra; composition of functions; inverse of functions; transformations; modelling with functions; rates of change; introduction to differentiation and integration, including techniques and applications.	['Describe the properties of elementary functions by means of tables, graphs and mathematical expressions;', 'Manipulate functions using a range of methods from algebra and calculus;', 'Apply functions and appropriate mathematical tools to model simple physical systems;', 'Communicate mathematical arguments in written form.']

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.']
ATS1321	Although World War I pronounced the death of the nineteenth-century world, the constitutive elements of that period lived on. This unit explores how wars, revolutions, and empires continued to shape the making and re-making of nations - but under new conditions. In particular, we will examine how the interwar crisis of capitalism, decolonization, the Cold War, and our present age of globalization affected the ways in which historical actors reconceived nations and nationalism. Themes covered include the Russian Revolution; Fascism and Nazism; nationalism and revolution in postwar Africa and Asia; religious and market fundamentalisms in the late 20th century. No background knowledge is assumed and students need not have taken Nations at War I.	['The ability to discuss in an informed way the relationship between revolution and social change;', 'An understanding of the distinctions between political and social revolutions;', 'An appreciation of the difference between total war, civil war, cold war and revolution;', 'An awareness of how ideas about race, ethnicity, identity, nationalism and freedom informed; revolutionary movement in the twentieth century;', 'The ability to assess critically visual sources and their contributions to historical memory;', 'The ability to analyse a variety of written historical sources;', 'The development of skills for collaborative learning and group work;', 'The acquisition of solid writing and oral presentation skills;']
ACB1100	This unit provides students with an introduction to financial accounting guided by the Conceptual Framework and Accounting Standards. Emphasis is placed on accounting processes, practices and policies that enable the financial statements to be prepared. Students will integrate theoretical and technical knowledge learned and exercise judgement to explore accounting issues.	['identify and analyse measurement systems and their relationship with the accounting Conceptual Framework', 'apply the principles of double-entry and accrual accounting', 'describe and apply definitions and recognition criteria for assets, liabilities, incomes and expenses as specified in the Conceptual Framework', 'apply principles of selected Accounting Standards and prepare financial statements for business entities including service and retail organisations', 'develop the ability to work effectively in a team; and demonstrate the development of skills in research, judgement and oral 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.']
FOR5012	Paediatric forensic medicine encompasses the medico-legal issues arising from the provision of a medical service to children.	['Evaluate the role of health practitioners in assessing cases of suspected child sexual abuse;', 'Identify and explain sexual development and behaviour in children at different developmental stages;', 'Analyse the ethical and legal issues relevant to cases of suspected child sexual abuse;', 'Assess and compare normal genital anatomy and physiology, and interpret abnormal genital findings and pathological conditions;', 'Apply medical and forensic principles to the evaluation, treatment and prevention of cases of suspected child sexual abuse;', 'Distinguish how protective workers, lawyers and police contribute to the investigation of child sexual abuse;', 'Recognise and assess the medical and legal implications of a sexually transmitted infection in a child.']

ATS3190	The unit deals with the interactions between Jews, Christians, and Muslims from the Enlightenment era to the contemporary period. The historical relationship between these three religious or ethnic groups has sparked considered historical debate and popular misunderstanding. This unit will unpack some of these common assumptions by tracing the evolving relationship between Christians, Muslims, and Jews across Europe, the Middle East, and North Africa. The unit will begin by tracing Enlightenment debates about tolerance and difference that centred around the place of the Jews in modern European nation-states. It will then shift to discussing the social and economic positions of Jews and Muslims in 19th century North Africa, as well as the socio-economic mobility of Jews in 19th century Europe. It will finally move into the twentieth century and cover topics including the emergence of Zionism, the Holocaust and the establishment of the State of Israel, decolonization and the emigration of North African Jews and Muslims to Europe, and contemporary debates about difference in 21st century Europe.	['understand Enlightenment debates about minorities and ethnic difference in the establishment of modern European nation-states;', 'understand the complex web of interactions between Christians, Jews, and Muslims in the modern era;', 'trace the role of colonization and decolonization in North Africa in helping frame the relationship between Jews and Muslims in postwar European society.']
PBH3002	This unit focuses on prevention and control of diseases. Topics include principles of infection, outbreaks, public health control measures, and current issues in disease prevention and control. Public health control measures discussed may include surveillance, modelling, immunisation, antimicrobial therapies, infection control, vector control, screening and risk factor management.	['Identify the distinguishing epidemiological features of infectious diseases.', 'Explain how communicable infections are spread.', 'Interpret epidemiological data on disease surveillance and disease outbreaks.', 'Apply principles of communicable disease prevention to a range of scenarios, and identify which public health prevention and control strategies are appropriate for different diseases.', 'Design and evaluate disease surveillance and control programs.', 'Describe the role of social and political factors in disease prevention and control.', 'Explore similarities and differences in prevention and control strategies for non communicable diseases and communicable diseases.']

CIV2283	An introduction to the nature of civil engineering construction projects. This includes an overview of materials and methodologies in civil construction, as well as the historic approaches and drivers of change. This unit provides an introduction to current construction approaches including:	['Determine general civil road and bridge construction methodology sequencing including the selection of appropriate plant and material and analysis of crane load charts.', 'Determine an appropriate civil construction cost estimate for a specific project through the identification of appropriate work activities and calculation of relevant productivities, quantities and rates.', 'Construct a project schedule in Microsoft Project for a given construction project by applying principles around work breakdown structure and relevant productivities.', 'Construct a Safe Work Method Statement (SWMS), Aspects and Impacts Register, Environmental Management plan and Quality Inspection Test plan; analyse and justify relevant hazards, risks and controls, and comply with relevant specifications.', 'Analyse and justify the selection of a preferred subcontractor from the evaluation of two supplied quotes; formulate an appropriate letter of acceptance and contract documents for the recommended tenderer; execute contract management administration controls to mitigate dispute resolution with other parties.', 'Appraise the use of HSQE and construction management systems in different working contexts and reflect on controls to minimise risks.']
FNA1112	This unit is the second in the Contemporary Practices sequence. It continues to challenge students in a range of leading contemporary art practices and methodologies. The unit promotes a cutting-edge approach to conceptual and material processes through interdisciplinary transaction, material and fabrication procedures. Associated projects are introduced based on theories of contemporary art practices, collaborative practices and individual modes of research focused outcomes. Students will develop inventive and sustainable solutions to a series of projects that will enable them to form the basis of personal methodology and material language.	['Initiate, develop and express conceptual and material solutions to projects set across a range of fine art media;', 'Apply and advance their understanding of a variety of production methods used in the studio environment, have an appreciation of various mediums, their properties and uses, and be able to work with materials and techniques in an experimental and sustainable manner;', 'Apply interdisciplinary approaches within the fine art field at both individual and collaborative levels.', 'Understand the synthesis between observation, analysis, experimentation and critique within fine art production;', 'Contextualise their work and its theoretical and material rationale within the field of fine art practice, and;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']

EAE4063	The unit aims to provide post-graduate students with a work-integrated learning experience that simulates an exploration program for mineral commodities. The unit will be taught as a group project, with students working in teams of 3 to 4 within their own level. The project will require identification of a target commodity based geological and geophysical information, justification of the target selection including a literature review, acquisition and synthesis of the appropriate geological, geochemical, and geophysical data, interpretation of the data, developing of an exploration targeting strategy, and an economic analysis of the program. Projects will be designed to prepare students for comparable experiences in the workplace. Students will develop skills in data synthesis and analysis, geological interpretation, critical and lateral thinking using diverse geoscientific data.	['Students will develop the ability to work in a team environment to achieve project objectives;', 'Students will develop their oral presentation skills that enable them to express the concepts they develop, the data required to test the concept, and the outcomes and interpretations of the simulated exploration program;', 'Students will construct a geoscientific report outlining the objectives, methodology, data required and the outcomes and interpretations of the simulated exploration program;', 'Students will gain an ability to integrate multiple large datasets to synthesise and interpret geological information.']
ATS1212	Consolidation and extension of the work begun in ATS1211. The unit builds on the foundations laid in ATS1211 by developing speaking, comprehension, reading and writing skills. It introduces students to aspects of Ukrainian culture and to simple literary texts.	['NA']
MGS3991	This interactive unit examines principles and practices of leadership which are vital for aspiring leaders of the future. Through a personal portfolio of leadership concepts, character and competencies, students develop their potential for growth as strategic leaders of 21st century organisations. Inspiring stories of leadership successes and failures from exemplary leaders of the past and present, will guide the student's leadership journey to find their own authentic voice. A plethora of cutting-edge leadership materials (research articles, movies and videos, case studies, role-plays, games and self-assessments) will also be featured weekly to enhance the learning experience.	['critically assess the strengths and weaknesses of major theories of organisational leadership', 'formulate a framework of leadership that would help students make sense of their current and future leadership experiences and discern critical lessons drawn', 'develop a higher self awareness of students own personalities, values, attitudes and styles, as well as strengths and weaknesses pertinent to their leadership aspirations', "construct a personal leadership philosophy outlining student's convictions on ethical and compassionate leadership, and its impact in real-world organisational contexts", 'analyse and synthesise crucial roles and positive impacts that managers and leaders can make to organisations and their stakeholders.']

FIT3031	This unit will provide students with an understanding of: OSI security architecture; common information risks and requirements; operation of encryption techniques; digital signatures; public key infrastructure; authentication and non-repudiation; intrusion detection and response; firewall defence; privacy and ethics issues; security configurations to PC-based applications; and design of information systems with security compliance and security standards and protocols.	['describe OSI security architecture and apply common security standards and protocols for network security applications e.g. electronic mail, IP, web and network management;', 'critically assess threats, vulnerabilities and risks to an organisations information assets and propose control technologies and techniques which can be applied to reduce the security risk;', 'apply cryptographic techniques to develop methods to disguise information to ensure its integrity, confidentiality and authenticity;', 'describe the ethical, legal and criminal issues relating to the security of information and computer networks both Wired and Wireless;', 'implement cryptographic algorithms and security protocols to provide security over networks and the Internet using Vitual Private Networks;', 'design system security against intruders and malicious software;', 'apply security configurations to computer and network based applications.', 'describe and apply firewall configurations to protect networks.', 'implement network management protocols and security requirements.']
MAP1000	Aboriginal and Torres Strait Islander culture is the oldest continuing culture in the world some 60,000 years old sustained by a deep understanding of wellbeing.	['Describe Aboriginal and Torres Strait Islander healing ways pre-colonisation to the present.', 'Describe the diversity of Aboriginal and Torres Strait Islander cultures and languages, and illustrate examples.', 'Articulate the concept of cultural humility as a process of lifelong learning.', 'Demonstrate cultural humility and explain behaviours and values required to engage in lifelong learning.', 'Examine key elements attributed to cultural beliefs and practices within the local context (e.g. kinship, reciprocity).', 'Examine Aboriginal and Torres Strait Islander key concepts of health and wellbeing and the influence of culture, family and connection to country in health practice.']
MEC4804	This unit aims to introduce materials that revolutionise the current world with various energy options and future development trends. This unit covers fundamental concepts, principles and applications of energy materials, focusing on the design and development of advanced materials for sustainable energy generation and storage system. The following materials will be discussed, such as semiconductors for photovoltaics, solar cells, thermoelectric materials, piezoelectric materials, fuel cells, hydrogen production and storage. Preparation techniques and testing methods of energy materials will be included.	['Explain the theory and basic principles of materials in energy conversion, storage and utilisation.', 'Assess the role of materials in solving energy crisis due to the reliance on nonrenewable energy sources and their negative impact.', 'Evaluate various materials for emerging energy technologies to determine the most suitable option for a particular case based on the increasing demand for high quality and reliable energy.', 'Perform the design, characterization and preparation of materials for sustainable energy generation and storage system.', 'Analyse structure-property-performance relationships of materials that may improve energy conversion efficiency.']

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.']
ATS1298	In the modern workplace, the ability to communicate well in different forms (spoken and written) and contexts (online, face to face, and formal documents) is highly valued. In this unit we will focus on developing effective communication, particularly in written form, in professional situations. The unit is based in practical exercises to develop your abilities as a writer and also an editor of professional standard texts. We will study and produce types of writing and documents that are essential for you to secure professional employment, as well as to thrive in the kind of professional employment you can expect to find as a graduate.	['identify and use appropriate English in written and oral contexts;', 'plan and design effective documents for varied situations;', 'understand and apply essential features of English usage (grammar and structure) in writing and editing documents, and oral communication in class groups;', 'understand and apply basic principles of information gathering and research (such as short online surveys) in professional contexts through practical assignments;', 'identify expectations of communication based on understanding of different professional audiences and contexts and apply these in documents and presentations;', 'apply understanding of contemporary professional communication issues.']
SCI3716	This unit is designed to introduce intending scientists to the principles of laboratory and workplace management and their obligations as experts and supervisors. It will cover legislation and the responsibilities of both employers and employees in issues such as occupational health and safety; handling of dangerous goods and the analysis, treatment and disposal of hazardous materials. Emphasis will be placed on the assessment and management of these issues in a laboratory and workplace environment. The subject will be taught by programmed learning material and practical work consisting of assessment and discussion of case studies and workplace excursions.	['Discuss selected issues in managing a scientific laboratory;', 'Describe their obligations under the Occupational Health and Safety Act and related legislation;', 'Recognise hazards associated with chemical and biological materials, instruments and ionising radiation and the risks they impose;', 'Undertake a risk assessment and recommend safe working procedures;', 'Outline their legislated obligations in recycling and disposal of hazardous materials;', 'Apply the principles of chemistry, biology, microbiology and physical science to the treatment of hazardous materials;', 'Discuss the effects of waste materials on the environment;', 'Recommend procedures for the analysis and treatment of hazardous wastes before disposal to the environment.']
NUR3001	This unit introduces the student to the concept of evidence based practice and its application to health care. The evidence based practice model will be presented as the framework to encourage students to reflect on the current evidence base of contemporary clinical practices. The unit will introduce the student to the principles underpinning qualitative and quantitative research approaches, the research process and methodology and the ethical issues of undertaking research. Students will explore the different levels of evidence through reviewing research reports on topical issues of practice within healthcare delivery.	['discuss the concept of evidence based practice and its application to clinical practice;', 'discuss the different forms of knowledge acquisition in nursing and midwifery;', 'describe the philosophical underpinnings of qualitative and quantitative research;', 'demonstrate a knowledge of the key aspects within the research process;', 'discuss the ethical principles underpinning research process; and', 'assess the quality of evidence derived from nursing and midwifery research literature.']

ATS2653	The unit provides an introduction to the diversity of Japanese language in context and a foundation in Japanese applied-linguistics, socio-linguistics and intercultural communication. It aims to expand your understanding of Japanese language and society, and your awareness of how language is used to express social meanings and identity. Drawing on research utilising a range of sources, including popular culture, the unit explores topics such as language structures, styles and variation, politeness and implications for identity. You will be encouraged to think comparatively and to explore similarities and differences between Japanese and other languages. Classes are designed to be relevant to students from Intermediate to Advanced levels of Japanese, including native speakers.	['apply theories and analytical methods to examine Japanese language use and practices;', 'discuss issues related to communication in Japanese, including intercultural communication;', 'critically reflect upon their own experiences of learning and using Japanese;', 'locate, summarise and critically review relevant research, both orally and in writing.']
OCC2014	The unit uses an integrated scenario/case-based learning approach.	['Apply critical appraisal, critical reasoning and critical thinking skills to occupational therapy scenario-based learning', 'Clearly articulate to clients the specialist contribution of occupational therapy to health service intervention', 'Describe occupational justice issues in the allocation and distribution of resources within services', 'Recognise the rights of consumers and carers and integrate their lived experience of health needs into service planning and delivery', 'Apply key theoretical models of human occupation to client-centred occupational therapy assessment, and goal setting', 'Appraise occupational therapy assessment tools and apply them in clinical contexts to evaluate occupational performance and occupational engagement', 'Describe and apply the principles of occupational analysis and grading and adaptation of occupations to a therapy situation', 'Locate, retrieve and use resources to inform decision making about health and occupational issues.']

ATS2385	How has war shaped Australians and Australian society and why has war become central to national mythology and identity? This unit explores the experience of Australians at war - both overseas and on the home front - from confrontations between indigenous Australians and European settlers on the colonial frontier through the major conflicts of the twentieth century, with a particular focus on the two World Wars. We examine the 'face of battle' and how war affected men and women on the front line (including indigenous servicemen), and we consider how war was experienced on the home front and reshaped Australian society. We explore the contested creation of an 'Anzac legend' and how war challenged and consolidated social relations and national identities. Students will undertake hands-on research using the rich primary source record of Australians at war, including service records, diaries and letters, oral histories, photographs and repatriation files that illuminate the impact of war on veterans, their families, and their communities.	["demonstrate a critical understanding of the history of Australia's involvement in war and the significance of that involvement, and have interrogated the mythologies that have grown up around Anzac;", 'exhibit an in-depth understanding of the lived experience of war and an ability to interrogate personal testimonies.', "show an awareness of the historical and social context of Australia's involvement in particular campaigns and how these have redefined Australia's relationship with the region and the world;", 'have built the capacity to research and critically evaluate topical and historiographical debates regarding the impact of war on Australian identity and society.', 'have developed skills in constructing evidence-based arguments using a variety of primary and secondary sources, and demonstrated their ability to reflect critically on what they have learnt.', 'have developed skills in written and oral presentation and communication.']
ASP5001	Students undertake a research project involving original work on a topic chosen in consultation with an academic supervisor. The topic may be a continuation of research completed in ASP4002Not offered in 2019, enabling a deeper insight into a larger research problem. In this case, it is expected that the research outcomes will also be suitable for submission for publication in a peer-reviewed international journal.	['Understand, use and explain the basic concepts and principles of the research literature which underpin the chosen area of astrophysics research.', 'Synthesise and interpret the knowledge gained in the study of the underpinning research literature. This leads to the ability to identify a niche topic or topics within this existing body of literature, which represents a gap in current knowledge. This problem should be suitable for original research.', 'Solve an outstanding problem or problems in the chosen area for original research.', 'Present the results of the original research in written form as an interim thesis, and also present key thesis results in oral form as an interim seminar.']
HSC1300	This unit provides an introduction to the course of disease for common health conditions, and their impact on individuals and populations.	['Explain the biological basis of selected human health and disease.', 'Describe the pathophysiology and course of disease for selected human diseases.', 'Identify the social and individual factors contributing to selected human disease.', 'Explain the consequences of selected human diseases for health systems, society and epidemiology.', 'Critically appraise a current topic in human health and disease using relevant, high quality sources.', 'Develop organisational and communication skills in a small team environment.']

AHT3102	International Art 1945-1990 covers the art produced in the second half of the 20th century and its relevance to contemporary practice. Various actions, interventions and critiques of institutions, museums and the art market will be considered, as well as feminist, queer and non-Western perspectives. An objective of the unit is to reach an understanding of the way art-historical discourses promote and exclude certain practices and practitioners (especially due to gender, race, sexuality and location), with an emphasis on incorporating recent research on artists who were previously excluded from the historical "canon".	['Identify a number of major Western and non-Western artists and art movements after the War;', 'Apply a range of methodological approaches to this art;', 'Employ a critical perspective onto existing constructions of art history;', "Demonstrate an ability to respond to thoughtfully and critically respond to images in one's own words."]
FIT1033	This unit is an introduction to the techniques, frameworks and processes comprising 3D modelling and 3D imaging. Foundations of 3D aims to give students an understanding of 3D modelling by developing skills in 3D model creation for a variety of contexts, including 3D prototyping, 3D visualisation and 3D modelling for games and animation. Students will communicate their knowledge of 3D theory through the production of designs that demonstrate geometrical modelling, texture mapping, virtual lighting techniques, camera positioning, and rendering procedures.	['evaluate and assess techniques used in the 3D creation process;', 'research, evaluate and implement 3D geometry, 3D texturing and 3D rendering techniques;', 'develop and modify 3D models and 3D environments;', 'design, create and detail 3D models and 3D scenes for diverse media.']
AZA3546	Environmental impact assessment (EIA) has become an important environmental planning tool, aiding decision-makers in mitigating the environmental impact of projects and policies and providing critical information to guide decisions about whether some projects and policies should be rejected.	['Understand and explain stages in the EIA process;', 'Understand and describe methods used in undertaking EIA;', 'Understand the interface between project and EIA life cycles;', 'Knowledge of legislative frameworks for environmental decision-making (EDM) and values in EIA;', 'Knowledge of EIA institutional, legal and policy provisions in Southern Africa and elsewhere;', 'Ability to critically analyse proposed development project plans for possible environmental effects and identify mitigation measures.']
APG5547	The unit builds on core units APG5095 and APG5096 by introducing students to the day-to-day function of a working TV/radio studio. Students will learn the key skills required in broadcasting a program for TV and Radio including content production, studio equipment operation and presenting/interviewing skills. Students will critically consider the challenges of news and current affairs studio production. Students will also make use of a purpose-built newsroom for the learning of multimedia production techniques.	['research and source radio and television content for broadcast purposes;', 'work independently to record, film, voice and edit compelling radio and television stories;', "recognise and respect key ethical and legal obligations associated with broadcast journalism and reflect critically on their own and others' performance in this regard;", 'present live radio and television bulletins under pressure;', 'identify local, national and international people and events relevant to current and media issues;', 'operate a range of studio technology for the production of video and audio programs.']

MKF3461	The primary aim of this unit is to explore the use of marketing communication to build and sustain brands, based on knowledge of how communication works, the institutions which participate in the process and the practical business processes necessary to achieve and measure defined communication goals. In particular, students will be able to understand the integrated nature of communication and develop a full appreciation of advertising, sales promotion, public relations, publicity and direct marketing in a digital and contemporary environment.	['understand and describe communication theories, processes and models', 'construct an integrated marketing communication plan, including situation analysis, target audience analysis, communication objectives, communication strategy, creative strategy, media strategy, scheduling, budgeting, and monitoring and evaluation procedures', 'discuss, present, and critically evaluate practical issues in marketing communication using appropriate theories and terminologies.']
EAE4100	The unit represents the Honours research program for the School of Earth, Atmosphere, and Environment and will consist of a research project combined with coursework taken in EAE4200. The research projects will span the discipline of Environmental, Atmospheric Sciences as well as Geology and Geophysics.	['Synthesise and summarise current knowledge from the literature.', 'Raise and develop a scientific question after conducting literature reviews.', 'Propose a method to test hypotheses relevant to the science question.', 'Carry out a research project with a high degree of independence.', 'Collect data relevant to the science question.', 'Provide an objective analysis of the data.', 'Develop a sound interpretation of their data and discuss their interpretation in a scientific manner.', 'Communicate their findings in a written form.']
ASP5000	Students undertake an advanced research project involving original work on a topic chosen in consultation with an academic supervisor. The topic may be a continuation of research completed in ASP4000, enabling a deeper insight into a larger research problem. In this case, it is expected that the research outcomes will also be suitable for submission for publication in a peer-reviewed international journal.	['Understand, use and explain the basic concepts and principles of the research literature which underpin the chosen area of astrophysics research.', 'Synthesise and interpret the knowledge gained in the study of the underpinning research literature. This leads to the ability to identify a niche topic or topics within this existing body of literature, which represents a gap in current knowledge. This problem should be suitable for original research.', 'Solve an outstanding problem or problems in the chosen area for original research.', 'Present the results of the original research in written form as a thesis, and also present key thesis results in oral form as a final seminar.', 'Defend the results of the original research in an oral exam.']
CIV5301	This unit develops students' understanding of contemporary topics in traffic flow theory and their applications. The unit introduces fundamental traffic variables and relationships and examines how they are used to represent both microscopic and macroscopic traffic flow conditions. Analytic techniques appropriate to the design and operation of traffic systems are considered for both interrupted and uninterrupted flow situations.	['describe advanced contemporary traffic flow theories and apply to solve practical traffic problems', 'apply analytical techniques in the design and operation of traffic systems', 'evaluate the role of Intelligent Transport Systems in Dynamic Traffic Management']

PAR1031	This unit examines the current and evolving role of the paramedic and explores how prehospital medicine is practiced in Australia.	['Describe contemporary paramedic practice and identify how ambulance services operate within Australia', 'Recognise key hazards and challenges to wellbeing faced by paramedics, and implement essential self-care skills to ensure success in future practice', 'Identify and use professional language and behaviours appropriate for a paramedic practice', 'Define commonly used medical terminology', 'Describe models of communication and explain the barriers to effective communication and how these can impact patient care', 'Describe and discuss legal and ethical concepts pertaining to the delivery of paramedic care']
BEX6400	NA	['NA']
CHM1011	CHM1011 has been designed such that some previous understanding of chemistry is presumed, but is also underpinned by a support structure for those who are relatively new to the subject. The curriculum focuses on general and physical chemistry principles which in turn complements the synthetic chemistry topics discussed in the subsequent unit, CHM1022. On completion of CHM1011, students will have gained an understanding of atomic structure, how atoms and molecules interact with each other and how this affects their bonding, reactivity, 3D structure and physical properties. A number of important topics such as stoichiometry, intermolecular forces, thermodynamics, kinetics, equilibria, and electrochemistry will be developed in order to prepare students for a deeper exploration of chemistry. The concepts developed within the workshops and tutorials are complemented through a laboratory program where students will have the opportunity to develop analytical techniques and design their own experiments to solve a range of chemical problems.	['Discuss the features of atomic structure and the construction of the periodic table of elements;', 'Interpret relationships between electronic structure and bonding;', 'Explore a wide range of molecular structures and investigate aspects of stereochemistry such as isomerism and chirality;', 'Distinguish between ideal gases and real gases;', 'Recognise factors which give rise to polarity and its relationship to intermolecular bonding;', 'Define the first and second laws of thermodynamics and apply enthalpy and entropy;', 'Discuss factors which give rise to chemical kinetics;', 'Apply acid-base chemistry in the understanding of dynamic equilibria;', 'Discuss the basic principles of redox reactions and electrochemistry;', 'Foster the acquisition of practical skills by exploiting an inquiry-based approach to the chemistry laboratory experience;', 'Communicate chemistry, and discuss the social and environmental responsibility of chemists in the global community.']
FIT5140	This unit focuses theoretical concepts, applications and research issues of mobile software. Students will learn techniques to design and develop mobile applications. A number of different toolkits/development environments will be discussed and used for the practical component of the unit. Interaction between mobile applications and other systems such as sensor networks or web systems will also be explored.	['describe the principles and theoretical concepts of mobile software systems;', 'explain different mobile systems toolkits and development environments;', 'utilise techniques for developing mobile applications;', 'develop mobile applications;', 'integrate mobile applications with other systems, such as sensor network systems or web systems.']
MBA5112	Topic 1 - Business models and strategy	['integrate the knowledge and skills gained to evaluate an organisations strategy and develop recommendations', 'integrate the knowledge and skills gained to evaluate an organisations marketing strategy and develop recommendations', 'integrate the knowledge and skills gained to evaluate an organisations financial performance in the context of the recommended strategy.']

FIT2086	This unit explores the statistical modelling foundations that underlie the analytic aspects of Data Science. It covers:	['perform exploratory data analysis with descriptive statistics on given datasets;', 'construct models for inferential statistical analysis;', 'produce models for predictive statistical analysis;', 'perform fundamental random sampling, simulation and hypothesis testing for required scenarios;', 'implement a model for data analysis through programming and scripting;', 'interpret results for a variety of models.']
APG5081	This unit provides broad coverage of public health ethics, which has been one of the fastest growing subdisciplines of bioethics during the 21st century. Following philosophical analysis of the concept and goals of public health, it examines ethical issues associated with health promotion, obesity, tobacco, vaccination policy, pandemics and other public health emergencies, global justice and access to medicines, social determinants of health, public health research and surveillance, and 'nudge' interventions.	['To obtain familiarity with ethical issues arising in public health practice and policy making;', 'To understand the ethical frameworks and principles specific to public health practice and policy making;', 'To be able to use public health ethics frameworks and principles to arrive at well-argued conclusions about particular dilemmas in public health practice and policy making;', 'To be able to critically engage with the public health ethics literature and construct arguments for novel conclusions in relation to that literature.']
APG5349	Explore the varieties of English around the world. You will study descriptive surveys of the main national standard Englishes, as well as a selection of the distinctive regional, ethnic and social varieties. Specific topics in this unit include: historical and cultural background and the current sociolinguistic situation of the respective regions; special focus on the non-standard varieties of Australasia and the Pacific; global tendencies in phonological and grammatical variation; notion of Standard English, attitudes to local varieties of English and the problem of standards.	['Describe the distinguishing linguistic features and historical development of a range of English varieties and the statuses and functions of these varieties in the various societies in which they are used,', 'Analyse the attitudes which users of English have adopted with respect to these varieties, and how this impacts on issues of status and function', 'Explore new situations involving language varieties (English or other) in these terms', 'Understand and apply the practical upshots of these considerations in professional realms (education, language planning, etc.)']
PHA3042	Modern drug development will provide the student with an appreciation of the process of discovery, testing, approval and marketing of new drugs. This will include the diseases most likely to be targeted by pharmaceutical companies for drug development; the technical issues underlying drug discovery; the role of genomics in identifying novel targets; rational drug design; the importance of screens including molecular models and high throughput screening; disease models; case studies illustrating the successful development of drugs. Career opportunities in all aspects of drug development will be highlighted.	['Discuss the steps involved in the drug discovery process, including sources of drugs, how targets are identified and screening processes that can be used to test for desired activity;', 'Discuss the steps involved in developing a commercial product from a potential drug candidate, including the relevant regulatory framework and marketing considerations;', 'Critically evaluate methodologies and data from experiments in the context of the drug development process;', 'Obtain, present and interpret data from pharmacological experiments relevant to the area of drug development;', 'Source, integrate and critically evaluate the scientific literature to address an issue in the area of drug development and to communicate this orally, in written form or via a poster presentation;', 'Work both independently and as part of a team.']

FIT3088	Computer graphics is concerned with the creation of synthetic images and virtual worlds. This unit introduces the essential algorithms, theory and programming concepts necessary to generate interactive 2D and 3D graphics. Students will gain practical experience using the industry standard OpenGL API to develop their own interactive graphics applications. The topics covered form the basis of core knowledge necessary for developing applications in scientific visualisation, virtual reality, visual special effects and computer games.	['demonstrate the mathematical foundations for modelling 2D and 3D primitives such as points, lines, polygons and polyhedral, and explain how these primitives can be transformed using affine transformations;', 'compose and apply basic graphics transformations using homogeneous coordinates;', 'explain how a 2D view of a 3D scene can be produced using hidden surface elimination algorithms and parallel and perspective projections;', 'describe techniques for producing realistic depictions of scenes using techniques like textures and texture mapping, shadows and BRDF shading models such as Lambert, Phong, Blinns Phong, Torrance-Sparrow-Blinn-Cook-Beckmann, Oren-Nayar, radiosity and ray-tracing;', 'decompose the problem of producing graphics output into modelling and rendering components and apply this decomposition to produce well-structured graphics programs;', 'write simple programs using graphics software based on standards like OpenGL for producing 2D and 3D scenes.']
ATS2612	This intensive course of 4-week's duration departs from Melbourne in mid-November. It involves interdisciplinary study, conducted in the city itself, of the political, social and cultural history of Florence, from the late thirteenth to the early sixteenth centuries, with particular reference to the Renaissance period. Students who have not passed ATS1316 and ATS1317 should do the preliminary reading with great care.	['A knowledge of the city of Florence itself - including its churches, palaces, museums, piazzas, monuments and streets - as an artefact of its complex history', 'The development of the requisite skills to interpret the Renaissance aspects of that artefact within an historical framework', 'Enhanced skills in the critical and analytical reading of a variety of texts, including contemporary documents, religious and polemical literature, historical scholarship, physical monuments and visual representations', 'An acquaintance with the considerable body of knowledge that has been built up about late medieval and Renaissance Florence (in the context of Italian history in general)', 'A critical understanding of this fascinating society and its historiography', 'The ability to use this knowledge (1, 3, 4, 5) and these skills (2) as a capital source for contributing to an understanding of the Renaissance city, its society and culture.']
PAR5200	This unit is designed to provide an introduction to the concepts of working within an aeromedical environment.	['Examine and explain the basics of aviation, including meteorology in relation to both rotary and fixed wing aircraft;', 'Apply principles of aviation physiology within a practical work environment;', 'Evaluate the integral role of retrieval medicine within the broader health care system, identifying all of the factors to be considered when coordinating an aero medical retrieval;', 'Identify and discuss integral parts of Aviation safety including Crew Resource Management (CRM);', 'Identify and employ safety considerations when working around both rotary and fixed wing aircraft;', 'Synthesise and explain self-preservation techniques and examine a variety of considerations in relation to surviving an incident.']

ACF2100	This unit examines financial accounting issues associated with the operation of corporate structures. Topics include financial reporting requirements, financing company operations, business combinations, the nature of corporate groups, the preparation of consolidated financial statements and financial statement analysis.	['explain the regulation of companies and the content of company financial reports', 'critically examine current issues and disclosure requirements in financial reporting', 'apply accounting standards and the conceptual framework in the preparation and presentation of financial reports for consolidated entities', 'demonstrate accounting knowledge in areas such as company operations, taxation, property, plant and equipment, acquisitions, group accounting and financial statement analysis', 'apply critical thinking, research, problem solving and written and oral communication skills to demonstrate the acquisition of a comprehensive understanding of the topics covered by this unit.']
LAW4123	Topics include: an overview of international organisations and the role they play in the development of international law; the sources of international institutional law; the United Nations, including the General Assembly; the Security Council, peacekeeping operations and human rights; global judicial bodies including the International Court of Justice and War Crimes Tribunals; international economic organisations including the IMF and the World (IBRD); regional organisations particularly APEC; the effectiveness of international organisations including enforcement issues and prospects for reform.	['acquired an understanding of the development and practice of international organisations and their role in developing international law', 'an understanding of the roles, structure, functions and practice of international organisations', 'a general knowledge of regional organisations particularly in the Asia Pacific region and the unexplored links between regional organisations and global governance', 'examined some particular case studies which evaluate the effectiveness of international organisations and the current issues they face', 'enhanced their presentational, legal research and legal writing skills.']
MEC6882	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.	['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.']

SWM5108	Supervised Professional Practice 2 enables students to observe, practice and critically reflect on the role of social work in a health or human services context and to further develop a professional social work identity.	['Apply the AASW Code of Ethics to the practice context.', "Identify the placement provider's legal and political context within the health and human services field.", 'Explain the legislation and social policies that influence the field of practice.', 'Articulate the theories and methods relevant to the placement context and critically reflect on their use and application.', 'Apply effective communication skills within the placement context.', 'Assume responsibility for self-learning and professional development while on placement.', 'Critically apply knowledge of assessment, intervention and referral skills to the field of practice.', 'Critically analyse different types of social research and their application to social work in the context of the placement setting.', 'Interpret and adapt knowledge of cultural diversity in order to work in a culturally responsive and inclusive manner in a social work context.\n\nStudents must also provide evidence of completion of at least 500 hours of field placement.']
AMU2690	The unit provides learning opportunities for students to become experientially and intellectually literate with the varied contemporary social, cultural, political, economic, and environmental realities of various countries in the Asia-Pacific region.	['recognise and explain the key socio-cultural, economic, political, developmental and environmental challenges facing the country/countries visited in relation to the wider Asia-Pacific region;', 'evaluate a range of social responses to these challenges in the Asia-Pacific region;', 'critically reflect on the application of their theoretical knowledge to real-world issues;', 'communicate effectively in both written, digital and oral formats;', 'work collaboratively;', 'identify and utilise skills in intercultural competency.']
ATS1141	This unit aims to develop knowledge, strategies and skills to interact in Japanese, in situations likely to be encountered in Australia and Japan and to establish a firm foundation of linguistic, sociolinguistic and sociocultural knowledge which can be creatively applied in a variety of situations.	['Understand simple greetings, self-introductions, and simple dialogues, based on routines practiced in class.', 'Read simple and familiar texts written in hiragana, katakana and basic kanji.', 'Participate in interactions, using basic vocabulary and grammar practiced in class.', 'Write/type simple sentences using hiragana, katakana and approximately 60 kanji,.', 'Demonstrate a basic knowledge of some aspects of Japanese society and culture.', 'Apply basic research skills to find relevant information about given topics, organise, synthesise it and communicate it.']

ATS3070	This unit involves students in teaching and learning activities equally developing language skills and cultural competence. It extends skills developed in in the areas of exposition and argument, with a focus on specific expository techniques: document synthesis and oral presentation of a sustained argument involving critical awareness of issues in contemporary France. Students develop advanced language skills and competence in the theory, research methodology and practices, and discourses involved in sophisticated critical enquiry, understanding and analysis in an area of French studies, working under guidance to define and carry out a project.	['advanced analytical, expository and argumentative skills in the context of writing a synthesis of several documents and making a presentation on a given general topic;', 'advanced knowledge and understanding of modern and contemporary France and its culture;', 'more powerful explicit understanding of and competence in the theory, research methodology, practices and discourses of an area of French studies;', 'the advanced language skills involved in developing critical enquiry and analysis and expressing outcomes and understandings in the framework of a research essay; individual and cooperative research skills, including;', 'individual transferable research skills in accordance with the Research Skill Development Framework.']
MMT5002	This unit is an extension of the minor thesis unit enrolled in to gain extra time to complete minor thesis work.	['NA']
TRM4002	Translational research is a growing and exciting new discipline in medicine that deals with the development of fundamental scientific findings into tangible clinical outcomes. Translational researchers are involved in identifying a worthwhile scientific finding that can be applied to a clinical setting. Along this research and development pipeline are a series of critical check-points that provide the investigator vital tools to generate a valuable result that has merit for translation. This unit will establish a fundamental knowledge in the processes involved in developing a basic science finding through to clinical studies. The unit provides workshop-based learning in the development of discipline-specific laboratory research questions and how they are applied to broader clinical applications. The main focus of this unit is to identify how fundamental scientific questions may have multidisciplinary clinical answers. Other core learning outcomes are through understanding how scientific concepts can be marketed and communicated effectively through research pipeline procedures and the responsibilities of the researcher that may be derived from this.	['Identify the pathways to commercialisation and compare the translation of research conducted primarily through universities with that of industry.', 'Define the criteria for engaging in contract research projects with stakeholders from industry, government and academia.', 'Discuss Good Laboratory and Good Manufacturing Practice in the context of commercialising protein and bio-product research.', 'Apply Good Laboratory and Good Manufacturing Practice to the stages of scale-up, production and downstream processing of a bio-product.', 'Identify and select platform technologies appropriate to a specific multi-disciplinary research project.', 'Outline the key criteria for assessing promising drug candidates during the discovery process and discuss these using recently developed pharmaceutical examples.']

FIT2095	Non-B2B e-Business applications are now mostly developed for Web and mobile platforms. With the advent of mobile Web apps a set of technologies and techniques has emerged that are shared by both Web and mobile application development. This unit introduces, explains and uses these technologies and techniques to build basic but industrial strength e-Business applications. The topics covered will be selected from the following: an overview of the current state-of-play in e-Business application development, HTML5 (the living standard), CSS3, object oriented JavaScript for large developments, JavaScript APIs, Ajax, JSON, XML and related W3C technologies, jQuery, jQuery Mobile, MVC, ASP.NET MVC, ECMAScript 2015 and beyond, Angular, TypeScript, React. The appropriateness of the selected technologies in different contexts, together with relevant best practice techniques for their use and integration will also be covered.	['describe the current technological options with respect to e-business application development and the most likely trends going forward;', 'analyse and debug existing e-Business applications;', 'design, code and test basic e-Business applications using current industrial strength techniques;', 'describe and use some of the core APIs used in e-Business applications;', 'apply good programming practices in accordance with industry standards and professional ethics.']
GRS4202	The new reproductive technologies are now widely used for the treatment of human infertility and for prenatal diagnosis of familial genetic disorders. These techniques involve in vitro fertilization (IVF) and therefore require a sound knowledge of reproductive endocrinology, cell biology and specific techniques involved in the handling and maturation of human sperm and ova. Micromanipulation is an important new method required for fertilization (intracytoplasmic sperm injection - ICSI) and chromosome or genetic diagnosis (embryo biopsy for fluorescent in situ hybridisation - FISH, or polymerase chain reaction - PCR amplification of genomic DNA). This unit also involves the new and rapidly changing areas of cell and tissue cryobiology and transplantation. Specific tests are now also evolving for assessment of embryo viability, particularly now that embryos can be grown successfully to late preimplantation stages of development. These new techniques are presented in the context of laboratory quality assurance and the ethical and legal frameworks of local legislation and regulation.	['understand the clinical and laboratory techniques required for successful IVF, the reasons for the methods used, and why quality assurance is a premium for clinical IVF services;', 'comprehend the limitations of the procedures applied in human infertility and genetic diagnosis;', 'understand and have experienced micromanipulation, the handling of embryos (animal) and their cryopreservation, and have used the FISH technique to identify chromosomes in single cells;', 'have learned about ethics and the laws governing IVF, and assessed new articles on IVF;', 'have worked together to solve a problem and presented their solution as a poster; 6. be familiar with evaluating and communicating a critical review of contemporary scientific research papers.']
MKF5912	Making decisions without a true understanding is like walking in the dark. One way to acquire reliable and relevant information is through conducting rigorous marketing research. In this unit, you will learn a systematic and objective process for generating information to aid in making marketing decisions. You will not only learn how to formulate a marketing research problem and write a research brief from a managerial perspective, but also how to choose an appropriate research design and produce a research proposal from a researcher perspective. Finally, you will learn how to collect and analyse data, and how findings from a research report can be used to guide better managerial decisions.	['identify key concepts and methods for conducting marketing research', 'formulate marketing research problems and/or opportunities', 'develop skills on how to formulate appropriate research design', 'conduct data analysis and interpret results from a marketing perspective', 'develop and present a research proposal', 'interpret marketing research findings to assist managerial decision making.']

SCI4502	Students will collaboratively design and develop a solution/s to a real world problem identified by innovative industry partners. During this unit students will acquire practical skills in project design and management, negotiation, workplace communication and innovation to harness the skills and knowledge gained through previous impact through science units. The student's professional knowledge and skills will be developed through on-line modules, workshops and industry mentoring. Through this unit, students will gain exposure to professional practice and build relationships by having access to industry partners through the project. The unit will culminate in the presentation of a Challenge project report that outlines the solution to the problem presented by industry partners.	['Demonstrate project management to identify a feasible scope, timeline and resources needed to execute the project;', 'Work with others to articulate a feasible project plan using persuasive presentation skills;', 'Produce an innovative and feasible solution/s to a defined problem that utilises evidence and knowledge of the industry;', 'Reflect upon the development of professional skills gained through the unit and by seeking feedback from industry mentors, peers and academics and acting upon it;', 'Demonstrate active participation in the design, development and implementation of a project to a high standard of professionalism;', 'Demonstrate and reflect upon how to collaborate with others and effectively negotiate with a partner organisation.']
AMU1310	This unit shows how gender is the primary analytical category across multidisciplinary fields of study in Asian and global contexts. These fields of study include but are not limited to: culture or the Arts, media and communications, business or economy, education or pedagogy, sociology, politics, psychology or sports, sciences or health and religion or theology. Gender Studies as a specialised discipline as such, foregrounds or privileges a gendered perspective and analysis across these multiple sites of study. Other analytical categories such as class, ethnicity, nationality and sexualities that intersect with gender are also considered.	['Identify relevant resources and key issues;', 'Relate key issues to different disciplinary contexts;', 'Discuss key debates from a gendered perspective within and across disciplines;', 'Examine the extent to which gender as a primary analytical category is useful;', 'Formulate and structure a logical and coherent argument that is well supported by relevant evidence;', 'Communicate perceptively, effectively and with cultural sensitivity;', 'Demonstrate ethical values, cross-cultural competency as a responsible and effective global citizen.']
MAE4410	On completion of this unit, students will have an understanding of the key elements of aircraft performance analysis as used in aerospace vehicle design. A student project, involving the initial design stages of a flight vehicle, will integrate these studies. Various characteristics of aircraft performance and their design implications will be examined including whole-aircraft drag polar, power plant characterisation, thrust required in level flight, maximum speed estimation, minimum speed and high-lift devices, rate of climb, gliding, range, endurance, accelerated flight, structural limitations on performance, and design for longitudinal and lateral stability. Mission analysis and preliminary weight estimation based on a design concept will be examined together with the aerodynamic synthesis to satisfy performance requirements, power plant selection, overall vehicle layout and balance. Trade-offs as a necessary part of the design will be apparent to students on completion of this unit.	['Justify preliminary aircraft sizing based on mission requirements and weight correlations.', 'Draw upon constraint analysis to size aircraft propulsion and lifting surfaces to meet specified performance requirements.', 'Generate aircraft layouts to appropriate Joint Aviation Requirements (JARs).', 'Predict aircraft drag polars by a variety of methods.', 'Construct an appropriately dimensioned and labelled 3-view drawing of final aircraft design.', 'Manage the distribution of aircraft components to appropriately locate the aircraft centre of gravity.']

APG5482	The unit is designed for students who want to acquire extended competency in Chinese, Japanese or Spanish, as relevant to specific professional settings, while examining key issues in inter-cultural communication in real life settings.	['communicate competently in a professional setting in a second or additional language;', 'analyse the specific cultural environment in which that language is deployed;', 'evaluate issues around intercultural literacy and its importance in diverse workplaces;', 'utilise language learning and communication strategies;', 'critically reflect upon their own experiences of learning and using another language.']
ATS3275	The European Union is a unique historic and political achievement. It helped turn Europe into a zone of peace and contributed to the consolidation of democracy in the post-fascist and communist eras. Yet it is also a polity in profound crisis. It is challenged from within by critics of its own democratic credentials in the wake of the Eurozone crisis and from without by security threats from a resurgent Russia and an influx of refugees. Students completing this unit in Prato will gain a deep understanding of the origins of today's European Union and the pathologies of its multiple crises. They will simulate policy paths out of the EU's 'wicked' problems and leave Prato equipped to respond to the global repercussions of the challenges facing the 'new Old World'.	['explain and analyse the course and dynamics of European integration since the end of the Second World War;', "identify and explain the origins of the European Union's current crises in a global context;", 'identify and appraise the architecture of the European Union and how this shapes responses to current crises;', "distinguish between 'European' and 'national' responses to the crises and the inter-play between these two levels of European Union governance;", 'integrate one set of academic literature (European integration theory and history) with another (European politics and international relations);', 'undertake a research analysis of an important aspect of European integration or a major policy area, utilising primary and secondary-source materials with written feedback.']
MGM5310	International strategic management; ethics and social responsibility, communication and interpersonal relations; employee attitudes and motivation; cross-cultural leadership; control and conflict issues, international human resource management and comparative industrial relations.	['evaluate the changing nature of international management process', 'relate management theory to varying and different cultures', 'describe and explain the complex challenges facing business and managers in a cross-cultural setting', 'critically compare and contrast a range of cross-cultural variables in the international business management environment and understand their impact on international management.']
PGC5110	This unit will provide a broad overview or introduction to the treatment and management of infectious diseases. The focus will be on common infections seen in community and hospital settings, principles of microbiology and infectious diseases, antimicrobial use, and antimicrobial stewardship. The broad unit objectives are for students to develop and apply infectious diseases and antimicrobial use knowledge and skills in the care of patients, especially those with infections. These may be patients in the community or hospital settings. The knowledge and skills developed will be at a general level rather than at the level required for a specialist infectious diseases pharmacist.	['Prepare and analyse treatment plans that optimise the use of antimicrobials.', 'Recommend evidence based approaches to manage patients requiring antimicrobial treatment.', 'Demonstrate critical thinking, communication skills relevant to peers and patients and problem-solving, with a focus on infectious diseases related and antimicrobial related topics.', 'Critically reflect on their individual learning process and progress in clinical competence.']

| ATS3903 | Leadership is indispensable to politics. Yet leadership is a problematic concept within liberal democracies that have traditionally set out to devolve authority and check against concentrations of power. This unit explores political leadership within liberal democracies using Australia (prime ministers) and the United States (presidents) as its primary empirical reference points. It examines how political leadership has been theorised from classical to contemporary times, including the application of psychology to understand the motivations and classify the behavioural repertoires of leaders. The unit considers how leaders are constrained by context ('the times') and institutional settings. It asks whether leaders make history or are prisoners of it and why certain leaders become associated with transformative change. The unit also explores two of the fundamental functions of political leaders: persuasion and decision-making. It investigates whether it is possible to identify the qualities of successful political leadership. Finally, the unit takes stock of political leadership in the early twenty-first century: an era in which leaders have never seemed more central to politics and yet the challenges of leadership so great. Students will be given the opportunity to choose a leader on which to focus to explore the themes addressed in the unit. | ['discuss how liberal democracies have traditionally addressed the issue of leadership;', 'explain some of the influential theories of political leadership, including the application of psychology to political leadership;', 'evaluate debates about the role of individual political leaders and historical causation;', 'analyse the major forces impinging upon the practice and challenges of political leadership in the early twenty-first century;', 'apply theoretical understandings to a case study of political leadership;', 'communicate research findings orally and in writing.'] |

MPH5282	Overview of communications and training skills needed for community health work in developing countries. Training strategies for community health work including adult learning principles, theory and application, design and program establishment options, facilitation skills and Participatory methods. Communication strategies for health promotion. Communication skills for effective health management, report writing and cross-cultural communication. Practical approach to design and implementation of training programs and health promotion strategies.	['Training strategies for community health work:\n\n\ngain knowledge of the principles, theory and application of adult learning in relation to participatory training of health workers in developing countries, competency based training, distance learning, training of trainer methods;\ndevelop skills in the design and establishment of training programs; and\nincrease knowledge and gain skills in a range of participatory training methods and facilitation methods.\n', 'gain knowledge of the principles, theory and application of adult learning in relation to participatory training of health workers in developing countries, competency based training, distance learning, training of trainer methods;', 'develop skills in the design and establishment of training programs; and', 'increase knowledge and gain skills in a range of participatory training methods and facilitation methods.', 'Communication strategies for health promotion:\n\n\ngain knowledge of principles, theory and application of communication strategies for health promotion;\ndevelop skills in the design and establishment of communication strategies for health promotion; and\nincrease knowledge and gain skills in a range of participatory methods for development and delivery of communication strategies for health promotion.\n', 'gain knowledge of principles, theory and application of communication strategies for health promotion;', 'develop skills in the design and establishment of communication strategies for health promotion; and', 'increase knowledge and gain skills in a range of participatory methods for development and delivery of communication strategies for health promotion.', 'Communication skills for effective health program management;\n\n\nfurther develop skills in report writing and presenting; and\nfurther develop skills in cross-cultural communication.\n', 'further develop skills in report writing and presenting; and', 'further develop skills in cross-cultural communication.']
AMU1310	This unit shows how gender is the primary analytical category across multidisciplinary fields of study in Asian and global contexts. These fields of study include but are not limited to: culture or the Arts, media and communications, business or economy, education or pedagogy, sociology, politics, psychology or sports, sciences or health and religion or theology. Gender Studies as a specialised discipline as such, foregrounds or privileges a gendered perspective and analysis across these multiple sites of study. Other analytical categories such as class, ethnicity, nationality and sexualities that intersect with gender are also considered.	['Identify relevant resources and key issues;', 'Relate key issues to different disciplinary contexts;', 'Discuss key debates from a gendered perspective within and across disciplines;', 'Examine the extent to which gender as a primary analytical category is useful;', 'Formulate and structure a logical and coherent argument that is well supported by relevant evidence;', 'Communicate perceptively, effectively and with cultural sensitivity;', 'Demonstrate ethical values, cross-cultural competency as a responsible and effective global citizen.']

RAD3002	This unit is designed to provide students with the requisite knowledge and understanding of the scientific and technological principles associated with the practice underpinning Computed Tomography (CT) imaging.	['Describe the scientific principles underpinning modern multi-slice computed tomographic scanners;', 'Articulate the technological characteristics and the relevant applications of multi-slice computed tomography medical imaging systems;', 'Apply a range of radiation protection measures applicable to CT in simulated situations;', 'Critically evaluate basic clinical scanning protocols, digital image processing techniques and equipment, image display and reconstruction routines used in CT', 'Describe and interpret positioning and methods employed in CT examinations of the head, chest, abdomen/pelvis, and spine.', 'Identify the key anatomical and pathological appearances in CT images of the head, chest, abdomen/pelvis,']
ATS3509	The subject examines contemporary poetry and poetics and its applicability to writing practice through a comparative approach. The subject concentrates on a number of key texts by major contemporary poets and examines various works which may be seen to exemplify, modify, or challenge these poetics. Students will be required to reflect both creatively and analytically on their ongoing writing practice in the light of these texts. In the collaborative environment of workshops, students will be encouraged to experiment with a range of techniques and styles	['Articulate the key features of major developments in contemporary poetics', 'Reflect critically on his/her writing practice in the light of these developments', 'Demonstrate how a given text exemplifies or challenges contemporaneous theories of poetics', 'Devise writing strategies which utilise in direct or modified ways (oppositional or ironic) aspects of a given poetics within their writing practice', 'Demonstrate critical skills through the editorial commentary on works in progress presented in workshops', 'Develop creative and professional skills through the drafting process', 'Demonstrate an awareness of the relations between modern critical theory and creative practice']
ATS2910	In this unit, students participate in learning practices and activities directly concerned with presentation skills as practiced in academic and professional environments. Students are introduced to key performance presentation concepts and given the opportunity to practice and develop associated skills through facilitated workshops. The unit approaches the study and enhancement of presentation skills in these specific ways:	['Identify, discuss and apply theoretical concepts associated with vocal and physical presentation skills', 'Contribute meaningfully to group-tasks and reflect on key components of such contribution', 'Undertake collaborative projects with scholars from other disciplines', 'Utilise practical strategies to present findings in a range of academic and professional contexts with confidence and clarity']
ACF5150	The extent to which accounting theories provide a basis for determining the content of external financial reports and resolving accounting controversies. The subject will provide students with the opportunity to further develop skills of analysis, evaluation and synthesis in the areas of financial accounting and reporting and in the process create an awareness of some current developments in accounting regulation.	['acquire advanced knowledge and skills in understanding research articles', 'synthesise academic literature related to financial reporting issues like voluntary disclosure and earnings management', 'appraise and apply a methodology relating to capital markets research in accounting', 'develop capabilities to work effectively in a group; and/or demonstrate effective individual research skills to produce a professional quality business document that reports on the findings of an empirical research project; and/or deliver a professional quality presentation; and/or develop oral communication skills and demonstrate independent thinking through contributions to class discussions; and demonstrate in individual summative assessment tasks the acquisition of an comprehensive understanding of the topics covered by this unit.']

MGS3991	This interactive unit examines principles and practices of leadership which are vital for aspiring leaders of the future. Through a personal portfolio of leadership concepts, character and competencies, students develop their potential for growth as strategic leaders of 21st century organisations. Inspiring stories of leadership successes and failures from exemplary leaders of the past and present, will guide the student's leadership journey to find their own authentic voice. A plethora of cutting-edge leadership materials (research articles, movies and videos, case studies, role-plays, games and self-assessments) will also be featured weekly to enhance the learning experience.	['critically assess the strengths and weaknesses of major theories of organisational leadership', 'formulate a framework of leadership that would help students make sense of their current and future leadership experiences and discern critical lessons drawn', 'develop a higher self awareness of students own personalities, values, attitudes and styles, as well as strengths and weaknesses pertinent to their leadership aspirations', "construct a personal leadership philosophy outlining student's convictions on ethical and compassionate leadership, and its impact in real-world organisational contexts", 'analyse and synthesise crucial roles and positive impacts that managers and leaders can make to organisations and their stakeholders.']
IMM3042	This unit will review the pathogenesis, diagnosis and treatment of disorders associated with an excessive, defective or unwarranted immune response. Disorders include autoimmune diseases, allergy, immunodeficiency states, leukaemia/ lymphoma and transplant rejection. Prospects for tumour vaccines will also be discussed. How new insight into the cellular and molecular nature of the immune system is enabling improved diagnosis and more effective control of these disorders will be demonstrated. Skills will also be developed in searching and critically reviewing the literature, in assignment writing and oral presentation.	['Analyse the functional and regulatory pathways of the normal immune system;', 'Analyse how pathogens evade the immune system and predict how vaccines could be developed against microorganisms;', 'Distinguish between the pathogenesis of different disorders of the immune system including autoimmunity, allergy, immunodeficiency, leukemia/lymphoma and transplant rejection;', 'Predict strategies for immunosuppression and immunopotentiation to cure these disorders;', 'Analyse and interpret data from immunopathology experiments, structure a written discussion about immunopathology data, and present an oral discussion about immunopathology data.']
ATS3309	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.	['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.']

BTF5501	The two most common business structures in Australia are corporations and trusts. This unit is aimed at students seeking to work as business advisors because it will provide them with a strong understanding of the laws that govern the operation of corporations and trusts in Australia. In particular, students undertaking this unit will learn about the characteristics of corporations and trusts in Australian society, as well as the roles, responsibilities and duties of their owners and operators. Students will also obtain an understanding of how ASIC regulates the operation of Australian corporations.	['understand the significance and functions of corporations and trusts in Australian society so that they may advise business clients about the most appropriate structure for their business', 'identify, understand and explain to their clients the applicable Australian laws governing the establishment and operation of corporations and trusts', 'develop the ability to undertake research as well as the skills to analyse and resolve disputes relating to corporations and trusts by applying the relevant Australian laws in order to reach a final outcome.']
ACW3041	Overview of auditing, the auditor's legal liabilities, audit process and evidence, the concepts of materiality and risks, study and evaluation of internal control, EDP auditing, audit sampling techniques, the test of transactions cycles and the verification of account balances, auditors reports, and internal and operational auditing.	["demonstrate an understanding of the role, limitations and demand for audits in modern corporate society including the auditor's professional, ethical and legal obligations", "examine the auditor's role in corporate governance with particular emphasis on the detection and reporting of fraud and error", 'describe the assurance framework, and apply planning processes and evidence gathering procedures that are used by auditors to form an audit opinion', 'apply critical thinking, problem solving and presentation skills to individual and / or group activities dealing with auditing and assurance and demonstrate in an individual summative assessment task the acquisition of a comprehensive understanding of the topics covered by ACW3041.']
AZA2939	The unit adopts a global perspective but looks at issues through a South African and African lens. The theories of utilitarianism and deontology will be examined within the South African context and judged according to ethical dilemmas that arise within the country. Key to this examination will be a discussion of the role of friendship and family within ethical decision-making. A major focus of discussion is the opposition between consequentialist theories, such as utilitarianism, which judge rightness and wrongness solely in terms of consequences, and the Kantian theory of deontology which judges rightness and wrongness according to whether the act is in accordance with rational will. The question that will guide this discussion is whether these theories can account for the agent-centred reasons which arise from relations of love and friendship and which seem to have the potential to conflict with impartial moral requirements?	['Capacity to critically analyse central ethical theories such as consequentialism and Kantianism.', 'Have developed skills important to the discipline of philosophy, such as argument analysis, textual interpretation, and argument construction.', 'Capacity to develop a theoretical position and argument concerning the main theories and arguments in meta-ethics.', 'Be able to critically assess society and its accompanying ethical problems in South Africa from the point of view of the unit.']

FIT5144	This unit is an elective designed for PhD and Master of Philosophy students. It focuses on the development of strategies and skills to complement and support PhD and Masters research studies, and prepare students for a career in research. PhD students are expected to complete FIT5144 before their Mid-Candidature/Progress Review.	['develop and implement a publication strategy;', 'manage research data and IP;', 'develop and implement research funding strategies;', 'apply entrepreneurial and innovative approaches to commercialising research;', 'communicate and publish research findings in different forms to a range of different audiences in academic, industry and community forums;', 'plan and organise PhD and Masters research, using the milestones to ensure timely completion;', 'apply a range of generic and professional research skills to enhance future employability and plan a career in research.']
ATS3940	The unit is designed for students with advanced Chinese reading and writing skills. Students will conduct a project-based study of aspects of traditional and modern Chinese culture. It introduces students to the study of Chinese culture, focusing on the characteristics of traditional Chinese culture, the interaction between Chinese culture and other cultures, and the uses to which Chinese culture is put in the modern world. The unit will use a range of Chinese-language and English-language material, sourced from mainland China and internationally. The teaching schedule will consist of bi-weekly two-hour workshops in which students will read and view scholarly publications (in English and Chinese) about Chinese culture, combined with weekly two-hour seminars based on in-depth discussion of the lecture material as it applies to the topics assigned for individual projects. Students will read and analyse materials and commentaries relating to traditional and modern Chinese art and literature and the social and political uses of Chinese culture in China and abroad, guided by the arguments, concepts and methods employed in the field of Chinese cultural studies. By introducing students to a wide range of scholarly materials about Chinese culture, this unit aims to strengthen their academic writing skills.	['analyse and discuss texts and objects relevant to Chinese culture;', 'explain the historical development of Chinese culture, and the social, political, cultural and economic contexts in which Chinese culture manifests itself in the Chinese-speaking world;', 'critically engage with Chinese cultural studies topics;', 'identify and apply theoretical frameworks and research methodologies to their reading and understanding of Chinese culture.']
CIV5302	This unit exposes the student to the fundamentals of the three components to the traffic system: the vehicle, the driver and the road environment. The emphasis is on the application of theory to practice in solving traffic-related problems. The unit covers the road traffic system, traffic networks, traffic design elements, intersection design and control and advanced analytic techniques.	['Describe and critique the principles and practice of traffic management.', 'Design and conduct an assessment of a local traffic network.', 'Demonstrate skills in the critical assessment of alternative solutions and trade-offs in the traffic system.', 'Discuss the role of the community and stakeholders in contemporary traffic management.', 'Critically reflect on contemporary issues and challenges in transport management.', 'Interpret collected and pre-existing traffic survey data.']

OCC4141	This course is about occupational therapy for children with neurodevelopmental disabilities and their families. Etiology and epidemiology of conditions will be reviewed. The impact of accommodating the significant needs of a child with a disability in a family will be described and the impact on family member's and occupational therapy service delivery will be explored in depth. Students will learn about occupational therapy methods using the International Classification of Functioning and Disability (ICF) and family centred practice. Learning will be experienced in the online classroom environment and students will examine several case studies in detail.	['Compare the WHO ICF, Social model of disability, the premises of the United Nations Charter on the rights of the child and occupational therapy practice for students with neurodevelopmental disability.', 'Evaluate the impact of culture and environmental influences on the capabilities and participation of children with neurodevelopmental disability.', 'Accurately describe the most common causes and co-existing conditions that occur with a diagnosis that results in developmental and functional challenges.', 'Design an occupational therapy program that is appropriate for a specific child, from the perspective of one of the major approaches that facilitates the participation of children with neurodevelopment disabilities in daily life.', 'Evaluate impairments of body structure and function in children with developmental and functional challenges.', 'Evaluate a child with a motor challenge who has limitations in self care, leisure and play skills and preschool or school related productive occupations.', "Select appropriate occupational therapy intervention to improve a child's capabilities in childhood occupations.", "Develop learner centred goals and explain the occupational therapy management options for improving the child's participation in home, school and community life.", 'Demonstrate creation of family centred occupational therapy goals and home programs, including professional report writing skills appropriate to the needs of parents.', 'Critique evidence based practice approaches to occupational therapy children with neurodevelopment disability.']
ATS1172	Building on the foundation established in Korean Introductory 1, students will continue to develop their ability to communicate in routine social situations. They will also be introduced to various learning strategies that aim to help them develop a sense of control over their own learning, leading to a lifetime of learning.	['competently participate in simple Korean conversations about everyday life and familiar topics', 'make requests, and express agreement and refusal', 'read and write in defined contexts', 'demonstrate an increased understanding of Korean history, culture and society', 'develop basic learning strategies that will prepare them for life-long learning']
ATS2508	The subject examines the tradition of modern poetry and poetics and its applicability to contemporary writing practice from a comparative approach. The subject concentrates on a number of key texts from the Symbolist and Modernist periods and examines various works which may be seen to exemplify, modify, or challenge these poetics. Students will be required to reflect both creatively and analytically on their own writing practice in the light of these texts. In the collaborative environment of workshops, students will be encouraged to experiment with a range of Modernist techniques including: free verse, parataxis, the ideogramic method, automatic writing, visual and sound poetry.	['Articulate the key features of major developments in modern poetics', 'Reflect critically on his/her writing practice in the light of these developments', 'Demonstrate how a given text exemplifies or challenges contemporaneous theories of poetics', 'Devise writing strategies which utilise in direct or modified ways (oppositional or ironic) aspects of a given poetics within their writing practice', 'Demonstrate critical skills through the editorial commentary on works in progress presented in workshops', 'Develop creative and professional skills through the drafting process.']

GEN3062	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.	['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.']
IDN4002	This unit is the second of the major project sequence. Students are expected to continue with research initiated in IDN4001 and develop a time frame which details prototype construction in consultation with a supervisor and course coordinator. 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 time and resource limitations of the unit. Documentation must be completed to a professional standard. Regular group and individual critiques are undertaken as the project and the thinking underlying it develop.	['Be able to develop and refine their industrial design project from the conceptual stage undertaken in IDN4001 Major Project (Industrial Design) Part One through to a prototype presentation, demonstrating a 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;', 'Have a high level of knowledge of the contemporary discourse in design and industrial design and to be able to position their work relative to it;', 'Be able to debate and/or defend their practice in an informed critical appraisal;', 'Cultivate high ambitions to perfect their practice of industrial design;', 'Observe and employ occupational health and safety principles and rules appropriate to studio practice.']
NUT3006	This unit aims to explore the sustainability of the food supply and its impact on health. Students will learn about the components of the food supply system (from paddock to plate) and the factors, including economic, social, political and environmental that drive and influence the food system. Students will compare and contrast the agricultural, retail and consumption differences between an industrial and a local food system. Exposure to several programs and initiatives which aim to mitigate the environmental effects of food production and create a more sustainable food supply with support learning. The impact of environmental challenges, such as climate change, drought and salinity, and the impact of national policy decisions on the food system will be explored. Students will be exposed to the views of the food industry, economists and public health experts on food sustainability and explore their own food intake patterns and its impact on the environment.	['Explain the Australian food system and critically evaluate the influences on this system.', 'Compare and contrast social, economic and environmental differences between an industrial and local food system.', 'Evaluate the impact of population and individual nutrition and health messages on the food supply.', 'Describe the impact of food waste and discuss strategies to minimise food waste in food service and household settings.', 'Evaluate the political, economic, health and environmental drivers impacting on the international food system.', 'Explore opportunities for beneficial social, environmental and nutritional change to the Australian food supply.']