Title	Synopsis	Outcomes
ATS3503	The unit examines women's literature from a range of periods and countries. Issues examined might include: the place of women's writing in the literary canon and in literary history; strains in feminist literary criticism and theory; recent debates regarding the reception of women's writing; the use of literature to make interventions regarding social norms around gender and sexuality; typical themes in women's writing such as marriage, motherhood, work, violence.	['the ability to assess and interpret the relationship between literary texts and their social and political context;', "an informed understanding of some key approaches to the study of women's writing;", 'developed an informed critical perspective on the question of gender, literary production and literary value;', 'solid advanced undergraduate-level skills in the reading and interpretation of literary texts.']
ATS1304	Employing textual criticism, critical theory and theories of political economy, this unit will introduce a variety of approaches to the study of television. It will consider the phenomenon of television through a critical approach to the forms specific to broadcast television through an understanding of recent theories relating to popular culture. These include issues of history, genre, context , consumerism and audiences. Attention will also be given to the cultural and economic forces that shape and are reflected in the structuring of television programs and networks.	['identify and discuss the histories and conventions of television genres;', 'identify and explain changing narrative forms in television;', 'describe approaches to examples of Australian and international television;', 'explain changing delivery platforms for television and the ways contemporary television seeks new audiences;', 'critically evaluate screen theoretical approaches and employ them to make arguments based on close textual analysis of television programs;', 'critically reflect on and synthesise screen theoretical approaches and communicate this in written, oral and audio-visual form.']
APG5628	What does 'development' mean as a body of ideas that structures systems of power, flows of resources, and social transformations across the globe? What does it mean in practice to intervene - often across diverse cultural contexts - with programmes designed according to these ideas of development? This unit addresses such questions by deconstructing the conceptual and practical pillars of development, and by interrogating similar concepts such as economic growth, progress, and modernisation. In addition to briefly reviewing some early theorisations of development and their links to colonialism and ideas of modernisation, the unit exposes the power-laden and unequal nature of contemporary development as an institutionalised set of practices that rose to prominence after World War II. Using case studies to paint a picture of geographically uneven development today, the unit explores whether development theories correlate with development-in-practice. It also explores the ways in which diverse social groups and social movements resist Western notions of progress, attempting to reclaim development to forge more autonomous pathways to well-being. These alternative pathways raise questions about the normative side of development, and about whether the contemporary development institution should be deconstructed in practice.	['critically assess contributions to development as an academic field that explores the history of development thinking and the spatial patterns of development in practice;', 'articulate different approaches to and practices of development, and to evaluate various alternatives in light of the most recent scholarly work on contemporary uneven development;', 'argue for or against the contemporary development paradigm as we know it, with an appropriate degree of personal and socio-political reflection.']

NUR2207	This Mental Health Nursing unit draws upon student's prior theoretical knowledge, skills and attitudes from NUR2107. This unit will focus upon professional issues including self care, clinical supervision; utilising evidence based nursing interventions and preparation for clinical practice. This unit has a 4 week clinical component, where students will apply evidence based nursing care and interventions with mentally ill consumers and their carers.	['identify the importance of emotional self care and reflective practice;', 'utilize therapeutic approaches when collaborating with carers and clients;', 'utilize knowledge of clinical manifestations and associated treatments with clients and carers to provide coordinated and effective care;', "identify and respond to the client's cultural and gender specific issues that affect the provision of safe mental health nursing care;", 'conduct and document Mental Status Examinations (MSE) and risk assessments of clients who have disturbances in mood, thought, behavior and perception;', 'demonstrate and apply knowledge of the Victorian Mental Health Act (2014) as amended;', 'demonstrate professional behaviours, accountability, ethical decision making and satisfactory knowledge base for safe and coordinated practice in the mental health setting;', 'recognize the importance of research in the role of the multidisciplinary team in the interdependent delivery of care; and', 'practice in accordance with the ANMC Competency Standards for the Registered Nurse.']
STA2216	This unit is designed to develop an understanding of some of the most widely used methods of statistical data analysis, from the viewpoint of the user, with an emphasis on planned experiments. Students will become familiar with at least one standard statistical package. Topics covered include: parametric and nonparametric procedures to compare two independent and matched samples; review of simple linear regression; multiple linear regression - analysis of residuals, choice of explanatory variables; model selection and validation; nonlinear relationships; introduction to logistic regression; basic principles of experimental design; one-way and two-way analysis of variance models; planned and multiple comparison techniques; power and sample size considerations in design; usage of some available statistical packages including Minitab and/or SPSS, data preparation, interpretation of output.	['Recognise the requirements for design of an effective experiment and the nature of data arising from these situations;', 'Demonstrate an understanding of some of the important parametric and non-parametric methods of statistical data analysis, including analysis of variance, multiple linear regression and logistic regression;', 'Identify and apply an appropriate statistical technique for analysing a given design/ data set;', 'Formulate a model relating a response variable to a number of given independent variables;', 'Use a statistical package for applying statistical techniques covered in the unit.']
BMH4110	Students will undertake a supervised research project of a publishable standard. Candidates may commence the Honours year at the beginning of either the first or second semester. Students will research literature relevant to their topic, carry out a research project and present the results of their study in both written and oral form. Information about the research projects is available from the course coordinator and at information sessions held during the second semester of third year.	['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.']

NUT5006	This unit fosters student's problem solving skills. It aims to extend students' research and dietetics knowledge and skills across a range of practice contexts to solve strategic and priority dietetics practice problems and scenarios in preparation to enter the workforce. This unit prepares students to enter the profession through consolidating professional practice skills and integrating learning across typical work contexts of practice of a dietitian.	['Critically review nutrition and dietetic practice, identifying gaps in knowledge and apply valid and relevant conclusions and recommendations for practice improvement.', 'Utilise research, leadership, communication (including negotiation, advocacy and conflict resolution) and management principles and skills in approaching solutions to practice problems.', 'Work effectively as a member of a team creating innovative solutions to nutrition and dietetics practice problems.', 'Apply the principles of human resource management, budgeting and risk management to project management and research.', 'Synthesise and analyse information/data collected from practice and communicate scientifically.', 'Plan and evaluate own personal and professional development in preparation for entry into the profession.', 'Synthesise key learning from the degree as an entry level Dietitian and articulate areas of strength and areas for development post-graduation.']
NUR3005	This unit focuses on multi-disciplinary care and models of care delivery with an emphasis on ageing, chronic and life limiting illness. With the evolving role of the nurse as primary care providers it introduces the student to the issues facing older people and will include healthy ageing, the ageing process, polypharmacy, lifestyle issues, advanced health assessment related to people with complex health needs and legal and ethical issues associated with aging, chronic illness and palliative care.	['discuss perspectives, and the physical, psychological and social aspects of ageing in the context of health and illness in older people in our community', 'describe the impact of ageing and chronic illness on clients, families and carers and apply this to discharge planning bridging the transition from acute care to primary care and palliative care', 'analyse the legal and ethical issues that arise from changes to cognition, chronic and life limiting illness such as challenges to autonomy, protection of patients, quality of life and euthanasia', 'differentiate the roles of nurses working in multidisciplinary teams, who care for people with chronic and/or life limiting illness in different health care environments', 'utilise holistic health assessment skills to assess the complex health needs of older adults and people with chronic and life limiting illness in relation to physical, psychosocial and spiritual needs', 'demonstrate and evaluate a range of evidenced based interventions that support the person experiencing complex care needs associated with living with a chronic illness', 'identify the primary care resources for people with issues related to ageing, chronic and life limiting illness in the community', 'utilise health promotion, supportive and palliative approaches to care for people with chronic and life limiting illness in a range of health care settings.']

ATS3346	The unit examines aspects of Roman political, social, and cultural history from the crucial period of transition from Republic to Empire (ca. 59 BCE to 138 CE). It focuses on a number of powerful individuals, especially Julius Caesar and the emperors Augustus, Claudius, Nero, and Hadrian, as well as the court that grew up around them-rivals, wives, freed slaves, bodyguards, and the sometimes resentful members of the Roman elite. Themes include the nature of the Roman political system and the role of the emperor, the literature and material culture of the imperial state, the rise to power of the Praetorian Guard and imperial freedmen, and the realities of Roman rule in the provinces of the empire. We take as case studies the Roman provinces of Britannia and Judea, examining the events and context of the bloody revolts against Roman power-Boudicca's revolt in Britannia and the Revolt of 66 and Bar Kokhba's Revolt in Judea-and their effects on provincial life and imperial Rome.	['identify and understand the Roman political ideas of government and the manner in which these were used and manipulated by those seeking power;', 'describe the political, social, and cultural history of Roman during the period covered;', 'examine the evidence relating to the role of the emperor and how the manner and impact of the imperial position was shaped by the individual personality of the incumbent, and the response from across the Roman social spectrum, from aristocrats to rural poor, freed slaves, and provincial subjects;', 'evaluate cultural, political, military, religious, and archaeological aspects of life in the imperial provinces, especially in Britannia and Judea;', 'analyse and approach critically the variety of ancient (documentary, archaeological, and literary) and modern sources, in particular through the development of skills in source criticism;', 'collaborate and defend interpretations and arguments concerning the Roman Empire through group tutorial presentations and individual research.']
APG5428	This unit explores social and institutional frameworks for environmental governance. It considers the role, structure and processes of government, market and civil society in relation to the environment and sustainability agenda. The emphasis is on exploring the nature of contemporary environmental governance, evaluating the assumptions on which it is based, and taking a critically informed view of its strengths and limitations. We will feature case studies e.g. waste management, climate change, water management, where multiple agencies and organisations work within a complex environmental system to implement a range of interesting and innovative approaches to environmental governance.	['An appreciation of the theoretical understandings of the shift from government to governance in respect of the environment and sustainability.', 'An understanding of the role of government, markets and civil society in relation to the environment and sustainability.', 'Familiarity with the mechanisms of command-and-control regulation, the use of market mechanisms, citizen empowerment and community participation.', 'A critical awareness of the issues surrounding contemporary forms and styles of environmental governance.', 'Familiarity with the principles and practice of citizen advocacy.']
AZA3744	This internship unit allows students to merge theory with practice, and to gain first-hand, practical experience in an area in which they may wish to pursue a career after they graduate. It consolidates and extends on the knowledge students have learnt from core units and other units, through experiential learning. The unit develops their understanding of the application of academically obtained knowledge and skills in a workplace environment, and facilitates their acquisition of work-based networks thereby allowing them to be involved in an area of interest. Separate internship programs are drawn up for each student who successfully applies for enrolment in this unit. Selection will be based primarily on academic merit.	['Critically reflect on, analyse, evaluate and undertake tasks relevant to the workplace.', 'Communicate effectively and foster improved interpersonal relations.', 'Exhibit practice-based skills, facilitating effective work within an organisation.', 'Display insight in a work environment and an enhanced understanding of the professional values needed to operate professionally in an African and South African work environment by effective solving of diverse work related problems.']

AZA3466	The focus on women and crime 'enriches' and 'complicates' societies' understanding of the crime problem. The unit examines the gendered nature of crime and how stereotyping is played out in the Criminal Justice System. The unit explores key feminist and theories to better understand how crime and criminality is portrayed in contemporary society.	['A grounded working knowledge of the major theoretical approaches that constitute the field of feminist approaches to crime and justice.', 'An informed understanding of how gender is constructed in society, the media and the criminal justice system, particularly from an African perspective.', 'Library and internet based research skills.', 'The ability to think critically and analytically, and to be able to articulate those ideas.', 'A focus upon the production of scholarly research as the end point of a process of reading, discussion, drafting and debate.', 'The production of well-researched, well-documented and presented essays.', 'The ability to work independently as scholars.', 'The ability to conduct independent research effectively and responsibly when dealing with gender and crime.']
CHE3161	This unit covers thermodynamics from a chemical engineering viewpoint. Content will cover basic concepts and the use of: thermodynamic functions such as free energy, enthalpy, and entropy; estimation of properties of pure compounds and mixtures; description of solution thermodynamics and its applications, equilibrium phase diagrams and chemical reaction equilibria.	['Apply mass, energy and entropy balances to flow processes.', 'Determine the properties of ideal and real mixtures based on thermodynamic principles.', 'Assess changes in the properties of gases, fluids and solids undergoing changes in temperature and volume.', 'Interpret the underlying principles of phase equilibrium in binary and multi-component systems.', 'Analyse the extent to which chemical reactions proceed, and determine the composition attained at equilibrium.']
BEX5800	This unit provides an overview of the strategic, economic, political and legal environment in which business operates at the global level. It considers the role that individuals, organisations and governments play in the operation of the market both domestically and internationally. The focus of this unit will be to investigate the political economy of the contemporary world and the context that underpins managerial decision making. To this end, students will examine the myriad of global and domestic issues challenging the pursuit of sustainable business practice as a precursor to more specific units that help inform the management of business operations.	['introduce students to a preliminary overview of the economic, legal, political and social environment in which business operations are managed', 'illustrate the interaction that takes place among individuals, organisations, and governments in determining business outcomes', 'facilitate an understanding of the role of globalisation in relation to the growth and interdependency of economies', 'provide an understanding of how technological disruption and innovation allow for the development of capabilities that provide value for business', 'assess the need for business to be ethical and socially responsible', 'apply critical thinking to case-based analysis.']

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.']
AZA1328	The unit provides a critical introduction to the key concepts and practices of research and reporting for South African and African news journalism; the social, professional and legal context for journalism production; the technical production and narrative conventions for at least two different media (print, online, radio and/or video). Students research and produce original news stories to deadline in at least two media, produce a critical evaluation of their own performance and constructive feedback for their peers.	['Demonstrate an ability to conceptualise what a news story could be, and identify and research a news story, conduct interviews and gather appropriate evidence.', 'Demonstrate an ability to report in a clear, concise, factual way using news conventions in at least two media.', "Identifyand observe key ethical and legal obligations associated with news reporting in the African and South African context, and reflect critically on their own and others' performance in this regard", 'Work independently and collaboratively in learning and production processes, including online forums, to produce news reports.', 'Demonstrate an ability to set and meet deadlines, and report under pressure', 'Demonstrate an awareness of local, national and international people and events relevant to current issues and media issues.', 'Demonstrate a critical awareness of the capacities, limitations and socio-professional implications of journalistic practices in different media.']
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.']

HSC1200	This unit provides an introduction to the principles and practices of contemporary public health. Case study examples are used to illustrate public health successes, including the key elements contributing to these successful approaches.	['Describe the principles underpinning public health practice.', 'Identify a range of public health interventions and compare their strengths and limitations.', 'Discuss how behavioural, social and cultural, environmental and political determinants contribute to health outcomes.', 'Explain the causes and consequences of health inequalities.', 'Summarise information from relevant high quality public health sources.']
ATS4230	Under the supervision of an academic staff member, students will develop, conduct and report on a research project on an approved topic of their own devising.	['Plan, conduct and report on research in their Honours discipline;', 'Demonstrate a practical understanding of the ethical issues associated with conducting research, where relevant;', 'Demonstrate a command of the research literature relating to their research project.']
MCE5200	This unit provides students with a detailed understanding of how to establish and equip an IVF laboratory and the quality control and quality assurance practises required to run an effective IVF service. New insights into the quality management framework for an embryology laboratory will allow students to understand and develop techniques for continuous quality improvement in their future workplaces, and to achieve ambitious goals. Knowledge gained in this unit is readily transferable into other areas of laboratory and research activities. Students will have the opportunity to visit IVF laboratories during a designated 'work experience' week and observe how they operate, what techniques are used and which services are offered. A report and an informal presentation (not assessed) on their site visit will enable students to share their experiences and compare the differences in techniques and practices between clinics.	['Apply key concepts of total quality management in an ART laboratory setting', 'Justify the selection and validation of equipment for an ART laboratory', 'Design an ART laboratory considering personnel, equipment and layout', 'Propose solutions when laboratory troubleshooting is initiated', 'Describe how sample and patient witnessing is integrated into the IVF laboratory', 'Evaluate national and international guidelines and regulation for ART practice']
BTF3181	The legal framework which operates in relation to marketing decisions and practice. Topics discussed include unfair trading practices, intellectual property rights (patents, trade marks, copyright and designs), anti-competitive conduct and new marketing practices. The unit places the laws controlling unfair and anti-competitive practices within the wider economic context.	['identify and analyse the consumer protection laws and apply those laws to a range of marketing and advertising strategies', 'identify and analyse the laws protecting intellectual property and apply those laws to the development and marketing of new products and ideas', 'identify, analyse and apply the laws regulating a range of competition practices including pricing and distribution', 'critically evaluate a contemporary marketing law development and write a research paper on the topic.']

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.']
ASP3012	Stellar photometry; observing the stars; star formation; equation of state; reduced equations of stellar structure; polytropic stellar models; full equations of stellar structure; the main sequence; post-main-sequence evolution. Galactic morphology and stellar content; elliptical and spiral galaxies; large-scale structure of the Milky Way; dark matter; potential theory; galactic dynamics-orbits in spherical and axisymmetric potentials. Astronomical data reduction.	['Understand the nature of stars - their life histories, how they produce energy, how they synthesise the chemical elements, and their ultimate fates;', 'Build a simple polytropic numerical stellar model;', 'Distinguish and discuss different types of galaxies;', 'Understand the relationships between stellar evolution, galactic evolution, and the creation of the elements;', 'Model computationally the motion of stars in galaxies;', 'Understand the implications of the observed nature of galaxies for theories of the universe;', 'Describe the morphology and kinematics of the Milky Way;', 'Understand the significance of dark matter to galactic structure;', 'Understand the use of optical telescopes for data collection;', 'Write an observational research report.']
IAR1602	This unit will focus on the physical and qualitative properties of common materials employed in interior architecture projects. Projects will focus on the development of observation and analytical skills to support the investigation of these properties, and the potential for their application in design.	['Identify common materials employed in interior architecture projects, and their qualities and physical properties;', 'Explain basic structural principles as they pertain to different materials;', 'Consider key issues of environmental sustainability in relation to material selection and design;', 'Incorporate an understanding of materials in the critique and development of simple design proposals;', 'Inderstand and apply the rules of occupational health and safety appropriate to the discipline practice.']

ATS1421	The unit introduces students to the complexity of crime as a social phenomenon and maps key theoretical frameworks that have been advanced to explain crime and deviance. The unit requires students to engage their 'criminological imaginations' to understand the causality of crime and the infraction of social norms and values. The unit begins by examining how deviancy and crime is socially constructed. Various theoretical perspectives that have been developed to try and explain crime and deviancy will then be explored. Beginning with the classical school of criminology the unit presents how understandings of criminal behaviour have developed and advanced. The unit critically engages students with the theories presented; and teaches students to critique their value, utility and explanatory power in contemporary society.	['demonstrate foundational understanding of key definitional and methodological challenges associated with studying of crime;', 'describe the features of key criminological theories;', 'apply criminological theories to real world situations, both local and global in nature;', 'evaluate the strengths and weakness of key criminological theories.']
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.']
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.']

MCB2011	In this unit we will explore the construction, components and maintenance of the cell, focusing on: the similarities and differences between prokaryotic and eukaryotic cells; the properties and functions of membranes; how cells replicate, die, communicate, and form communities; and how cells are genetically programmed.	['Relate the structure and composition of cells to their function and explain how mammalian cells differentiate to form tissues and organs.', 'Explain the roles of different cellular compartments and organelles in cellular functions.', 'Describe the general principles of gene organisation and the control of gene expression and give examples of how expression is controlled.', 'Explain how cells communicate with each other and the environment.', 'Outline the factors that control cell growth, proliferation, differentiation and movement.', 'Describe the fundamental approaches and uses of recombinant DNA technology.', 'Demonstrate practical skills in the molecular biology techniques that are used to study DNA, RNA and protein and use online databases to retrieve and analyse information on genes, proteins and molecular processes.', 'Utilise appropriate microscopy techniques to visualise cells and intracellular organelles.']
FIT3143	Modern computer systems contain parallelism in both hardware and software. This unit covers parallelism in both general purpose and application specific computer architectures and the programming paradigms that allow parallelism to be exploited in software. The unit examines shared memory and message passing paradigms in hardware and software; concurrency, multithreading and synchronicity; parallel, clustered and distributed supercomputing models, languages and software tools and development environments. Students will program in these paradigms.	['explain and analyse parallel computing models;', 'explain and analyse IPC schemes in parallel systems;', 'explain and analyse concurrency schemes in parallel;', 'explain and analyse parallel / vector / GPU architectures;', 'program socket and MPI applications.']
MGW3681	A study of management theory related to varying cultures, the multinational business enterprise and the significance of cross-cultural variables in the business environment. Topics include ethics and social responsibilities; communication; leadership; motivation, control and conflict; human resource management and industrial relations.	['relate management theory to various and different cultures', 'appreciate the complex challenges of the multinational business enterprise at the interpersonal and operational levels', 'compare and contrast a range of cross-cultural variables in the business environment.']
SCI1501	This is the first part of level-one Impact through science core studies of the Bachelor of Science Advanced - Global Challenges (Honours). It consists of two modules, undertaken in parallel: leadership and persuasive communication. Leadership development is undertaken through the adaptive leadership framework using an experiential learning approach. In this module students will focus on distinguishing the role of authority from the activity of leadership and understand what is required to make progress on complex challenges. Students will build persuasive communication skills and leadership presence through a variety of techniques. This unit also has a strong focus on developing teamwork skills through diverse modes. A 'dialogue' evening series will provide opportunities for networking through intimate discussions with leaders from a variety of industries.	['Compose arguments reflecting the key themes of adaptive leadership whilst demonstrating critical thinking skills;', 'Construct a persuasive presentation demonstrating leadership presence though improvisation, storytelling and other speakership techniques;', 'Demonstrate and reflect upon how to build and work in functional teams;', 'Develop a digital presence demonstrating authenticity, personal values and ethical frameworks that have been identified through leadership development.', 'Plan and take action on a personal leadership quest.']

MPH5304	This Unit will review key leadership, management, and organisation theory and its application to healthcare settings.	['Apply general theories of organisation and management to health care organisational settings', 'Design organisational roles and structures to manage clinical and support services', 'Apply coordinating mechanisms in clinical and public health organisations', 'Implement staff recruitment processes', 'Design and manage staff performance systems', 'Apply principles of change management to improve organisational performance', 'Develop strategic plans', 'Implement effective project management.']
BTS3201	The law affecting Australian enterprises engaged in international business. Topics include international trade conventions; import and export procedures; the sale of goods; carriage of goods by sea and air; bills of lading and the Hague-Visby rules; finance of international trade; payment and documentary credits; the use of negotiable instruments in international trade; international commercial arbitration and marine insurance.	['examine and analyse the international legal framework in which trade between nations take place', 'identify and analyse the legal issues in an international trade context', 'identify, analyse and apply the laws to solve legal problems that arise from international commercial transactions', 'identify and analyse the laws relating to international contracts of sale, finance of international trading transactions, international carriage of goods, insurance in international trade and dispute resolution in international trade', 'identify and analyse the form and nature of documents used in international trade including contracts of sale, shipping documentation, invoices, insurance policies, bills of exchange, documentary collections and letter of credits.']
MEC6885	This unit explores the theory and practice of the supply of energy, energy management and auditing, and the design of sustainable energy facilities. It deals with the systems needed to create low-energy, sustainable buildings, including passive solar design, energy-efficient heating and air-conditioning, and combined heat and power.	['Demonstrate the concepts and dimensions of energy sustainability to the development of future sustainable energy technologies.', 'Generate the strategy of sustainable management of energy by creating organisational structure and corporate culture as well as transforming goals and allocation of resources in the process of energy conservation and management.', 'Apply sustainable energy management practices, from improving energy efficiency to utilising renewable resources to minimise risk in buildings and power plants.', 'Appraise the sustainable energy development level by indicators of development in line with the implementation of energy efficiency audit, energy management risk, and environmental investments risk assessment.']

BMS4301	The unit aims to develop analytical abilities and communication skills, as well as provide students with advanced knowledge in specific areas of Biomedical Science.	['Critically review the scientific literature in their discipline;', 'Explain the processes involved in the design, development and implementation of a research project;', 'Assess the breadth of statistical tests and their applicability to common research methodologies;', 'Identify and synthesize knowledge in specific areas of Biomedical Science other than that related to the assigned research project;', 'Summarise research findings concisely, clearly and sequentially;', 'Interpret experimental data with reference to the existing literature;', 'Integrate theoretical knowledge with practice in a specific area of research;', 'Evaluate the status of research progress within a particular research field ;', 'Generate novel ideas to solve an existing problem or answer to an unknown question;', 'Assess the risks in designing experimental strategies or identify the shortcomings in justifying the results;', 'Integrate multidisciplinary components in an experimental design.']
ATS1353	The unit introduces foundational ideas, concepts and power structures associated with the modern state. We examine some of the ideas that have shaped our understanding of the role and function of the modern state and the key institutions that facilitate and operationalise modern governance. We conclude the unit by exploring some of the key debates associated with the future of the modern state.	['Familiarity with the foundational ideas and theories that have shaped modern States;', 'An awareness of the role and function of the State and of the core political institutions that support its operations;;', 'Improved oral communication skills;', 'Enhanced skills of team work and collaboration;', 'Improved analytical and higher order critical thinking skills;', 'Improved general academic literacy, as well as the ability to interpret information from social science texts', 'An appreciation of the discipline of Politics.']
MDC5230	This unit further develops the students' design skills within a collaborative environment. Students will engage in projects of growing complexity that have multiple approaches and potential outcomes. The students build upon their prior experience of the design process to discover, define, create and demonstrate their design ability in a interdisciplinary way. They will develop designs to a stage that allows reflective critical analysis. Students will be expected to demonstrate a strong capability to resolve and defend their designs. Students will be encouraged to engage with topics that drawn from the research agenda of the Faculty and Department of Design. This enables the integration of staff research with the educational aspirations of the unit. Students are therefore exposed to an advanced knowledge in particular areas, and areas in which to engage their own growing skill sets.	['Contribute to a collaborative design intervention or solution that addresses issues of growing complexity;', 'Manage and develop collaborative approaches to solving design problems;', 'Formulate design strategies and specifications for outcomes in a collaborative environment;', 'Articulate the design production to a sophisticated level of understanding and skill;', 'Understand and evaluate the efficacy of their own design concepts;', 'Demonstrate an ability to communicate and defend their design approach, methodologies and solutions;', 'Devise solutions to design problems that respond to advances in knowledge within the discipline;', 'Observe and employ occupational health and safety appropriate to studio practice.']

AZA3453	The unit introduces critical and practical approaches to research in the media and communication industries. It presents a critical overview of the rationale for research in industry and academia. Various traditions of inquiry are explored and applied to typical research studies conducted in communication and the media with specific reference to South Africa and Sub-Saharan Africa. Specific quantitative, and qualitative research methodologies are investigated. Various key ethical and critical research issues are deliberated.	['Understand the uses of quantitative and qualitative research methodologies in academic and industry contexts.', 'Understand the uses of quantitative and qualitative research methodologies in science and non-science environments', 'Understand the nature and use of a theoretical framework in a research project', 'Define and formulate a research project, including hypotheses, research problems and questions, goals, ethical considerations, literature reviews, theoretical frameworks, and data collection, analysis and interpretation methods.', 'Demonstrate sound awareness of ethical principles in research practices.', 'Demonstrate familiarity with specific methodologies, including, for example, ethnography, case study, survey, textual-, thematic-, discourse- audience- and quantitative content analysis', 'Reflect on relationships between local and global frameworks in developing approaches to research.']
CIV5885	This unit will provide the learner with fundamental theoretical and experimental knowledge and skills in the transient response of infrastructure systems when subjected to dynamic loading. Dynamics of structures and ground-borne vibrations will be covered in detail, so that the learner can apply the knowledge to solve practical problems in infrastructure systems such as bridges, buildings, tunnels, and piling.	['Calculate the dynamics structural response to various excitation types.', 'Propose design solutions to mitigate vibration responses to acceptable limits.', 'Explain, derive and use earthquake response spectra.', 'Calculate ground-borne vibration levels from various sources and propose mitigation solutions.', 'Use computer software to analyse dynamic effects and know the limitations of the numerical procedures used.', 'Propose suitable instrumentation, and perform experimental tests, synthesizing the results.']
PAR1021	This unit introduces students to the skills necessary to locate, critique, interpret and summarise relevant evidence. This will provide a solid foundation for an evidence-based approach to clinical decision making in paramedicine.	['Describe different sources of evidence and their roles in paramedic practice.', 'Construct and implement effective strategies for searching the health and medical literature.', 'Describe quantitative and qualitative techniques for data collection and basic analysis for reporting data.', 'Assess bias, limitations and strengths of various research designs.', 'Recognise ethical principles and requirements in data collection and interpretation.', 'Summarise and communicate evidence for various audiences.']

PAR3031	This unit continues to develop the role of the paramedic as a clinician by developing knowledge and skills needed to care for birthing women and neonates in the community. The unit will be case based, and will include clinical skills laboratories and simulation to develop essential clinical skills, clinical problem solving and decision making competencies.	['Describe the epidemiology, presentation and management of selected health conditions experienced by women during pregnancy, birth and following childbirth and recommend appropriate paramedic paramedic strategies;', 'Describe models of care available in the maternity services;', 'Identify and interpret the evidence supporting the paramedic care of pregnant and childbearing women and their babies;', 'Outline and justify the level and type of paramedic care appropriate to the women during and immedaitely after childbirth emergencies in the community;', 'Explain the processes of paramedic assessment of the newborn immediately after childbirth in both, uncomplicated and emergency situations, and select appropriate patient management discuss how cultural diversity can influence the care for pregnant women and consider approaches to paramedic care in a variety of situations.']
BFF3111	This unit provides an introduction to financial planning. Coverage includes: an introduction to financial planning; financial planning process; cash flow and debt management; investment strategy development; tax planning; retirement planning; risk management; estate planning; ethics and compliance.	['explain the advisory functions of financial planners, describe the steps involved in the financial planning process to client scenarios', 'identify and understand legal compliance requirements, ethical considerations and professional conduct requirements in giving financial planning advice', 'demonstrate specialist knowledge in the areas of cash flow and debt management, investment management, tax planning, retirement planning, risk management, and estate planning', 'undertake research, construct and present a limited scope Statement of Advice (SoA) to meet client requirements in an ethical and professional manner, and communicate and present information, ideas, problems and solutions on financial planning matters to clients and other financial planning professionals.']
DPH6005	Supervised practical placement in University Departments and Centres, hospitals, affiliated research Institutes, community health services, non-government organisations or the Dept of Human Services. Giving students the opportunity to interact with practising public health professionals. Students are co-supervised by a member of the Faculty of Medicine, Nursing and Health Sciences academic staff.	['demonstrate a thorough understanding of quantative research methods in public health;', 'design, develop and present an original research protocol;', 'prepare an application for approval by an Ethics Committee;', 'design and outline methods for validating a questionnaire suitable for data entry; and', 'write a paper suitable for publication in a peer reviewed journal.']

FBS5002	Designed to provide students with an understanding of the role of mental health in criminal offending this unit provides an overview of the relevant research (drawn from psychological, psychiatric, criminological and sociological studies), key findings and the practical implications of these findings. Different types of mental disorders (psychotic, mood, personality, substance use) associated with offending are considered and explanatory models which incorporate the role of symptoms, cognitions, biological and sociological factors are discussed.	['Critically evaluate the evidence for an association between mental disorder and criminal offending.', 'Outline various possible explanations for the association between mental disorder and criminal offending.', "Explain the concepts of 'psychopathy', 'antisocial personality disorder', 'sever personality disorder', and their relevance to offending and rehabilitation.", 'Explain the evidence based principles for effective rehabilitation of offenders.', 'Describe the role of addictions including substance abuse and pathological gambling as risk factors for offending.', 'Outline methods for assessment and treatment of addictions.']
MEC4402	In this unit, together with MEC4401, students undertake a self-guided learning task in the form of a project. It is a full year project of either a major design, theoretical, or experimental investigation. The project may be undertaken either within the department or externally with a company or research organisation. In either case, an academic member of staff will act as the supervisor. While some projects may benefit from group based work it is expected that students will work individually on each project.	['Conduct an independent, scientifically based research project under broad direction;', 'Develop a research plan based on scientific methodologies and sound research practices taking into account assessment of risk factors;', 'Apply sound scientific method and research practices to undertake project work;', 'Manage a research project effectively within technical, budgetary, risk and time constraints;', 'Undertake an extensive review of relevant scientific literature and critically analyse its relevance to the project work being proposed:', 'Utilise data acquisition tools, data analysis and/or other technological tools effectively;', 'Justify the validity of their findings by quantifying errors in their technique;', 'Communicate their findings to a professional audience;', 'Apply techniques of scientific theory to provide logical reasoning and hypothesis testing to justify their results.']
AZA3547	Cities are dynamic and complex environments that now comprise the majority of the world we live in but they face an array of major challenges. These include: How do we make our cities more habitable and sustainable? Can a city be sustainable? Who wants a sustainable city? Have cities ever been sustainable and can they be in the future? In this unit students will examine how contemporary cities around the world operate by focussing on urban processes and functions, case studies from African cities form a critical base from which to work. Major urban problems afflicting modern cities are looked at and best practice from around the world examined.	['Describe and apply the concept of sustainability to urban form and function;', 'Identify the pillars of sustainability and the strengths and weaknesses in the conceptualisation of sustainability;', 'Identify unsustainable urban policies and practices and suggest effective methods of improving sustainability;', 'Utilise selected geographic research skills and concepts relevant to sustainability in an urban context;', 'Expand on the concept of a world African city and the implications for these settlements.']

PHH2051	In this unit, students will develop knowledge and skills for public health and health promotion program design and implementation. These are core competencies for health promotion practice. Students will develop skills in community needs assessment, determining priorities and defining target populations, and selecting an appropriate mix of strategies based on evidence and theory. Strategies that take into account social and health inequalities will be examined. Students will consider key steps in implementation management and methods for building program sustainability. Case studies, group work, planning tools and evaluations of health promotion programs will be used to develop practical problem-solving skills.	['describe the steps in planning a preventive health program;', 'identify data sources for needs assessment and community profiles;', 'develop a needs assessment incorporating elements of community profiling as the basis of an evidence-based program plan;', 'use published literature and formative research to identify determinants of population health needs that can be changed by health promotion action;', 'write SMART project goals and objectives that are clearly linked to health determinants;', 'apply a range of theories and evidence to select strategies that will meet project objectives;', 'identify administrative and management issues that need to be addressed for successful program implementation;', 'select approaches that maximise the potential for program sustainability;', 'describe the links between project planning and evaluation and the key steps in evaluation planning.']
PAR3032	This is the final clinical unit for the paramedic undergraduate and brings together all the previous clinical units.	['Apply the combined knowledge of all previous clinical units to the critical care and specialty situation patients.', 'At a graduate level, through scenario and simulation work, demonstrate an understanding of the presentation, assessment, and paramedic management of the selected critical care specialty conditions commonly encountered by paramedics.', 'Evaluate the drugs commonly used by paramedics and apply their use to the management of selected critical care specialty conditions.', "Integrate the clinical approach at a graduate level, to demonstrate your high level of theoretical knowledge, and clinical skills, to assess and manage patients with selected critical care specialty conditions in 'real time' work simulation. This will involve using an extended range of skills including: clinical problem solving, clinical decision making, patient safety, communication and teamwork.", 'Outline the structure of medical retrieval systems in Australia and the Asia-Pacific region and demonstrate the required clinical skills to participate in medical retrieval and/or inter-hospital transfers.', 'Develop clinical preparedness for transition to employment as a graduate paramedic.']
ATS1903	The unit will introduce students to ways of reading and writing about literature that will equip them for further study of literatures in English, creative writing, and international literatures comparative literary studies. This unit invites students to consider a number of concepts important to the study of literature and cultural movements. Through the close reading of texts from a range of times, places and traditions students are encouraged to understand how the pleasure of reading individual works relates to thinking historically and critically.	['Enhanced competence in the close reading of literary texts;', 'Familiarity with some key critical concepts and movements in literary history;', 'Skills in written and oral argument appropriate to the study of literature.']

VPR1011	This is a core unit in the Visual Practices sequence, and is one of four 1st year units. This unit provides students with an exploration of a broad range of approaches to production methodologies in contemporary visual art for those wishing to work in the arts industry. Topics are delivered in an intensive series of workshop environments and will include experimentation with a range of materials, techniques and conceptual approaches. Students will be encouraged to develop inventive solutions to a series of projects set around a variety of themes and concepts appropriate to each workshop. Teaching methods involve technical demonstrations, critical dialogue, class discussion and evaluation. Safe and sustainable approaches to fabrication techniques and materials are promoted as core values in the unit.	['Draw from their experience through different disciplines in the semester;', 'Develop conceptual solutions to projects set across a range of fine art media;', 'Experiment with production methods of a select array of mediums used in contemporary visual art practices;', 'Apply strategies of observation, analysis and experimentation across the developmental process;', 'Understand interdisciplinary approaches across contemporary visual art practices at both individual and collaborative levels;', 'Contextualise their work and its material rationale within the field of contemporary visual art practices;', 'Understand and apply the rules of occupational health and safety appropriate to sustained independent studio practice and in order to collaborate safely with peers.']
AMU3580	How are the internet and digital media making a difference to society, and how can we communicate awareness of these changes to society?.	['explain and demonstrate how the internet and digital media influence emerging socioeconomic, cultural, and political practices;', 'contextualise and explain how the internet and digital media relate to diverse interpersonal, local and global contexts;', 'critically evaluate the strengths and weaknesses of common scholarly explanations of the emergence and diffusion of the internet and digital media within society;', 'work in a team to plan and execute a project related to awareness of internet and digital media related social issues;', 'use different digital tools for explaining and expressing ideas, concepts and arguments.']
FIT5201	This unit introduces machine learning and the major kinds of statistical learning models and algorithms used in data analysis. Learning and the different kinds of learning will be covered and their usage will be discussed. The unit presents foundational concepts in machine learning and statistical learning theory, e.g. bias-variance, model selection, and how model complexity interplays with model's performance on unobserved data. A series of different models and algorithms will be presented and interpreted based on the foundational concepts: linear models for regression and classification (e.g. linear basis function models, logistic regression, Bayesian classifiers, generalised linear models), discriminative and generative models, k-means and latent variable models (e.g. Gaussian mixture model), expectation-maximisation, neural networks and deep learning, and principles in scaling typical supervised and unsupervised learning algorithms to big data using distributed computing.	['describe what statistical machine learning and its theoretical concepts are;', 'assess a typical machine learning model and algorithm;', 'develop, and apply major models and algorithms for statistical learning;', 'scale typical statistical learning algorithms to learn from big data.']

ACB2491	This unit examines the current Australian reporting and regulatory framework applicable to reporting entities including an analysis of significant accounting standards, professional reporting requirements and legal and stock exchange requirements. Accounting for corporate groups and issues in financial reporting are also explored.	['explain the nature and regulation of companies in Australia', 'apply accounting standards and the framework in the preparation and presentation of financial statements for both single and consolidated entities', 'demonstrate accounting knowledge in areas such as company operations, taxation, property, plant and equipment (acquisition and impairment), and group accounting', 'apply critical thinking, problem solving and presentation skills to individual and/or group activities dealing with company reporting and demonstrate in an individual summative assessment task the acquisition of a comprehensive understanding of the topics covered by ACB2491.']
NUR5219	This unit integrates knowledge and skills acquired throughout the course to prepare students for transition to practice as a Nurse Practitioner. The unit promotes capability in the management of stable, unpredictable and complex patient conditions that is evidence-informed and carried out within a holistic model of care. Students will expand their knowledge of the use of technology in Nurse Practitioner practice, including information technology and information management. The unit focuses on the high level communication and leadership skills required in NP practice, with emphasis on national and global influences on the NP role.	['Demonstrate independent skills in diagnostic reasoning and planning, implementation and evaluation of evidence-informed integrated care', 'Demonstrate a patient-centred approach to the planning, delivery and evaluation of health care', 'Analyse the role of technology in supporting health care in a specific area of practice', 'Critically analyse local, national and global issues that impact on Nurse Practitioner practice', 'Critically analyse and implement communication strategies that promote positive multidisciplinary clinical partnerships', 'Appraise measures to evaluate the quality of health care', 'Critically appraise the impact of the theoretical concepts of leadership on quality patient outcomes', 'Critically reflect on their personal and professional development in preparation for practice as a Nurse Practitioner.']
MKF2801	This unit bridges the market research process and strategy development by introducing students to industry and competitor analysis, as well as trend and consumer insight techniques, through the synthesis of secondary data. Understanding these macro insights is a fundamental part of the marketing landscape. By forecasting trends, managers can better understand what drives and motivates consumers. The synthesis of such secondary data can greatly assist in the development of successful marketing strategies.	['demonstrate the skills required to conduct, analyse, and interpret secondary data', 'track and analyse trends and use them to inform strategy', 'use secondary research to draw strategic implications and form recommendations', 'appraise the role and importance of trends analysis and consumer insight techniques within organisations.']
APG5642	This unit introduces students to a set of research and reporting approaches and techniques that enable in-depth investigation. The subject is designed to demonstrate a variety of practical research techniques, especially the use of public records and databases; to explore the relationship of investigative and news reporting; and to assist students to produce in-depth investigations of their own.	['Recognise what distinguishes investigative journalism from other journalism;', 'Develop their own ideas for investigative projects;', 'Utilize advanced skills in finding and interviewing a wide range of sources;', 'Employ a range of investigative research techniques;', 'Understand and utilise narrative and presentation techniques appropriate to in-depth journalism;', "Demonstrate an understanding of the role of investigative journalism in a democratic society and an appreciation of its practical link to the concept of the 'public right to know'"]

AMU1309	This unit shows how sexuality is the primary analytical category across multidisciplinary fields of study in Asian and global contexts, e.g. 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. In this unit, key areas of inquiry within Sexuality Studies are wide-ranging and include: sexual cultures, sexual communities, sexual labour or commerce or tourism, sexual education, sexual regulation or bias, sexual politics, sexual citizenship, sexual activism and rights, sexual deviance, sexual disability, sexual health and sexual ethics. The topics in this unit are highly sensitive even controversial as they set out to challenge assumptions, biases even prejudices that students have in making visible how constructed rather than naturalised gendered and sexual identities are, beginning with one's own.	['Identify relevant resources and key issues;', 'Relate key issues to different disciplinary contexts;', 'Discuss key areas of inquiry within Sexuality Studies across disciplines;', 'Examine the extent to which sexuality 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.']
CHE5886	This unit will equip students with a detailed understanding of advanced biopolymers. Wood and non-wood lignocellulose fibres will be covered in detail, including the isolation and utilisation of various components. Students will cover the efficient, large-scale production of cellulose nanomaterials derived from wood fibres, investigate alternative fibre sources, and learn about a variety of bio-derived polymers such as Chitosan and different protein polymers. The opportunities afforded from lignin and hemicellulose will also be discussed.	['Appraise the different types of naturally occurring biopolymers in terms of availability, morphology, composition and functionality to select the most appropriate manufacturing process.', 'Analyse the strengths and weaknesses of different biopolymers.', 'Assess the biomass composition balance of a mill and propose opportunities for business growth and development.', 'Design a biopolymer product based on market needs and formulate the most effective composition and process to achieve the required properties.']
ATS2624	The unit examines the origins, development and challenges of global governance. Students will be introduced to the core theoretical perspectives on global governance, and will critically examine its historical development over the 20th century, including the inter-war period, the Bretton Woods system and the post-Cold War neoliberal world order. Students will also examine the persistent challenges facing global governance in the 21st century, including the aftermath of the Global Financial Crisis, the role of rising powers and climate change, as well as reflecting on the future trajectories of global governance in an increasingly fragmented world.	['discuss global governance, its origins and historical development;', 'critically engage with core theoretical and empirical debates on global governance;', 'analyse and evaluate the ongoing challenges facing global governance and its future trajectories;', 'communicate (in spoken and written form) the core issues and controversies in global governance;', 'collaborate effectively with peers in group learning tasks.']

BTH1802	This unit will cover classical and modern biotechnology, including recent developments in molecular biology and its applications in such diverse areas as agriculture, forestry, food, medicine and marine sciences. This includes an introduction to bio-prospecting and pharmaceuticals; genomics, proteomics and bioinformatics; environmental and industrial biotechnology and the current issues and concerns surrounding biotechnology. Related topics such as human genome project, risk assessment, biosafety and genetically modified organisms and crops, cloning, patents, ethics intellectual property rights and the regulatory framework for biotechnology in various countries will be discussed.	['Demonstrate knowledge of the fundamental techniques and the basic principles of molecular biology and recombinant DNA technology that are required for biotechnology;', 'Demonstrate an understanding of the applications and impact of biotechnology in the areas of agriculture, medicine, and industry;', 'Assess and manage occupational health and safety issues related to biotechnology activities in the laboratory and in environmental and industrial settings;', 'Demonstrate an understanding of the basic concepts of biotechnology business, intellectual property rights, and the regulatory framework governing the biotechnology industry;', 'Apply knowledge of the fundamental ethical and regulatory issues surrounding the biotechnology field;', 'Communicate biotechnology findings effectively in the form of oral and written scientific reports.']
ATS3900	This unit explores historical and contemporary jazz compositional methodologies. By undertaking listening tasks and score analysis of works by seminal jazz artists, students examine composition concepts pertaining to a variety of ensembles. Following, students apply learned concepts to the composition of musical works, developing original approaches to jazz composition and arranging. In-class performance workshops provide students with practical experience and feedback.	['Understand historical and contemporary jazz compositional elements and arranging styles for large and non-traditional ensembles;', 'Critically evaluate, analyse and discuss contemporary jazz compositions and arrangements for a variety of ensembles from written score and audio media;', 'Apply learned arranging and compositional concepts to the formulation and development of musical works.']
ATS3062	The unit explores production and design practices in digital journalism, including content management systems used in newsrooms, management and design through the latest software programs. The unit examines the effective use of interactive features for multimedia news production, including polls, maps, soundslides and infographics. Students will learn how to produce visually appealing data through a range of software programs, including Adobe products. They will create web pages that feature rich multimedia content. The successful web pages will be showcased on Monash's journalism website, Mojo, or published on other news websites. Students will develop a special project through individual consultation with the lecturer to produce a high standard of multimedia journalism. They will apply production skills to breaking news scenarios, including natural disasters, police news, political developments or sporting events. Please be aware that access to certain technology/equipment will be required for this unit. Contact the unit coordinator for details.	['Acquire a conceptual overview of digital journalism production and its functionality in the newsroom.', 'Employ digital techniques to produce assets that enhance story-telling appeal via web pages.', 'Understand the mechanisms of content management systems and the use of basic HTML code to embed assets within story pages.', 'Employ data journalism software to create relevant data sets for news investigations.', 'Gain a high level of proficiency in producing and design web pages that are aesthetically appealing for the digital audience.', 'Develop digital production and design skills that will enhance job opportunities in digital journalism.']

MTH1020	Properties of real and complex numbers; algebraic functions and common transcendental functions; modelling change using elementary functions; limits and continuity; rate of change, derivatives, local and global extrema; sums and integrals, anti-derivatives, calculus applications: optimisation, area and volume, introduction to differential equations; Vectors in two- and three- dimensional space.	['Demonstrate basic knowledge of complex numbers, including algebraic manipulations and their various representations;', 'Demonstrate basic knowledge of vectors in two and three-dimensional space, their properties, and geometric applications;', 'Calculate simple limits to describe continuity and behaviour of one-variable real functions near a point and at infinity;', 'Explain how differentiation and integration arise as limits of functions;', 'Calculate derivatives and integrals using a variety of methods;', 'Use calculus methods to analyse function characteristics such as local and global extrema, concavity and points of inflection;', 'Solve differential equations of the separable variables type;', 'Use calculus techniques to solve a variety of problems that can be modelled with functions or with first order differential equations;', 'Demonstrate proficiency in mathematical writing and communication.']
LAW4155	This unit is a general introduction to international human rights law. It is concerned with human rights standards as they exist in international law and the international mechanisms for enforcing these standards. The unit will consider a selection of specific human rights, limitations to human rights (e.g. derogation in time of emergency) and some major contemporary international human rights issues.	['Analyse international human rights standards and evaluate mechanisms designed to enforce human rights at the international/regional level;', 'Explain and critically discuss the content of various human rights, such content being identified, inter alia, by reference to the case law of the UN treaty monitoring committees and regional human rights courts;', 'Critically evaluate some of the philosophical bases of and problems with international human rights law in light of contemporary human rights issues; and', 'Communicate effectively about human rights issues.']
LAW4155	This unit is a general introduction to international human rights law. It is concerned with human rights standards as they exist in international law and the international mechanisms for enforcing these standards. The unit will consider a selection of specific human rights, limitations to human rights (e.g. derogation in time of emergency) and some major contemporary international human rights issues.	['Analyse international human rights standards and evaluate mechanisms designed to enforce human rights at the international/regional level;', 'Explain and critically discuss the content of various human rights, such content being identified, inter alia, by reference to the case law of the UN treaty monitoring committees and regional human rights courts;', 'Critically evaluate some of the philosophical bases of and problems with international human rights law in light of contemporary human rights issues; and', 'Communicate effectively about human rights issues.']

BMS3052	This unit will have a combined approach and examine the biomedical and epidemiological impacts of human disease on society. It will concentrate on the pathobiological and biomedical basis of prevalent human disease processes. Relevant areas examined in this unit may change from year to year but will generally include immune and inflammatory diseases, (e.g. inflammatory renal and joint disease); cancer biology (focussing on mechanisms of tumour spread); cardiovascular biology, (coronary heart disease/cerebrovascular disease); diabetes, obesity and neurological diseases. Disease pathogenesis, including lessons gained from cell/molecular biology and disease models will be the major focus. Concurrently, the epidemiological/clinical features of each disease, current treatments, challenges and future treatment prospects, including clinical trials will be covered highlighting the importance of an evidence-based approach to health care. This will discuss the complexities behind treatment based decision making by reviewing the evidence- base and understanding the criteria for deciding on what is best evidence. This unit will consider the biomedical basis and epidemiology in the context of the Australian health care system, including the Pharmaceutical Benefits Scheme (PBS), health policy and service delivery systems, putting illness and health in the context of social, cultural and behavioural systems.	['Integrate and apply their knowledge from previous core units in the study of specific human diseases;', 'Describe and distinguish between the pathobiological processes related to disease;', 'Recognise and cite evidence for how biomedical research, including cell biology, animal models of disease and human studies are important in defining the pathogenesis of disease and the optimal treatment of disease in a public health context;', 'Demonstrate sophisticated interpretation and application of epidemiological methods and principles and discuss critically and cite evidence for the impact of disease on the individual and society;', 'Identify and evaluate the contribution of the epidemiological studies involved in prevention, diagnosis and treatment of specific diseases and justify your reasoning;', 'Critically assess the epidemiological quality of research in a range of studies outlining the basis of your methodological approach and criteria for determining the quality of the research;', 'Synthesise and critically analyse medical literature to discover future challenges in disease pathogenesis and treatment;', 'Further develop research skills including collaborative team work, clear communication and interpersonal skills as well as critical thinking and writing skills.']
ATS3077	Many people today say there is no one 'truth' that holds for all people in all places at all times, or that none of us can really be sure of life's 'meaning' in an absolute sense. But just a century ago the story would have been very different. So what happened between our great grandparents' generation and ours to revolutionise the way we think about truth and meaning? This is the question that sparks our journey through French culture in this unit. With concrete examples and clear case-studies we will walk in the shoes of film-makers, writers, artists and thinkers as they wrestle with questions of truth and meaning in the rapidly changing twentieth century world, questions that have all-too immediate implications: How should I live my life in a world without certainties? What, if anything, gives my life meaning? And what is left worth fighting for, living for, dying for?	['Gained an informed knowledge of key aspects of French literature, thought and visual culture in the twentieth century as they relate to themes of truth and meaning;', 'Improved their reading and analytical skills, and acquired skills in analysing works of visual culture in terms of recognising and understanding features specific to the themes of the unit;', 'Gained a clearer understanding of the importance and nature of questions of truth and meaning today through having studied the evolution of those questions in France over the past century;', 'Built skills of self-reflexive questioning in relation to the material studied;', 'Developed an ability to relate ideas to their literary or visual expression;', 'Developed skills in written and oral argument and presentation so as to present the analyses and understandings above.\n\nStudents taking the third-year version of this unit (ATS3077) will be expected to demonstrate in their text analysis and their essay a more explicit and sophisticated understanding of theoretical concepts germane to the analysis of the texts studied']

ATS3340	The unit introduces students to the key theories and issues facing global security today. It engages both traditional and non-traditional forms of security, examining global responses and options to address conflict, build peace, and create lasting security for states and individuals.	['identify and explain the theories of security and successfully apply them to contemporary global crises;', 'appraise several contemporary global security crises;', 'analyse the roles of states, global institutions (such as the UN Security Council), and non-state actors (such as NGOs or terrorist groups) in relation to questions of security;', 'utilise information and research skills to formulate and respond to essay questions;', 'critically assess the academic scholarship, including methods, assumptions and uses of evidence, and organise and defend a verbal and written argument based upon those assessments;', 'reflect upon and make critical use of a range of resources including, where relevant, on-line materials.']
LAW4173	This is a program of individual research and writing on a legal topic or project which has been approved by the Chief Examiner after consultation with the proposed supervisor. The topics or projects may be associated with opportunities for placements or internships in legal services in the private or government sectors, in Australia or overseas.	['Learn and work with autonomy, accountability and professionalism through a largely self-directed research project or practical professional project in an internship as appropriate', 'Identify and articulate complex legal issues', 'Apply legal reasoning and research to generate appropriate responses to legal issues', 'Engage in critical analysis and make reasoned choices amongst alternatives', 'Demonstrate cognitive and creative skills in approaching legal issues and generating appropriate responses and developing new understandings', 'Demonstrate the intellectual and practical skills needed to interpret legal conclusions and professional decisions, as well as to identify, research, evaluate and synthesise relevant factual, legal and policy issues', 'Communicate in ways that are effective, appropriate and persuasive for legal and non-legal audiences as appropriate for the particular research project.']
ATS3189	What is the relationship between reading and thinking?. And what are the particular ways of thinking that help and enrich how we read fiction, poetry, drama and literary non-fiction?. Literary theory refers to particular intellectual approaches or frameworks that assist us with understanding, enjoying, constructing meaning from and discussing literary texts. This unit provides a succinct and practical approach to the topic of literary theory. It provides students with the philosophical foundations of modern literary theory, and also with informative and interactive seminars on the contemporary schools of literary theory such as Marxist theory, psychoanalytic theory, poststructuralist theory, feminist theory and postcolonial theory. The unit then instructs the students on how to apply these theoretical approaches to the study of their favourite literary works, and it also provides those students interested in creative writing with the opportunity to develop their own literary and exegetical writings according to the insights of some of the world's major theorists of literature.	['discriminate between the major schools of literary theory;', 'explain some key critical and theoretical topics in literary theory;', 'critically read and interpret literary texts ;', 'produce a new work, in either poetry, fiction or literary non-fiction (Creative Writing stream students only).']

PAR2031	Paramedics encounter an abundance of pharmaceutical agents within their practice.	['Describe the basic principles of pharmacology, drug administration and monitoring as they relate to paramedic practice;', 'Identify routes of administration, absorption rates and safe work practices as they relate to paramedic practice;', 'Demonstrate proficiency in calculation of drug dosages for administration of medications by paramedics by a variety of routes;', 'Examine legal responsibilities associated with the administration and safe keeping of drugs within paramedic practice;', 'Identify and explain the actions and side effects of common pharmaceutical agents encountered within the pre-hospital setting;', 'Review and interpret the historical and current use of drugs used within paramedic practice.']
FIT5042	This unit provides students with an understanding of the design and development of systems that support the large enterprise in a web-based environment. Students will learn of the theoretical issues that need to be considered by the enterprise and how they can affect the development of the enterprise application. A number of techniques will be introduced as the technological means to build such an application with specific emphasis on the Java EE technology.	['analyse and critique enterprise software architecture on the web;', 'design, construct and publish enterprise applications using the Java programming language;', 'assess various advanced Java technologies used to build web applications for the enterprise and construct enterprise applications using advanced Java technologies;', 'apply, analyse and critique the use of advanced Java libraries and frameworks in building a medium-size web application for the enterprise.']
ATS3719	Modern political theorists grapple with significant political and social transformations such as capitalism, bureaucratisation, rationalisation and globalization. They diagnose various 'pathologies' they fear might result from these transformations: alienation and injustice, disenchantment and authoritarianism, nihilism and social disintegration. They also identify political solutions to these maladies: revolutionary action, charismatic leadership, new forms of democracy and citizenship, or new types of social movements. This unit examines and assesses modern political theorists' diagnoses of and cures for modern society, focusing on how they conceptualise key political concepts such freedom, power, community and legitimacy. It will do so by examining the political theories of Marx, Durkheim, Weber, Foucault, Habermas and other contemporary critical theorists.	['Will acquire knowledge about a broad range of political and social theories, both classical and contemporary, as alternative and differing approaches to analysing social relations, and hence will gain an understanding of how political and sociological knowledge has developed over time;', 'Will learn to critique certain accepted political and social theories and learn how to question dominant ideas and assumptions;', 'Will develop their oral and written skills in order to analyse theoretical material.']

BEX2500	This unit is a multi-disciplinary unit that aims to build on students' knowledge of business but with a focus on how students can use some decision making frameworks to tackle difficult business problems. The unit provides students the opportunity to demonstrate being critical and creative scholars and responsible and effective global citizens, and gain an understanding of multi-disciplinary decision-making in organisations. Students will have the opportunity to solve a difficult business problem facing society and use frameworks from marketing, statistics, economics, accounting and law to solve such a problem. Students will develop and demonstrate their career-readiness in this unit.	['understand a range of problems that face business and society, for example, the problem of how to tackle rising health care costs in Australia given our ageing population', 'develop frameworks for understanding multidisciplinary problems that businesses often encounter and devise solutions that build from prior knowledge in economics and statistics.']
MKF5251	Using the case study method this unit provides an analytical framework from which students can explore how marketing strategy is applied to a variety of organisations within the context of contemporary and emerging issues. Students will be taught how to analyse, evaluate and implement marketing strategy. As this is the capstone unit in the Master of Marketing degree course, a theoretical grounding in the earlier core marketing units is essential for students undertaking this unit.	['integrate the theoretical and functional aspects of marketing (and other business disciplines) into a practical problem-solving framework', 'analyse information supplied from a case and identify the core marketing problem', 'design, evaluate and recommend marketing strategies that solve the identified core marketing problem', 'develop personal communication and discussion skills.']
ATS3164	The unit will explore a selection of fiction and non-fiction texts that treat Italy as a site for transformations of the self. These self-discoveries are usually cast as positive but are on occasion of a more unsettling or disturbing kind. The unit will investigate why Italy has been a key site of renewal and 'undoing' in literature and will track the changes in the way such transformations of the self have been achieved. It will also account for the popularity of such narratives with readers past and present. In this unit there will be an emphasis on 'geo-located' reading experiences and writing exercises. For this reason there will be a particular focus on 'Tuscan transformations'; we will visit the actual sites and scenes of our texts and there will also be regular in situ writing excursions in Prato and surrounds.	['Demonstrate an understanding of the representation of Italy generally (and Tuscany in particular) as a site of personal transformation in range of texts.', 'Critically describe the diverse history of cultural investments in Italy as an agent of personal transformation for non-Italian writers.', 'Produce a piece of Creative Writing, either fiction or non-fiction, that explores the transformational potential of Italy.', 'Appreciate and articulate the relationships between environment, literary criticism and creative practice.']
ATS3170	This unit aims to develop students' intercultural competency and to foster their sense of global citizenship through academically relevant international experiences. Students will be required to undertake tasks which involve research and reflection prior to departure, during and after the conclusion of the in-country program elements.	['Exercise critical thinking and judgment in developing new cultural understandings;', 'Apply broad knowledge when analysing local context and program/project characteristics;', 'Exhibit cross cultural competencies and understand social entrepreneurship in diverse contexts;', 'Compare and contrast theoretical knowledge with in-country experience.']

MKS3444	The unit covers environmental factors affecting international marketing, the field of international business, international marketing research and marketing decisions, entry strategies, marketing planning, controlling and strategy for international business.	['analyse and evaluate how a range of international marketing criteria impact on a chosen and specific foreign market', 'develop, analyse, justify and evaluate market entry and longer term foreign marketing plans for a specific market', 'understand how current issues, trends and research in international marketing impact on designated foreign market segments', 'identify and evaluate how a range of specialised, localised and specific issues might impact upon business activity within a designated foreign market segment', 'utilise independent critical thinking and applied learning skills to develop an international marketing orientation in terms of a chosen market context.']
ATS2561	Sex and the media will examine contemporary media and the implications these have for gender, identity, relationships, communities and social policy. Critical interdisciplinary approaches are used to address the following key questions:	['A grounded working knowledge of the major theoretical and methodological approaches on sex and the media;', 'An informed theoretical critique of how gender and sexuality is constituted in popular culture;', 'An interdisciplinary approach to media analysis;', 'Library-based research skills and a working knowledge of the major data-bases used in the field;', 'The ability to think critically and analytically about gender representation in the world around them, and to articulate those thoughts in writing']
MAP5002	MAP5002 concludes a three-unit sequence (MAP5000, MAP5001 and MAP5002) which provides students with research experience.	['Complete the collection of data in accordance with the moral, ethical and legal responsibilities of scientific investigation, informing the research process and the overarching ethics approval.', 'Organise, analyse and interpret data meaningfully and according to the accepted practices within the research paradigm informing the research process.', 'Critically position their findings within the existing literature about the topic.', 'Generate defensible conclusions in respect to the significance of the research findings.', 'Demonstrate writing skills that meet the academic standards associated with a research thesis and (if relevant) a research publication.', 'Revise previous drafts in light of improved skills and increased knowledge of the topic area.', 'Manage time and resources in a collaborative manner.', 'Defend an informed position relative to a defined body of knowledge.']
GRS4102	The development and differentiation of the male and female reproductive systems and potential disorders are examined in this unit. Cellular and whole organ events involved in gonadal development and function are taught, using comparative animal models, and differences between the male and female, to highlight these events.	['Explain apoptosis and its role in reproduction', 'Define the concepts underpinning sex determination in animals', 'Describe embryonic stem cells and the male and female germ cell lineage', 'Explain gonadal development and differentiation', 'Contrast the development and differentiation of the male and female tract', 'Identify disorders of sex determination']

MED3200	Introductory Clinical Studies integrates the learning across MED3100 and MED3062. 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, practical skills sessions, and specialty teaching clinics and directed learning activities.	['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.\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.\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.\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.']
BEX3012	This unit is designed to provide students with the opportunity to put theory into practice in a business environment.	['compare and contrast theory and practice', 'apply theory to practice in a supervised environment', 'evaluate personal learning and personal development in a complex business environment', 'analyse complex business problems and to prepare and present innovative solutions.']

MGW3681	A study of management theory related to varying cultures, the multinational business enterprise and the significance of cross-cultural variables in the business environment. Topics include ethics and social responsibilities; communication; leadership; motivation, control and conflict; human resource management and industrial relations.	['relate management theory to various and different cultures', 'appreciate the complex challenges of the multinational business enterprise at the interpersonal and operational levels', 'compare and contrast a range of cross-cultural variables in the business environment.']
PGC5116	Students completing this unit will develop specialist knowledge and skills in the management of common medical syndromes affecting older people. The unit will focus on pharmacotherapeutics, medication-related problems and the role of pharmacists in the management of older patients with common geriatric syndromes. This unit assumes that students have a pre-existing understanding of the basic principles of medication management and pharmacy practice for older people. For students who have not completed PGC5115 Geriatric Pharmacy Practice, some pre-reading will be provided by the unit coordinator.	['Identify effects of ageing, disease and medications on cognitive function, falls and balance, bone health, bladder and bowel function and pain.', 'Provide evidence based recommendations and interventions to prevent and manage: cognitive disorders, falls, dizziness, osteoporosis, bladder and bowel problems and pain in older people in the context of best evidence,', 'Communicate effectively (oral and written) with patients, carers and other health professionals to complete clinical medication reviews and develop and implement medication management plans.']
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']
CDS4002	This unit is part two of the major project sequence for the honours course, and students are expected to continue with the research initiated in CDS4001, and develop a time frame which details the final visual presentation in consultation with a supervisor and the course coordinator. The project must have appropriate aspects to serve as a vehicle to demonstrate the student's professional understanding and capabilities, as well as appropriate complexity to enable the student to professionally undertake and present it within the time and resource limitations of the unit. All documentation must be completed to a professional standard.	['Develop and refine their graphic design project from the conceptual stage undertaken in CDS4001 Major Project (Communication Design) Part 1 through to a visual presentation which demonstrates a very high level of capability', 'Demonstrate a comprehensive understanding of the discipline and its professional practices, with particular reference to the social, cultural and aesthetic aspects of their investigation;', 'Demonstrate a high level of knowledge of the contemporary discourse in communication design and to be able to position their work relative to it;', 'Debate and/or defend their practice in an informed critical appraisal;', 'Demonstrate they have cultivated high ambitions to perfect their research and practice in communication design.']

ATS1248	This unit examines how archaeological and historical evidence can be used to study territorial and cultural expansion in the past. We focus on the development of the first empires in the Mediterranean including Assyria, Babylon, Persia, Athens, Macedonia of Alexander the Great, and Rome as well as the original spread of settlements in Australia and the Pacific. We explore how archaeological remains and historical texts can be used to study the movement of people and ideas and to identify the tactics states use to expand, strengthen, and celebrate their power, including military conquest, colonisation, trade, art, and literature. We examine the military ideology of the Assyrians, the internationalism of the Persians, the culture of classical Athens that built the Parthenon, the sweeping conquests of Alexander the Great, the hybrid culture of Kleopatra's Egypt, and the economic-military power of Rome under Caesar and Augustus. Hands-on tutorials explore the archaeological and historical methods used to reconstruct complex ancient societies.	['recognize the range of archaeological material available for use in the reconstruction of complex societies and empires;', 'understand the advantages and limitations of the different methods employed in reconstructing past societies and cultural contacts;', 'know the major cultures and historical periods of the Mediterranean from 1000 BCE to the fall of Rome, as well as key points in the settlement of Australia and the South Pacific;', 'identify the different tactics used by empires to incorporate, influence, and appropriate the territory and culture of surrounding regions;', 'analyse the structure and significance of the cultural exchange that operated between regions;', 'critically appraise arguments about past communities through the use of archaeological and historical evidence.']
NUT3001	This unit provides the opportunity for students to work with an academic supervisor to conduct a focused research project in the broad area of human nutrition. The research project may be chosen from a list of projects available at the beginning of semester from the Department of Nutrition and Dietetics. During this unit you will have the opportunity to utilise and apply knowledge and intellectual, practical and other skills acquired throughout your studies to enable you to undertake your research project. A major output of this unit is the final project report.	['Apply appropriate research methods in order to carry out scientific research and recognise the significance and relevance of the data and results obtained.', 'Integrate knowledge in the identification, description, analysis and solution of a research problem in the field of human nutrition.', 'Articulate clear research aims, methods and rationale.', 'Show appropriate skills in applying methods and techniques relevant to your chosen project.', 'Show initiative and independence, and manage your time and resources effectively to complete a project within allocated time scales.', 'Utilise relevant information sources for the planning, conduct and writing up of a project.', 'Maintain accurate, accessible records of data collection, decisions made and their rationale in a reflective workbook.', 'Utilise suitable software packages for data manipulation and the preparation of typewritten documents.', 'Evaluate the experimental approach adopted and recognise its strengths and limitations, and compare and integrate your project findings with findings from previous work reported in the literature or elsewhere.', 'Prepare a structured, coherent project submission, via a series of drafts that are subject to repeated improvement and updating.', 'Engage in critical discussion of the conduct of your project and the significance of its findings in an oral defence (three minute thesis).']

EAE4120	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.', 'a sound interpretation of their data and discuss their interpretation in a scientific manner.', 'their findings in a written form.']
EAE4069	The unit aims to teach the skills required to visualise and analyse (multivariate statistics) geological, geochemical and geophysical data in 3D, build 3D geological models, build property models (similar to resource estimation) and visualise and extract information from digital outcrop models. The units will expose the students to industry-standard software packages such as R, Orange, Gocad, Leapfrog Geo, Geomodeller, Geoscience analyst.	['Import and visualise exploration data in industry-standard 3D modelling packages (LeapFrog Geo, Gocad, Geomodeller, Geoscience analyst)', 'Analyse assays and geochemical data using deep learning methods (multivariate statistics) in R and/or Orange', 'Understand the concept of implicit modelling', 'Build 3D geological models', 'Perform geologically constrained interpolation of data and indicator data (derived from classification through deep learning).']
AZA1281	The unit is designed to help students understand crime and to be able to critically analyse and evaluate the various facets of crime. It does this by introducing students to the main paradigms (including the importance of an African paradigm) and theories of crime and critically evaluating the strengths and weaknesses of those paradigms and theories. It also analyses issues such as: What is crime? How does society decide that certain actions are criminal? What are the causes of crime? The seriousness of the crime problem; why society views corporate crime differently from street crime; how the media responds to crime; the value or otherwise of crime statistics and what effect the images of crime have on societies' perceptions of the crime problem and how it should be addressed.	['A critical understanding of the various facets of crime and the crime problem particularly from an African perspective;', 'An ability to evaluate theories of crime and their applicability to contemporary society;', 'An understanding of the value or otherwise of crime statistics and how they are used;', 'The ability to write an essay based on rational argument;', 'The skills needed to deliver an oral presentation;', 'Library and internet based research skills.']
ATS2219	This unit provides a detailed exploration of the research and innovative reporting practices for sports journalism in the digital age. It canvasses the major documentary and database sources, match reporting, contemporary issues and case studies, and key personalities and institutions in a range of major sports. It explores the usage of various technologies and social media in contemporary reporting practices, and critically considers the professional and social implications and accountabilities of sports journalism. This unit also features industry engagement and in-house internship opportunities (mojo digital magazine) working with highly experienced Monash staff.	['identify local, national and international people and events relevant to current issues and media issues;', 'report on sports events in a clear, concise, factual, creative and meaningful way using a variety of elements in a coherent news package;', "identify and research a sports story, conduct interviews and gather appropriate evidentiary material in the appropriate medium; 4. identify and observe key ethical and legal obligations associated with sports journalism, and reflect critically on their own and others' performance in this regard;", 'work independently, innovatively and collaboratively in learning and production processes, including online forums, to produce sport reports to deadlines and under pressure.']

ATS3760	People and nations in the 21st century are globally inter-connected. The unit explores why and how communication, underpinned by the innovations of Information and Communications Technologies, is a key contributor to globalising processes in political, economic and socio-cultural fields. The central focus is to examine Global Communications as an established and legitimate process which is strongly influenced by these processes. Topics include the relationships between Global Communications and global economy, politics, military operations, inequality, diplomacy/espionage, and cultural expressions.	['demonstrate a greater understanding of the historical development of Global Communications; and gain a deeper understanding of how the ever innovative world of electronic communication continues to impact everybody in the globe;', 'explain positive and negative roles of Global Communications on international conflicts, poverty and wellbeing;', 'describe the ways in which information flows from one part of the world to another or globally; and articulate the consequences;', 'illustrate empirically how international diplomacy and business are affected by the management of communication; and vice versa;', 'articulate and apply an advanced understanding of theories of Global Communications with reference to national and international economy and politics;', 'have consolidated independent research skills as a senior undergraduate student.']
ASP3231	This unit gives students theoretical background and practical experience in modern observational astronomy. ASP3231 students study telescope optics, spectroscopy, CCD imaging, image processing, statistics, astronomical distances, stellar evolution, extrasolar planets, neutron stars and galaxies. An observational project, including an astronomical observing session and analysis of the observations, comprises a substantial component of ASP3231.	['Explain and understand the concepts taught in the unit, including astronomical instrumentation, data processing, photometry and spectroscopy;', 'Describe how we observe celestial objects across the electromagnetic spectrum and how these observations are used to understand the nature of celestial objects;', 'Evaluate the accuracy of astronomical instrumentation and observations, including angular resolution, spectroscopic resolution and photometric precision;', 'Apply their knowledge to execute an observing program and use astronomical imaging to understand the nature of a celestial object;', 'Present and communicate the results of an astronomical observing program.']
ACX4090	The unit provides an overview of research in management accounting, including consideration of the major theoretical foundations of the management accounting discipline and the variety of research methods employed to investigate management accounting topics. Research related to a variety of management accounting practices is examined including budgeting, performance measurement, incentives, and formal and informal methods of control.	['discuss research paradigms and relevant theories as they relate to management accounting research', 'evaluate and contrast research paradigms and different research methods used in management accounting research', 'critically evaluate empirical research and develop an ability to identify major research questions in management accounting research', 'apply critical thinking, problem solving and presentation skills in individual and/or group activities dealing with issues in management accounting research.']

PHA3032	This unit provides an integrated understanding of how drugs affect neuronal and endocrine function. Four major areas are covered: major neurotransmitters within the brain, reproductive endocrinology, metabolism and disorders of pancreatic and thyroid function, mood and pain, and, neurodegenerative disorders. The focus is on mechanisms of action, use and side effects of drugs affecting a range of neuronal and endocrine functions and includes topics such as drugs used in anaesthesia and sedation, anxiety, depression, epilepsy, schizophrenia and psychoses, Parkinson's and Alzheimer's disease, reproduction and contraception, diabetes, thyroid function and metabolism and calcium homeostasis.	['Apply knowledge of central neurotransmitter and endocrine systems to predict the effects of drugs;', 'Integrate and reconstruct knowledge underlying the cellular mechanisms of neuro- and endocrine pharmacology to predict outcomes in the whole animal;', 'Present, analyse and interpret data from a range of experiment types and discuss this in the context of current scientific literature;', 'Execute experiments in neuropharmacology and endocrine pharmacology to present, analyse and report the data obtained;', 'Source, integrate and critically evaluate the scientific literature to address a defined pharmacological problem relating to neuro- or endocrine pharmacology.']
MPH5266	This Unit will review key leadership, management, and organisation theory and its application to healthcare settings.	['Explain the application of complex management theories in the management of health care teams and organisations.', 'Interpret the applicability of health care research findings to health care management practice.', 'Formulate practical solutions and apply management experience to solve complex health management problems.', 'Demonstrate theoretical and practical approaches to leadership within health services and the importance of clinical engagement.', 'Communicate health care management solutions to specialist and non-specialist audiences.', 'Evaluate the perspectives of health care consumers and other stakeholders in health service planning.']
CHE3171	This unit explores how scalable, commercially viable process-unit operations are harnessed by the biotechnology industry for the production of valuable biomolecules (eg recombinant proteins, peptides, vaccines, enzymes, and nucleic acids). The design, operation and economic issues surrounding large-scale biomolecular process equipment including bioreactors, filtration systems, chromatographic columns, sterilisation and aseptic operation, auxiliary equipment and the associated control systems will be considered. The wider biotechnology environment will be considered especially with regards to GxP, national and international regulatory bodies, biosafety and commercialisation.	['Describe biological systems and molecules and how these are harnessed in biotechnology.', 'Analyse the performance of unit operations involved in bioprocessing.', 'Generate a process flow diagram for a bioprocessing plant.']

CHE6410	The goal of the Unit is to introduce graduate researchers to the practice of research. It is founded on perspectives from the Philosophy of Science (PoS) which addresses questions of what "science" is and what it means to be a scientist. The unit firstly introduces the structure of scientific arguments and aims to demonstrate how a knowledge of this structure can enable critical thinking and scientific communication. The unit also aims to make graduate researchers aware of the complex social process that modern science is and introduce them to aspects such as research funding, planning and budgeting research projects, research metrics, technology development and commercialisation, intellectual property and patents, current socio-political views of science and scientists, etc.	['Critically review scientific arguments to identify research questions, discern inductive arguments leading to hypotheses and deductive arguments leading to valid experimental tests.', 'Generate a research proposal by applying the hypothetico-deductive framework to a research problem, formulating a research plan, assessing material and human resources required for the research, and justifying a research budget.', 'Appreciate prevalent sociological perspectives of science and reflect on their consequences for publicly-funded scientific research, such as research quality assessment and metrics.', 'Appreciate the steps involved in developing and commercialising technology and the value of scientific skills in this process.']
MPH5218	Importance of transmission source, host and organism factors in infectious disease epidemiology. Outbreak investigation, surveillance of infectious diseases, prevention/control strategies, mathematical modelling of infectious diseases and of impact of immunity. Includes discussion of infection control, vaccines, exotic and emerging diseases.	['Describe the importance and dynamic nature of infectious diseases;', 'Identify the unique aspects of infectious disease epidemiology and their practical relevance;', 'Apply evidence based strategies in the prediction, detection and control of infectious disease outbreaks;', 'Critically evaluate the epidemiologic principles underlying disease surveillance programs;', 'Critically evaluate the epidemiologic principles underlying disease control and prevention strategies;', 'Examine the role of mathematical modelling in relation to infectious diseases.']
MKM5251	Entrepreneurship and innovation are at the heart of modern business and social enterprises, nation states and society, driving economic development. Entrepreneurs in all situations identify opportunities that others cannot, and locate and configure resources in new ways to create value for stakeholders. This unit aims to provide students with an understanding of the processes, risks, rewards, motivations, and societal impacts of innovation in community, national, regional and global settings. It aims to inspire students to develop an entrepreneurial mindset, and to support their ability to innovate and build organisations for sustainable growth, benefiting all stakeholders. The course will explore the nature of enterprise, the role of the entrepreneur, and the role of innovation and technology in the entrepreneurial process. The focus is on capability development and growth, making it relevant for small and large, profit and not-for-profit ventures. It is aimed at nurturing individuals wishing to create innovative futures for themselves and their communities, and for markets and economies.	['explain how an entrepreneurial mindset and the associated skills supports innovation in the contexts of corporate venturing, social entrepreneurship and business start-up projects', 'apply an entrepreneurial mindset and skills to develop innovative solutions to complex community and business problems in conditions of uncertainty', 'recommend strategies to evaluate entrepreneurial skills, values and behaviours; and to further develop the entrepreneurial mindset of both themselves and others', 'demonstrate entrepreneurial and innovation related skills, including identifying and evaluating opportunities, solving problems creatively, communicating effectively, and influencing stakeholder groups', 'demonstrate the ability to work productively in teams to collaboratively explore opportunities, generate ideas and find and communicate solutions to a predefined challenge.']

MKC3460	This unit builds on MKC1200 by extending the issues relating to communication. Conceptual framework for the planning, integration and control of the communication process; determining the communication options available to organisations; developing realistic communication objectives for different types of marketing communication; budgeting and allocating resources to the communication elements within the budget. Evaluating the effectiveness of the marketing communication plan and the strategic use of the techniques of advertising, sales promotion, publicity/PR and personal selling, sponsorship, direct marketing and the use of communication in electronic commerce.	['critically evaluate the role of Integrated Marketing Communication in building brand equity', 'employ a conceptual framework for the planning, integrating and control of the marketing communication process', 'demonstrate the strategic use of each of the communication elements -- advertising, direct marketing, sales promotion and PR/publicity', 'formulate relevant ideas on campaign message and creative strategies and discuss them', 'recommend appropriate ways to evaluate a marketing communication campaign.']
ATS2002	This unit continues the overview of the important sentence structures of modern standard Chinese begun in Chinese introductory 1. Equal emphasis is placed on the four skills of reading, writing, listening and speaking. Students will continue to be familiarized with Chinese culture and customs as they relate to daily life from a cross-cultural perspective.	['The ability to read around an additional 250 Chinese characters (500 in total) and identify important\nassociated radicals.', 'The ability to write around an additional 250 Chinese characters in simple composition (around 500 in total).', 'The ability to use oral/aural skills necessary for communication in a range of\neveryday practical situations (approximates to Common European Framework of Reference for Languages A1+).', 'The ability to use the pinyin Romanisation system.', 'A critical understanding of Chinese culture and customs as they relate to daily life from a cross-cultural perspective.']
NUR4401	This unit provides students with the opportunity to encounter a challenging research environment through the interaction of philosophical paradigms and extension of theoretical knowledge and acquisitions of skills to facilitate the undertaking of a research project. The unit will build upon knowledge gained in core undergraduate research units. Students will be allocated a research supervisor to begin formulating research questions and methodology for subsequent study.	['evaluate and utilise appropriate philosophical foundations of research;', 'distinguish and critique quantitative and qualitative methodologies;', 'develop and utilise research skills in the following areas:\n\nadvanced online searching;\ndocumentation management;\ndata collection methods and analysis; and\n', 'advanced online searching;', 'documentation management;', 'data collection methods and analysis; and', 'begin formulating research question and proposed study.']
ATS2113	The unit develops and consolidates cultural knowledge and Indonesian language skills through a study of contemporary issues such as controversial concerts by global artists, animal rights and religious diversity as presented by the Indonesian media. Seminars and tutorials provide language practice through discussions, debates and other communicative tasks investigating the cultural and political background to long term and emerging issues in Indonesia. In addition, students acquire self-directed learning strategies related to vocabulary acquisition, analytical reading skills and the application of grammatical structures.	['extract and utilise basic information from Indonesian media sources to further develop understanding of Indonesian culture and society;', 'identify common journalistic expressions and vocabulary related to reporting in Indonesia;', 'inquire and report on Indonesian opinions related to current and emerging issues;', 'summarise and discuss aspects of Indonesian syntax and vocabulary formation in Indonesian;', 'apply appropriate learning strategies to specific tasks.']

PSY6103	Students completing the unit will have further developed their skills in therapeutic techniques and delivery of treatment in CBT and other integrative treatments for treatment of a variety of disorders, acquire the knowledge and skills to design focused treatment plans, appropriately implement treatment as required by a placement setting under supervision, report intervention outcomes appropriately, and have an understanding of the underlying theories of such interventions.	['To further develop skills in cognitive behaviour therapy', 'To develop the knowledge and skills to apply CBT and other integrative treatments to a variety of disorders under supervision', 'To develop knowledge and skills to design a CBT-focused treatment plan', 'To provide an awareness of some other modes of therapy and related underlying theory', 'To engage in and develop self-reflective practice']
ATS2992	The unit explores the impact of the global movement of people and goods on environmental sustainability. Based in different international locations, students will undertake field work with partner organisations that focus on areas such as food and water security, conservation and urbanisation, eco-tourism, the impact of key regional economic sectors on the local environment, global supply chains and environmental sustainability. The fieldwork components of this unit will allow students to apply the theoretical knowledge they gain in class to real world problems.	['recognise and explain the interplay of regional and global factors that impact environmental sustainability;', 'evaluate organisational responses to issues of environmental sustainability;', 'apply theoretical knowledge to real-world issues;', 'communicate effectively in both written and oral formats;', 'work collaboratively;', 'identify and utilise intercultural competency skills.']
SWM5100	This unit offers an overview of the history and contemporary context of social work practice within a framework of understanding the connection between social issues, policy development and strategies for sustainable change at both local and global levels. The unit is underpinned by notions of social justice and human rights and offers a preview of topics that will be studied in greater depth in subsequent units within the course.	['Describe the nature of social work in a range of contexts and settings as well as describe contemporary debates about the nature of social work.', 'Critically analyse the ethical value base of social work with particular reference to human rights and the promotion of social justice.', 'Critically analyse key global social policy issues including, but not limited to, mass movement of people, climate change, reconstruction and poverty.', 'Critically review and analyse contemporary trends in the delivery of social work services.', 'Articulate the nature of social change and the strategies to achieve this.']
OCC1011	This unit will provide students with the skills necessary to describe the role of an occupational therapist as distinct from other health professionals. Students will learn to demonstrate appropriate professional behaviour and beginner's competency with specific early clinical skills. The unit will support students to develop an awareness of the legal, cultural and ethical issues of practice, and begin to understand and articulate some of the challenges faced by clients/consumers of health services.	['describe ethical and legal issues pertinent to a practicing occupational therapist;', 'demonstrate effective communication and interview skills for practice;\n\nTheme 2: Population Society and Health', 'consider concepts of disability and appreciate the impact of disability upon the individual;\n\nTheme 4: Applied Practice', 'develop competent pre-clinical skills in client handling, equipment use and prescription, and the correct use of mobility techniques;', 'examine safety and basic infection control issues in the workplace;', 'apply task and activity analysis to the occupational therapy practice context.']

SCI4501	Working in collaboration with innovative industry partners and the Faculty of Science, students will complete an independent research project. Through this process, students will be connected to industry partners to gain an understanding of the challenge that has been set, the nature of the industry and stakeholder needs. This is the preparatory unit to develop student's theoretical understanding of the industry challenge in preparation for the development of the project plan and commencement of the group based Challenge project in SCI4502.	['Undertake and interpret independent research to demonstrate a critical and analytical understanding of the current scientific, social, corporate and/or political contexts of the project;', 'Execute a stakeholder analysis and appraise a range of needs to evaluate and illustrate the problem;', 'Integrate research into a professional report that articulates the problem and possible solutions and shows critical thinking and persuasive communication;', 'Use persuasive presentation skills to articulate the problem and possible solutions.']
BES4010	An in-depth introduction to quantitative research methods. This subject is one of two that together supply the research methodology skills and knowledge necessary for students to complete an independent research project at the honours level. It provides a comprehensive coverage of quantitative research methodologies. Topics include: survey studies/correlational field studies; forms of regression; analysis of variances; discriminant analysis; factor analysis; non-parametric statistics.	['gain comprehensive business-related research skills, including an extensive grounding in a range of quantitative research methodologies', 'gain the necessary quantitative skills to undertake independent research', 'develop effective report writing and communication skills', 'have the ability to comment critically on research publications.']
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']
TRC3000	Students will learn the planning and communication skills required to undertake a group project. An introduction will be given to the evolution of mechatronic technologies, design tools and methodologies, concurrent engineering design support tools, mechatronic design process and requirement interpretation. The acquisition of these skills will be motivated and tested by applying them in a group project to design and build a mechatronic system. The mechatronic system will be based on a microcontroller together with appropriate mechanical structure, sensors and actuators.	['NA']

AZA4450	The goal of this interdisciplinary research methodology unit is to provide students with a broad introduction to research in the Social Sciences and Humanities. Students will develop the skills required to conduct an independent research project and present their findings in the required form. Topics to be covered include research planning, design and execution, theoretical framework, argumentation, research methods, research ethics, data collection and analysis, and discourse and textual analysis. Discipline specific aspects of research will be covered in 3 weeks (out of the 12 weeks/semester).	['Understand the meaning of research and research methodology in the Social Sciences and Humanities;', 'Understand the dynamic relationships between their chosen research topic, the questions they ask and the methods they use;', 'Understand the practical, theoretical and ethical issues surrounding research in the Social Sciences and Humanities;', 'Appreciate different research methodologies and select those relevant or appropriate for their research topic questions;', 'Understand the place of different research methodologies in multidisciplinary and interdisciplinary contexts;', 'Develop the skills to write a thorough and well-structured research proposal in their area of research interest.']
MMT5004	This unit is an extension of the minor thesis unit enrolled in to gain extra time to complete minor thesis work.	['NA']
PGW5208	This unit will explore issues surrounding the development of advanced practice in wound care including ethics, evidence based practice, critical thinking and critical reasoning, reflective practice, cost-effectiveness, patient-centred practice and the development of expertise and leadership.	['Integrate the roles of teacher, leader, consultant, researcher, change agent, role model and reflective practitioner as part of the advanced practitioner role.', 'Identify barriers that may impact on the delivery of effective wound care and suggest appropriate management strategies for overcoming them.', 'Utilise evidence based practice in the management of complex wounds.', 'Demonstrate advanced knowledge through planning, implementation and evaluation of care for patients with complex wounds.', 'Develop communication strategies for planning and evaluating outcomes of care for patients with wounds.', 'Critically analyse wound management interventions in light of available research and evidence.', 'Reflect critically on professional practice in wound care.']
ATS2226	The unit will consist of two integrated and complementary sections: Culture and Language.	['utilise grammatical concepts and vocabulary at a level equivalent to B1 of the European language framework;', 'competently communicate at a level equivalent to B1 of the European language framework;', 'analyse and discuss the interrelation between history and cultural production in 20th century Italy;', 'critically and creatively analyse cultural texts of historical relevance.']
ATS1288	Performance in Context II is the companion unit to Performance in Context I, both of which function as foundational units in the Theatre major and minor. Performance in Context II will extend students' understanding of concepts, theories and practices in the discipline. Whereas as Performance in Context I exposes students to traditions and conventions of mainstream theatre, Performance in Context II will explore challenges to convention, such as avant-garde theatre, feminist performance art, and site-specific performance. Students will create their own devised work as part of the assessment requirements.	['Familiarity with concepts, theories and practices within the discipline of Theatre', 'Deeper knowledge of the history of theatre and performance', 'Understanding of the ways in which the physical conditions of performance might shape performance outcomes', 'Ability to embody critical interpretations of performance theories and forms in practical work', 'Capacity to articulate critical and imaginative interpretations of performance texts and processes in systematic written argument and clear, concise oral presentation.']

ATS2352	This unit presents an archaeological study of New Kingdom Egypt when the country was one of the dominant powers in the Mediterranean. At the height of the Late Bronze Age, the kings of Egypt were leaders in the intensive elite trading network that created an internationalism of unprecedented scale across the Mediterranean. Combining material and textual evidence with current approaches to archaeology, the unit examines the international character of Egyptian culture through four main phases within the New Kingdom period: the reigns of the female king Hatshepsut and her co-regent Thutmose III; Amenhotep III to Tutankhamun; Seti I and Ramesses II; and Ramesses III.	['Know the characteristics and development of Egyptian culture throughout the New Kingdom.', 'Be aware of the nature and impact of international trade during the height of the Late Bronze Age.', 'Understand current archaeological methods and theories used to study ancient Egyptian culture.', 'Identify the types of material evidence available and the variety of ways in which they are interpreted.', 'Recognize the Egyptian perception of their world.']
SCI4210	Students undertake honours level coursework in an area of science.	['Demonstrate a high level of understanding of the key theoretical and practical aspects of their area of study, including to have gained insight into the specific discipline and its place within the broader scope of science;', 'Have acquired knowledge, skills and attitudes appropriate to their area of study;', 'Demonstrate the potential to pursue higher studies and learning in their area of study.\n\nThe specific learning outcomes will be in accordance with the objectives of the specific discipline.']
SCI4501	Working in collaboration with innovative industry partners and the Faculty of Science, students will complete an independent research project. Through this process, students will be connected to industry partners to gain an understanding of the challenge that has been set, the nature of the industry and stakeholder needs. This is the preparatory unit to develop student's theoretical understanding of the industry challenge in preparation for the development of the project plan and commencement of the group based Challenge project in SCI4502.	['Undertake and interpret independent research to demonstrate a critical and analytical understanding of the current scientific, social, corporate and/or political contexts of the project;', 'Execute a stakeholder analysis and appraise a range of needs to evaluate and illustrate the problem;', 'Integrate research into a professional report that articulates the problem and possible solutions and shows critical thinking and persuasive communication;', 'Use persuasive presentation skills to articulate the problem and possible solutions.']
PBH3008	This unit will utilise a 'case study' approach to build on students' previous learning about global health. The intent of this unit is not only to further students' awareness of global health issues, but also to encourage critical thinking about the underlying causes and the efficacy of current global health programs and approaches. It aims to equip students to work in the area of global health both in Australia and abroad.	['Explain the current and future threats to global health and their underlying causes', 'Discuss the interaction of the environment and health including climate change, conflict and natural disasters', "Demonstrate increased cultural capability in relation to Aboriginal health and how to apply a 'strengths based' approach to Aboriginal health issues", "Assess public health programs addressing health issues at a national and global level including the program's capacity to address health inequities and the appropriateness of design", 'Critique key global strategies and frameworks including the sustainable development goals, the Ottawa charter and the global framework for tobacco control']

PAR1022	This unit uses the framework of human development to examine health throughout the lifespan.	['Describe physical, cognitive, and psychosocial milestones of human development throughout the lifespan, applying contemporary theories of development.', 'Describe the biological basis, epidemiology, pathophysiology and course of disease for common acute and chronic health issues that occur across the lifespan.', 'Identify the individual, social and cultural factors contributing to selected human disease health and development.', 'Explain the consequences of selected human diseases for health systems and society.', 'Summarise theoretical perspectives on grieving and loss.', 'Develop organisational and communication skills in a small team environment.']
SDN1002	Students taking this unit will engage with the social aspects and collaborative processes of design. Two fundamental modules will be explored: key observation and representation skills for design development and communication; and the physical and qualitative properties of common spatial practice materials.	['Prepare a design proposal in response to a simple project brief;', 'Consider aesthetic, functional, sustainable and programmatic aspects of design outcomes;', 'Draw in 2D and 3D using computer aided design software;', 'Engage with concepts relevant to the inhabitation of space as key concerns of interior architecture;', 'Record the processes undertaken in the production of a design proposal using a range of media;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']
ATS1091	This unit is for students with little or no knowledge of the language. This unit consists of two components. Component 1: Language. A communicatively oriented German language course designed for all-round development in the language. Component 2: This component will familiarise students with the history, culture and the socio-economic conditions of the German-speaking countries.	['NA']
EAE3540	A three-week field camp during the mid-year vacation, the unit aims to teach the skills of geological mapping in a classic field location of Australian geology. The emphasis will be on observing, recording, and interpreting geologic phenomena in the field. Students will draw on a theoretical background of lectures and laboratory studies in first, second and third-year geology to analyse real rocks in the real world. Students will use their observations and interpretations to construct geological maps and cross-sections and determine the geological history of a complex poly-deformed terrane.	['Observe and interpret the distribution of lithologies and structures in the field.', 'Describe the basic concepts of field mapping techniques.', 'Produce a geological map and cross-sections from field observations.', 'Determine the relationship between structure and metamorphic assemblages.', 'Visualise complex three dimensional geometries.', 'Unravel the geological history of one of the most complexly deformed terranes on the planet.', 'Determine overprinting relationships from field geology.', 'Communicate results in a written report.', 'Work in a team environment and communicate of results with peers.']

MAE5408	This unit gives an overview of the fundamental methods of orbital mechanics and spaceflight dynamics. It provides students with a coherent and unified framework for the mathematical modelling, analysis and control of space vehicles. The focus will be on the physical phenomena and analytical procedures required to understand and predict the behaviour of orbiting spacecraft. The students will see and appreciate how these methods are applied to real space systems and why spaceflight dynamics is a crucial tool in the development of any type of space mission.	['NA']
ATS3241	This unit looks at the development of the Italian theatre from the Commedia dell'Arte to modern theatre. It analyses works by playwrights such as Carlo Goldoni, Federico De Roberto, Eduardo De Filippo and Dario Fo. The unit considers critical approaches to the prescribed texts and, using as a starting point Dario Fo's Manuale minimo dell'attore, it will examine aspects of the Commedia dell'Arte which have filtered through to modern theatre such as the use of the mask and philosophical issues relating to it and the function of comicality, satire and humour. Attention will be given to the response of individual playwrights to issues relating to social reality, identity and representation of reality.	['NA']
CIV6881	This unit covers theoretical and practical knowledge of groundwater hydraulics, emphasizing analytical and numerical modelling skills.	['describe the fundamentals of subsurface flow and transport.', 'design hydraulic tests to obtain basic aquifer parameters.', 'derive analytical solutions for ground water flow and contaminant transport problems.', 'model ground water flow, solute transport and variable density flow numerically.', 'conduct model calibration, parameter estimation and sensitivity analysis.', 'work both independently and collaboratively on complex ground water problems.']
ATS3226	The unit will consist of two integrated and complementary sections: Culture and Language.	['utilise grammatical concepts and vocabulary at a level equivalent to B1 of the European language framework;', 'competently communicate at a level equivalent to B1 of the European language framework;', 'analyse and discuss the interrelation between history and cultural production in 20th century Italy;', 'critically and creatively analyse cultural texts of historical relevance.']

ATS3639	What does justice demand of rich individuals and/or nations in response to poverty, climate change and natural disasters? What difference does it make if these misfortunes occur inside or outside of our national border? What is the proper role of international organizations in addressing these problems? This unit examines conflicting answers to these questions offered by leading theorists in environmental ethics and international justice. The unit will serve as an introduction to central moral and political dilemmas of the 21st century. No background in philosophy is required, merely an interest in rational debate about world affairs and a passion for the question: what ought we to do?	['critically assess the ethical aspects of proposed measures to alleviate environmental problems, global poverty and inequality', 'apply theories of justice to problems of practical concern', 'comprehend and critically assess complex moral and political arguments', 'effectively communicate theoretical ideas in written assignments', 'contribute to the developing debate on the justice of current international relations and solutions to international problems.']
APG5640	The unit examines the ways in which the production and distribution of media and journalistic products are regulated and how journalism is held accountable. Legal, economic, political, technological and social processes are considered. An underlying theme is a critique of the development of and contradictions among different ideas of free speech, and how these are used to promote or defend a range of communication practices.	['Have a strong working knowledge of the legal rights and responsibilities of journalistic practice, their ethical dimension, and their historical and political contexts', 'Understand major scholarly approaches to and debates about researching journalism organisation, practice and consumption in a social context', "Analyse critically and deploy reflexively the principles of 'the public right to know', 'freedom of expression' and 'access to information'", 'Understand issues and debates about freedom of expression in an international and cross-cultural context', 'Understand, and be able to apply, critical knowledge of major scholarly debates in journalism studies in face-to-face and online discussion, and to further apply these in written assessments across practice and research', 'Critically understand the various roles of journalism in society and based on this formulate your own value base regarding these roles, addressing the question - what is journalism for?']
CIV3284	This unit introduces students to concrete technology, reinforced concrete and masonry design. Three major topics areas are basic concrete materials technology, reinforced concrete analysis and design, and masonry basics and design. The unit provides a balanced coverage of the practical construction aspects, analytical methods and design aspects.	['Identify types of cements, aggregates, and admixtures in concrete.', 'Describe the properties of fresh and hardened concrete.', 'Describe and decide concrete specifications.', 'Design concrete mix and assess concrete mix proportions for various applications.', 'Analyse loads and their representation on structures.', 'Design reinforced concrete and masonry structures using relevant Australian Standards.']
MDC5001	This unit represents the third of a three-part design project and students are expected to continue with the research initiated in Design project (part two). Defined designs are expected to be detailed resulting in an assessable design outcome. Regular group and individual critiques of the project will be undertaken as the project and the thinking underlying it develop. Both the intentions of students and the results of their work are debated in group discussions and critical sessions. Students will be expected to demonstrate a strong capability to detail design issues.	['Be able to demonstrate a capability to independently select and apply relevant design methodology to resolve and detail their design project;', 'Be able to debate and/or defend their outcomes in an informed critical appraisal;', 'Demonstrate an extensive understanding of their design discipline and its professional practices, within the scope of their investigation;', 'Demonstrate a capability to lead, manage and plan complex design projects within their selected field;', 'Understand and be able to apply the rules of occupational health and safety appropriate to the unit of study.']

MGF5921	Introduction to the field of human resource management for students without managerial or supervisory experience or work experience. Topics include the purpose of HRM and its contribution to meeting organisational and employee needs; the strategic role of human resource management and the contribution of HRM to competitive advantage; HRM challenges faced by organisations in a global and competitive environment including attracting and retaining skilled staff, issues relating to diverse workforces, safety and wellbeing, performance and reward management in developing employee capabilities.	['define HRM and understand the purpose and the range of activities associated with the area of Human Resource Management (HRM)', 'understand and differentiate between basic models of HRM', 'understand and analyse the strategic contribution of the HR function and HR managers', 'understand the global context and its effects on HRM', 'examine a range of HR challenges faced by organisations and explain how the activities normally associated with HRM can address such issues', 'critically engage with and apply HRM theory and empirical research published in current academic literature individually and in groups.']
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']
FIT5138	This unit covers the core software engineering disciplines concerned with the design and development of complex software-based systems using advanced software engineering methods and technologies. This involves specification of software systems using advanced design languages and formal logics, as well as verifying the correctness of such specifications using formal engineering analysis methods and various mechanical/automated tools. Topics include design/modeling languages, software architecture design patterns, complex system design methods, mathematical logic, formal specification languages, theorem proving, and model checking. It shows how to analyse model complex software systems, how to express properties that the system should adhere to and how to use mechanical/automated tools to verify such properties.	['define requirements for complex interactive software systems;', 'use modern high-level languages and technologies to document the architecture of complex reactive software systems;', 'design new a high-level domain-specific language for a specific domain;', 'articulate the central technical challenges of distributed reactive software systems and corresponding solution design patterns;', 'develop suitable architectural-level solutions for complex interactive software systems;', 'articulate the role of formal logic and verification methods in the system development life cycle;', 'categorise major techniques and approaches to software verification: theorem proving, model checking and model-based testing;', 'develop software specifications and express desirable properties using a formal language/logic such as the Event-B notation and temporal logics.']

ASP2062	An introduction to contemporary astrophysics, with a focus on the range of physical processes which shape the universe and the objects within. Students will study the generation, propagation and absorption of radiation; processes of star and planet formation; celestial mechanics; accretion disks; the sun; interiors of stars and nucleosynthesis; post main sequence evolution; degeneration remnants; the Milky Way; the structure of galaxies; active galaxies; particles and cosmic rays. Laboratory work will include analytic and computer-based exercises, involving research-grade data and numerical codes.	['Apply basic physical and mathematical principles, including dimensional analysis, to gain a quantitative and qualitative understanding of astrophysical processes.', 'Explain how observational data may be exploited to infer the physical properties of cosmic objects.', 'Solve astrophysical problems, and complete a range of problem solving tasks by drawing on physical principles.', 'Use practical skills to computationally model astrophysical systems.', 'Demonstrate a knowledge of stars, planets, and galaxies sufficient to undertake further astrophysics studies at Level 3.']
ATS3779	This unit introduces students to the newly developed field of Cultural Linguistics, a multidisciplinary field of research that examines the complex relationship between language and cultural conceptualisations. It encourages students to examine how language encodes culturally constructed conceptualisations of experience. Recent studies of Cultural Linguistics have revealed that the framework of cultural conceptualisations can be fruitfully applied to areas such as intercultural communication, World Englishes, and Teaching English as an International Language.	['demonstrate a high level of understanding of the relationship between language and cultural conceptualisations;', 'appreciate the diversity of world views and cultural cognitions reflected in different languages and language varieties;', "reflect critically on students' own experiences of communication with people from diverse backgrounds;", "demonstrate a critical understanding of the complexity of the language-culture relationship in today's globalised world."]
MEC4444	Fundamentals of sound and sound propagation, wave equation, Helmholtz equation, absorption, impedance and intensity, silencers. Transmission from one medium to another, applications and optimisation. Transmission through walls, mass law, coincidence and resonance. Sound transmission in the atmosphere, inverse square law, excess attenuation. Radiation of sound, directivity. Sound in enclosed spaces. Noise sources, noise reduction techniques, noise legislation and regulation, acceptable noise levels, hearing conservation, measurement and analysis of noise, design for low noise.	['Calculate basic noise measurement quantities (sound pressure levels, sound power levels and sound intensity level);', 'Model the propagation of sound in a duct and in free-space;', 'Analyse the fundamentals of reactive noise attenuation devices;', 'Explain the concept of transmission loss:', 'Explain the concepts of direct and reverberant noise field in a close-environment;', 'Combine the concepts of noise source, noise path and noise measurement to examine the impact of a given noise source on its environment.']
ATS2323	The unit explores how media are adopted, adapted and made use of in different cultural contexts. Contemporary anthropologists understand sociocultural groups as strategic users of media technologies that contribute to ever more novel tools for political self-representation. Media are conceptualized in a broad sense, including traditional mainstream media, small and alternative media, as well as social media. The unit provides an overview of the history of and theories in media anthropology and the specific contributions it can make to the broader field of media studies. It covers topics such as politics of representation, news, nation-building, religion, conflict, indigeneity and media activism. In this unit, we deconstruct common notions of active media producers and passive media recipients and analyse how media practices influence social and cultural dynamics (and the other way around) and question or redefine established social convention.	['identify and critically engage with anthropology theories and concepts about use of media at every level of society;', 'develop and adapt anthropological approaches and methods to analyse increasing mediatization;', 'explain how culture shapes the adoption and adaption of a broad range of media;', 'recognise and discuss media representations as political interventions and the role of media in political and community advocacy;', 'read, think and respond reflectively and critically to global issues and challenges;', 'utilise developing academic qualitative research skills to locate, link, critically analyse and communicate theory and evidence.']

AZA3453	The unit introduces critical and practical approaches to research in the media and communication industries. It presents a critical overview of the rationale for research in industry and academia. Various traditions of inquiry are explored and applied to typical research studies conducted in communication and the media with specific reference to South Africa and Sub-Saharan Africa. Specific quantitative, and qualitative research methodologies are investigated. Various key ethical and critical research issues are deliberated.	['Understand the uses of quantitative and qualitative research methodologies in academic and industry contexts.', 'Understand the uses of quantitative and qualitative research methodologies in science and non-science environments', 'Understand the nature and use of a theoretical framework in a research project', 'Define and formulate a research project, including hypotheses, research problems and questions, goals, ethical considerations, literature reviews, theoretical frameworks, and data collection, analysis and interpretation methods.', 'Demonstrate sound awareness of ethical principles in research practices.', 'Demonstrate familiarity with specific methodologies, including, for example, ethnography, case study, survey, textual-, thematic-, discourse- audience- and quantitative content analysis', 'Reflect on relationships between local and global frameworks in developing approaches to research.']
OCC1012	Students will learn about the principles and mechanisms underlying the relationship between persons, their environments and occupations; and how it relates to human health and wellbeing. The concept of occupation will be described, and how people shape and are shaped by their engagement in occupation and their environmental context. Students will engage in experiential exercises to support their learning of concepts, including participation in a community-based volunteering experience.	['Describe and explain classifications of human occupation, and how the interaction of person-environment-occupation relates to health and wellbeing.', 'Examine issues relevant to a health professional as well as reflect upon work completed as a team after participation in a community-based volunteering experience.', 'Identify data collection methods, collect and analyse data on the occupational performance of self and others.', 'Locate, retrieve and use resources to identify the relationship between persons, their environments and occupations.', 'Locate, retrieve and use resources relevant to occupational science and identify key issues and concepts for practice.', 'Demonstrate effective presentation skills in written, visual and verbal modes.']
ASP4021	Students undertake studies in three selected topics in Astrophysics and related fields, which provide fundamental instruction in key aspects of modern astrophysics.	['Demonstrate an understanding of fundamental aspects of computational modelling in astrophysics and related disciplines.', 'Develop skills in computational modelling that are fundamental to the study of astrophysics.', 'Synthesise and interpret astrophysical knowledge.', 'Make effective use of information and communication technology for the collection and analysis of data, the solution to problems in astrophysics and the written/oral presentation of work relevant to the area of study.']

DWG2784	Using the premise of the sketchbook, notebook, journal or diary, students are to develop a personal response to the proposition: how to record the overseas location as a unique site. The notions of site-specificity, context, perception and cultural difference in relation to contemporary art practice will be addressed. An informed and developed sensitivity to the documentation of research activity is intended to facilitate the student's major study. While any media may be employed in the analysis of site and context, the documentation of the skills and knowledge acquired should remain two-dimensional.	['Be able to competently explore and design a range of information gathering systems appropriate to the area of interest of their major studio research;', 'Be able to make manifest a record of original perceptions and responses to the overseas location as a unique site;', 'Have a deeper understanding of the significance of site and context for the creation and location of their work;', 'Have a greater appreciation of the specificity of visual, verbal or conceptual languages to a particular culture;', 'Be able to investigate how to articulate original work through an appreciation and incorporation of such newly experienced languages in a way that remains cogent to their major study;', 'Understand and be able to apply the rules of occupational health and safety appropriate to the unit of study.']
MAE4407	This unit introduces avionics instruments used in vehicles ranging from light aircraft, air transport, manned and unmanned space vehicles. Their application, principles of operation, accuracy, advantages, limitations, ground systems and the flight vehicle requirements of avionics equipment. Navigation systems with an emphasis on typical forms of measurements involved, their use to pilots and industry are covered. Steering systems, self contained and radio direction finding systems and components, system interfacing, instrumentation and control are examined. Issues of interference, compatibility, redundancy and operational safety and a brief look at active navigation aids complete the unit.	['Identify the role of avionics instruments, sensors and flight management systems in aerospace vehicles.', 'Describe the principles of avionics navigation and steering systems.', 'Formulate real-time computing algorithms for implementation in avionics navigation systems.', 'Assess the limitations of current air traffic control systems and the need for the development and introduction of new electronic systems to safely cope with increasing air traffic density.', 'Use GPS, INS, DOPPLER and AIR DATA sensor components.', 'Draw on simulation software to gain experience in the use of avionics instrumentation to control and navigate aircraft.']
ACX4000	Introduction to a broad range of research methodology and testing procedures used in accounting research. This unit comprises an analysis of the science of research, an examination of the key elements of research in accounting, general research methodology, data issues, ethical issues, the development of research questions, hypothesis development, and the design and application of a variety of different research methods used in accounting research.	['explain the major steps in the development of a research project in accounting', 'illustrate the key strengths and weaknesses of different accounting research designs and methods', 'design and apply qualitative and quantitative data analysis techniques and interpret the output', 'apply critical thinking, problem solving and presentation skills in individual and/or group activities.']
CIV4286	Need for project management; the project management context; fundamental project management processes and knowledge; tools and techniques for a structured application to project selection and planning including project brief/ideation/concept embodiment decision support tools, numeric profitability and scoring techniques, and EMV/decision tree risk quantification tools; analytical tool application to project scope, time, cost, risk, human resource, OHS and quality issues. Review of company financial management concepts.	['Apply project evaluation techniques including the triple bottom line against the overall business model', 'Identify the elements of the project life cycle, including plan, control, and organize and allocate resources.', 'Evaluate and apply the basic tools and techniques to plan, organize, and manage a project.', 'Identify strategic constraints in managing the scope, time, cost and quality components.', 'Explain the interconnection of quality, risk and contract management.', 'Discuss professional responsibility, occupational health & safety and ethical conduct.']

SWK2001	This unit introduces students to the core aims, functions, and programs of the Australian welfare state, and the key role that social policy plays in human services practice.	['Define the core aims, functions and programs of the Australian welfare state;', 'Analyse the diverse roles that a variety of human service workers play in the welfare state;', 'Distinguish the differing values and philosophies that influence social policies in a range of practice areas;', 'Identify and evaluate the specific impact of the welfare state on some of our most disadvantaged groups.', 'Identify and synthesise the impact of social and economic structures on welfare service users;', 'Contrast and compare the different registration requirements and ethical mandates of professions within the welfare state.']
MGF5722	This unit will provide students with insights into the role of emerging economies in a globalising world. Using a political economy approach, the unit will provide a comparative perspective on Brazil, Russia, China, India and South Africa also known as the BRICS. Over the past ten years the geo-political and economic importance of the BRICS has been increasing. While they have been advocating for a stronger voice in major international institutions such as the WTO, the World Bank and the IMF, the BRICS do not have a common identity and their influence and power at the global level is uneven. This unit covers the history of the BRICS as well as the political, economic, security and foreign policy trends in these countries. It provides different perspectives on the power of the BRICS in an international context and focuses on the challenges they face. Particular attention is given to the thematic areas of international trade, international finance, the environment, global health and food security.	['explain the different theoretical perspectives on the rise of the BRICS', 'explain the history of the BRICS covering domestic and foreign policy perspectives', 'critically evaluate the influence of the BRICS in a globalising world.']
ACS1002	This unit will cover various aspects of financial accounting and builds on the principles introduced in AFS1000/AFW1000/ACW1000. Aspects associated with transaction reporting and the preparation of financial statements investigated include: the recording of inventory in a retail context, the use of control accounts, the role of specialised journals, a range of balance day-adjustments, reversing entries and account reconstruction. The unit also focuses on internal control procedures. The definition, recognition and disclosure criteria of financial statement elements are explored, as well as the cost and fair value measurement of various financial statement elements.	['account for the recording and reporting of inventory, applying the periodic and perpetual method as per issues raised in AASB 102/IAS 102. Prepare and complete balance day adjustments, closing entries and internal control systems to allow all final statements and bank reconciliations to be completed', 'apply the principles of double entry according to the reconstruction of accounts', 'demonstrate how the regulatory environment effects accounting statements in the context of a range of organisational forms', 'apply the definition and recognition criteria for elements of financial statements as per the Framework and specific international financial reporting standards, and consider accounting and accountability issues that arise from different measurement methods', 'apply critical thinking, problem solving and presentation skills to individual and/or group activities dealing with financial accounting and demonstrate in an individual summative assessment task the acquisition of a comprehensive understanding of the topics covered by ACS1002.']

MDC5310	This unit aims to consolidate learning from previous studio units in the Interaction Design specialisation sequence and completes the technical, cognitive and creative skills required to design for industry. Students will be designing interactive artefacts, systems or services based on equivalent industry projects; or working on actual industry problems. They will be exposed to specific and relevant industry and/or social issues; and required to produce innovative solutions that weave together technology, place and product and user.	['Research and integrate comprehensive Tangible Interaction Design concepts, theories and design approaches to design interactive artefacts, systems or services;', 'Utilise contextual diagrams and interfaces as core components in a design outcome with consideration of the projects industrial or societal context;', 'Apply research, communication and advanced technical skills to plan and manage comprehensive interaction design solutions from initial concept to final resolution;', 'Communicate ideas and concepts in order to critically justify designs through a process of observation, reflection, analysis, selection, interpretation and expression;', 'Critically analyse and evaluate the rationale for integrating interactive technologies in a design solution;', 'Observe and employ occupational health and safety appropriate to studio practice.']
AZA4310	The United Nations Convention on the Rights of the Child (UNCRC) rests on four pillars: survival rights, development rights, protection rights and participation rights. These pillars are used in this unit as they provide an appropriate policy and legislative framework for children and youth at risk and articulate the notion of children's rights. Inter-sectoral integration, the establishment of minimum standards of care, adjustments to legislation and programmatic responses are incorporated in this movement. Students will gain an understanding of the impact legislation has in the child rights' area locally and abroad through the application of case studies. The unit will cover the process of policy development and evaluation and will explore the skills related to the managerial responsibility of supervision. The aim of the unit is to prepare the child and youth care worker for the more strategic macro level responsibility of ensuring that services to children and youth are aligned with policy and legislation through procedural knowledge and supervision skills.	['Evaluate and design policies with the policy development process.', 'Identify and explain policy principles', 'Explore current legislative and policy frameworks that guide child and youth development services in South Africa', 'Provide an overview of international legislation that impacts on service to children and youth', 'Describe the rights of young people and promote these in practice', 'Integrate the role of advocate into the professional repertoire.', 'Demonstrate basic knowledge of grants and how to access them', 'Explain the skills underlying supervision and leadership']
LAW4126	This unit is designed to examine contemporary issues in the Asian legal systems. It will examine the Asian perspectives on the rule of law, the court reform, constitutionalism, security and human rights, legal pluralism, corruption and the issue of law and development. Students in this subject will gain a comparative overview of the legal systems of Indonesia, Malaysia and Singapore, with reference to other Asian countries as appropriate.	['demonstrated an advanced knowledge of the main and current issues of the Asian legal systems;', 'identified and articulated complex legal issues in which economic, political, cultural and ethical values shape the development of law in Asia;', 'articulated and critically compared aspects of Asian law and legal institutions with Australian counterparts;', 'recognised and reflected on how Australian lawyers might adapt when dealing with Asian legal institutions and legal professionals.']
ATS1261	The unit introduces students to cognitive-behavioural, psychodynamic and social understandings of human behaviour. This multi-disciplinary orientation, including studies of the human mind, consciousness, emotion, and normal and abnormal behaviours, provides students with a broad and detailed introduction to understanding human behaviour.	['an appropriate level of understanding of a range of theoretical orientations to human behaviour', 'the ability to discriminate between evidence, interpretation, opinion and fact in evaluating these theories and concepts', 'an ability to communicate, orally and in a written form, their understanding of these theories and concepts.']

ATS2961	The unit surveys a broad spectrum of political thinkers and explores their ideas and the historical contexts in which these ideas emerge. It aims to give students an understanding of key concepts and arguments in political philosophy concerning order and disorder, power and authority, tradition and change. The thinkers studied, Socrates, Plato, Machiavelli, Hobbes, Locke, Burke, and Marx, are discussed with reference to both the contexts in which they lived and the significance of their ideas both within and beyond those contexts. Learning activities will include lectures, large and small group discussions, short (500 word) and longer (2000 word) written exercises.	['Describe and compare ideas from different strands of political thought.', 'Recognise and evaluate the role of cultural and social contexts in the formulation of political ideas.', 'Critically discuss political theories concerning nature and reason, power and morality, tradition and revolution.', 'Effectively research the signification and significance of terms, ideas and arguments in political theory.', 'Communicate perceptively the key ideas, arguments and contexts of political theories.', 'Explain explicit or implicit ethical values and assumption/s in various political theories.']
MGS5966	This unit looks at management implications of major internationalisation theories; the planning requirements in going international and management issues that arise in an international setting.	['define the concept of international business from a multi-disciplinary perspective', 'explain the diversity and complexity of the international business environment', 'provide a historical overview of the evolution of the international business phenomenon', 'discuss the economics and politics of international business transactions', 'analyse the concept of globalisation and its impact on businesses worldwide', 'describe the firm internationalisation process', 'examine the economic, social and political implications of multinational corporate activities', 'extend awareness of global issues based on current affairs and their implications for international business.']
ATS3346	The unit examines aspects of Roman political, social, and cultural history from the crucial period of transition from Republic to Empire (ca. 59 BCE to 138 CE). It focuses on a number of powerful individuals, especially Julius Caesar and the emperors Augustus, Claudius, Nero, and Hadrian, as well as the court that grew up around them-rivals, wives, freed slaves, bodyguards, and the sometimes resentful members of the Roman elite. Themes include the nature of the Roman political system and the role of the emperor, the literature and material culture of the imperial state, the rise to power of the Praetorian Guard and imperial freedmen, and the realities of Roman rule in the provinces of the empire. We take as case studies the Roman provinces of Britannia and Judea, examining the events and context of the bloody revolts against Roman power-Boudicca's revolt in Britannia and the Revolt of 66 and Bar Kokhba's Revolt in Judea-and their effects on provincial life and imperial Rome.	['identify and understand the Roman political ideas of government and the manner in which these were used and manipulated by those seeking power;', 'describe the political, social, and cultural history of Roman during the period covered;', 'examine the evidence relating to the role of the emperor and how the manner and impact of the imperial position was shaped by the individual personality of the incumbent, and the response from across the Roman social spectrum, from aristocrats to rural poor, freed slaves, and provincial subjects;', 'evaluate cultural, political, military, religious, and archaeological aspects of life in the imperial provinces, especially in Britannia and Judea;', 'analyse and approach critically the variety of ancient (documentary, archaeological, and literary) and modern sources, in particular through the development of skills in source criticism;', 'collaborate and defend interpretations and arguments concerning the Roman Empire through group tutorial presentations and individual research.']

EAE2011	Environmental problem solving and visualisation will provide the students with the ability to solve a wide-ranging set of common problems in environmental and climate science. Through practical problem solving it will introduce methods and techniques used in environmental and climate science to collect and analyse data, to build quantitative models and to visualise key results. The unit will discuss a number of environmental and climate science problem-based topics involving observing and modelling the earth. Simple techniques and methods from the fields of mathematics, physics and information technology will be introduced successively in the context of real-world problems and will enable students to apply these necessary skills in the higher level units in the Earth science major streams of Earth's physical environment and Earth's climate.	['Understand the basic methods for data analysis and scientific modelling of environmental and climate science.', 'Make statistical analysis of environmental and climate data sets with numerical methods and visualise their results using common tools, such as GIS or MATLAB.', 'Analyse simple models in terms of sensitivities, quantitative and qualitative relationships.', 'Build simple quantitative models based theoretical knowledge or statistical data analysis.', 'Communicate clearly the key concepts covered in the unit, both verbally and in written form.']
MKB2600	Tourism marketing provides students with a broad understanding of how key marketing concepts and theories can be applied to the tourism sector.	['explain the importance of marketing for the tourism sector', 'identify the marketing methods employed by the tourism sector', 'apply marketing concepts and theories to the tourism sector', 'analyse different marketing strategies within the tourism sector.']
AZA3259	The unit introduces GIS (Geographical Information Systems) and discusses basic principles, techniques and applications of GIS in the field of geography and environmental science. It examines and reviews specific applications where GIS is a useful tool. Subjects covered include basics of GIS, spatial data sources, spatial data quality, spatial data analysis and decision support systems. It also includes the basic principles of remote sensing and the use of satellite imagery. Cases studies and hands-on practices allow students to gain experience in the use of GIS.	['Demonstrate the utility of digital spatial data handling for mapping and analysis from digital data, referring to themes in environmental science;', 'Demonstrate a clear understanding of the key concepts concerning the application of GIS to environmental problems', 'Explain how value can be added to the data in any information management system with geocodes, by implementing digital spatial data analysis;', 'Be able to assess the nature of digital spatial data, offer tests for validation and descriptions of the relative value of data sets compared with (raw) data supplied by custodians;', 'Demonstrate a high level of skills in the use of GIS software (Quantum GIS, Ilwis, ArcGIS) to solve environmental problems;', 'Develop your own environmental applications of GIS ;', 'Explain how digital spatial data handling is different from other digital data handling challenges, and how the theory on which it is based is central to spatial data handling for environmental science.']
ATS2247	The unit develops Italian cultural knowledge and language proficiency through a focus on Italian historical and contemporary society. Passages from seminal Italian literary texts as well as other media are used to understand and critically analyse Italian society and its transformation in the last century.	['acquire an understanding of historical and cultural developments of contemporary Italy;', 'analyse complex issues in Italian society and culture;', 'critically read, assess, and articulate an informed position regarding Italian cultural and historical texts;', 'consolidate and expand their knowledge of grammatical concepts, vocabulary and written and spoken styles in Italian;', 'use an expanded vocabulary and grammatical knowledge set to listen to, speak/write and read a range of Italian styles.']

IMM3802	This unit aims to introduce students to some fundamental aspects of immunology. It reviews the normal immune response to foreign antigens and how it provides defence against microorganisms, and also the pathogenesis and diagnosis of disorders associated with an excessive, defective or unwarranted immune response. Disorders discussed include autoimmune diseases, allergies, immunodeficiency states, leukaemia/ lymphoma and transplants. Students will also be introduced to the practical aspects of laboratory immunology. Techniques used in clinical and research immunology laboratories will be presented during practical classes.	['Describe the normal function, regulation and anatomy of the immune system and how it provides defence against microorganisms;', 'Demonstrate an understanding of pathogenesis of disorders of the immune system and strategies for immunosuppression and immunopotentiation to correct these disorders;', 'Apply principles of immunological techniques used in diagnostic and research laboratories;', 'Demonstrate advanced scientific report writing and team work skills.']
CHE4171	Quantitative and analytical skills required for biochemical and bioprocess engineering will be covered. The relationships between chemical engineering principles and approaches and biology will be explored. Knowledge about the operational considerations for suspended cultures, immobilised cultures, bioreactors, scaling, process selection, and operation of bioprocess unit operations will be discussed and worked on through calculations.	['Apply principles of fluid flow, mixing, heat transfer and mass transfer to analyse bioreactors', 'Assess the performance of bioreactors and troubleshoot operational problems', 'Solve engineering problems related to the design and operation of bioreactors and bioprocesses', 'Apply principles of biochemical engineering to analyse and assess special topics such as synthetic biology, animal and plant cell culture, and tissue engineering', 'Solve technical and practical issues in commercial bioprocessing']
CIV5318	This unit covers both traffic engineering and management along with the growing role which advanced technology is playing in the management of traffic and transportation systems. The unit develops students' understanding of the principles and practice of traffic management and the application of advanced technology in transport. The emphasis is on the role of the traffic manager in providing the road and traffic network for road based vehicles along with the planning and design considerations for different road users. The fundamentals of human factors and road network design are considered. Emphasis is placed on the need to forecast traffic impacts at sites and on the road network. The application of advanced technology to the surface transport system, known as Intelligent Transport Systems (ITS), is considered in detail. This unit introduces students to the field of ITS, examines component technologies and explores how those component technologies are brought together in applications or products.	['explain the role of the road system and the associated role of advanced technology or intelligent transport systems (ITS), in providing mobility and accessibility for the community', 'consider the needs of different road users (pedestrians and bicyclists, private motor vehicles, trucks and road-based public transport vehicles) and their interactions in the road system', 'design a traffic and road network heirarchy and the associated parking system to cater to the needs of different road users', 'differentiate the functional areas of ITS, the associated ITS applications in those functional areas and the component technologies which underlie those applications', 'appraise the technology building blocks employed by ITS and evaluate the ITS applications developed from them', 'critique information on ITS obtained from the world wide web', 'judge the need to manage the road system and critique the role of advanced technology in addressing broader transportation issues and challenges', 'demonstrate sound written and oral communication skills']

PAR5220	This unit will explore the specific modifications to clinical practice required when adapting to the aeromedical environment. Unit content will address the effects of altitude on susceptible medical, surgical and traumatic conditions and will emphasise the importance of appropriate in-flight equipment commonly used for patient monitoring and ventilatory and circulatory support.	['Predict the specific effects of altitude on susceptible medical, surgical and traumatic conditions;', 'Generate pharmacotherapeutic and fluid administration plans to manage common conditions requiring aeromedical transport, demonstrating effective forward planning to manage potential complications that may arise;', 'Formulate holistic patient care plans appropriate to the professional practice level of the student;', 'Devise clinical management strategies which will predict and prevent potential aeromedical problems which affect safe and efficient patient transport;', 'Demonstrate a working knowledge of medical equipment utilised in the care of patients during flight; and', 'Evaluate the pivotal role of teamwork within the aeromedical retrieval environment']
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.']
ATS3042	This unit is designed for students with advanced Chinese reading and writing skills to conduct a project-based study the Chinese-language media. It introduces students to a discipline-based study of Chinese media, focusing on the history of Chinese media, and representations of cultural, economic and political issues in the contemporary Chinese media. The unit will cover Chinese-language media in mainland China and internationally. The unit will consist of two-hour biweekly workshops and two-hour weekly seminars. Students will survey and analyse a wide range of news reports, commentaries and other types of publication appearing in major Chinese language media sources, online or offline, guided by the arguments, concepts and methods employed in the field of Chinese media studies. By introducing students to a wide range of scholarly materials about the Chinese media, this unit also aims to strengthen their academic writing skills.	['Through daily surveys of news reports from major Chinese online and offline media, students are expected to keep in touch with the latest developments in world affairs and to improve their understanding of the social, political, cultural and economic contexts against which media terms and expressions are used in the Chinese-speaking world.', 'By weekly readings in Chinese media studies and surveys of Chinese media content, students are expected to develop skills of analysis and critical thinking.', 'Guided by appropriate theoretical frameworks and methods, students will acquire basic research skills and techniques to apply to their reading and understanding of Chinese media content.']

ATS2861	Are there successful arguments for or against the existence of God? We start by examining what it takes for an argument to be successful. We then examine some of the best known arguments for the existence of God--Anselm's ontological argument, Aquinas' second way, Paley's argument for design, Pascal's wager--and some of the best known arguments against the existence of God--Mackie's and Rowe's arguments from evil--and try to determine whether or not they succeed.	['been introduced to an analytic philosophical approach to philosophy of religion;', 'become familiar with key arguments for and against existence of God;', 'thought about how to assess arguments in a context in which there are competing theistic and naturalistic worldviews.\n\nStudents will also have been exposed to some central philosophical texts, and to arguments that have been influential for many hundreds of years.']
AZA1286	The purpose of the Child and Youth Care Profession is to promote and facilitate the optimum development of children and adolescents with both normal and special developmental needs, ensuring that they are able to be effective within all the contexts in which they function. Activities the redress developmental delays are given. A five-level developmental model is presented and cultural socialisation and peer group dynamics as developmental influences are explored. The inter-dependence of different childcare occupations is also studied.	['factual information', 'sources and resources', 'conceptual definitions', 'academic debates', 'analytic communication skills.\n\nUpon successful completion of this unit, learners will be able to demonstrate knowledge of and familiarity with the following types of information, academic perspectives and skills:\n\nA good understanding of the five developmental levels on which to assess developmental progress or delay\nApply knowledge of activities and exercises to redress developmental delay and optimise healthy development\nUnderstand the necessity and nature of play\nDemonstrate an understanding of the process of socialisation and peer group influence\nEvaluate basic signs for school readiness and identify early signs of learning problems\n', 'A good understanding of the five developmental levels on which to assess developmental progress or delay', 'Apply knowledge of activities and exercises to redress developmental delay and optimise healthy development', 'Understand the necessity and nature of play', 'Demonstrate an understanding of the process of socialisation and peer group influence', 'Evaluate basic signs for school readiness and identify early signs of learning problems']
IAR3117	This unit builds on skills developed in previous studios and applies these to a range of focused projects that extend and explore transformational practices in interior architecture. In this studio successful project outcomes will be of an intermediate level of complexity. They will provide an opportunity to integrate learning across the course with the development of responsive design practices. A number of focused studio projects will be offered.	['Respond creatively to design briefs of intermediate complexity;', 'Investigate relevant concepts and precedents in design discourse and incorporate these into design proposals;', 'Demonstrate the resolution of competing needs during the development of a design proposal;', 'Apply design strategies with increasing awareness and independence;', 'Explore and communicate design schemes through appropriate modes of representation;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']

PSY5201	Psychopathology Part I and II are designed to impart students with a working knowledge of mental disorders. The units also aim to equip students with the clinical skills required to assess, formulate and diagnose clients presenting with a variety of clinical conditions. In addition, the unit will include an introduction to drug classifications; legal control of drug use; pharmacokinetics; variability in response to drugs;chemical transmission and receptors.	['Conduct a psychiatric interview with a client; incorporating a mental status examination;', 'Complete a thorough and accurate written evaluation of a client; and', 'Be familiar with major classes of psychiatric illness.', 'Understand the basic concepts of psychopharmacology with particular reference to recent advances in the fields of psychiatric medication, cognitive enhancers and neuroprotective agents, and substance abuse; and', "Effectively and appropriately contribute to case analyses regarding formulation and diagnoses and reflect upon and evaluate own and others' assessment/clinical interviewing skills"]
BEX5110	NA	['NA']
APG5101	Understanding public policy is a vital skill in any contemporary organisation. The unit introduces students to the basic principles of how public policy is made, how it emerges from competing interests and debates, and how stakeholders inside and outside government participate in this process. Lessons are drawn from practice in international experience.	['analyse the core concepts and theories that help explain how public policy is made;', 'evaluate the role of government institutions and other stakeholders in the processes in policy making;', 'critically assess how policy makers contribute to the development of policies, make decisions and choose strategies to implement policy decisions;', 'apply knowledge and skills to a public policy research project.']
BFF5300	This unit is intended to consolidate and apply the technical learning achieved in the core units of the Master of Applied Finance, to attain real industry experiences. This will be achieved by using a selection of targeted case studies that highlight the issues likely to be encountered in industry.	['develop the ability to identify problems, to synthesise, analyse, and summarise quantitative and qualitative information', 'evaluate and weigh evidence, arguments and ethics', 'apply specialist skills and knowledge to global business issues and to work out solutions to practitioner issues', 'develop capabilities to work effectively in a group', 'demonstrate effective individual research skills to produce professional quality business documents to address financial issues.']
BEX5002	This unit is designed to provide students with the opportunity to put theory into practice in a business environment.	['develop a deeper understanding of the difference between theory and practice', 'apply theory and ethical values to practice in a supervised environment', 'evaluate personal learning and personal development in a complex business environment', 'apply research skills and provide innovative solutions to complex business problems', 'communicate effectively and perceptively in a business environment.']
EAE3511	Geology is essentially a forensic science, and every geologist needs to know the vital clues to look for in rocks in order to work out how the earth evolved. The unit will:	['Identify and classify small to large scale structures and interpret their significance.', 'Apply concepts of geometric and kinematic structural analysis.', 'Identify deformational behaviour of major rock forming minerals at different conditions.', 'Develop a sound understanding of analysis and documentation of three-dimensional structures in the field.', 'Combine scientific data to understand the relationship between tectonic settings and deformation.']

RTP4102	This unit is a foundation unit of the Master of Advanced Radiation Therapy practice. The unit is designed to build on the undergraduate knowledge of psychology and reflective practice. This unit will consist of two key themes, psychological responses to cancer diagnosis and treatment and reflective practice. In Theme 1 students will gain in-depth knowledge on the psychological theories relating to responses to cancer diagnosis, the effects of treatment, grief and death and dying. Students will be able to analyse and describe the cause, nature, presentation and course of psychological responses in people with cancer. Coping mechanisms will be evaluated for cancer patients along the life continuum. In Theme 2, the principles of reflective practice and how these are applied to radiation therapy practice will be studied. In addition, students will also evaluate the role of professional portfolios in documenting reflections and their value to evidencing continuing professional development.	['Describe in detail the cause and nature of psychological/psychiatric problems in cancer patients.', 'Analyse the presentation and course of psychological/psychiatric problems in people with cancer, reflecting on clinical practice.', 'Evaluate coping mechanisms and adjustment disorders in radiation oncology patients.', 'Critically analyse the theories of reflection and apply these in reflecting on practice.', 'Appraise the role of reflective practice in enhancing patient care in radiation therapy.', 'Demonstrate the role of reflective practice in a professional portfolio.']
ATS3818	Through both the study of the music and musical thought of drumming traditions of West Africa and especially Ghana, this unit explores the complex rhythmic practices of the traditional drumming ensembles in the region. Knowledge of these traditions is primarily based on practical instruction supported by directed readings, lectures and class discussion.	['Comprehend and articulate the connection between culture and musical practice in West African drumming traditions.', 'Develop and enhance individual practical skills in rhythm.', 'Develop an appreciation and critical understanding of complex rhythmic interaction in ensemble playing transferrable to a range of musical contexts.']
ATS1001	This unit provides an introduction to spoken and written modern standard Chinese to students with no prior knowledge of Mandarin. An overview of the important sentence structures of modern standard Chinese is begun with equal emphasis on the four skills of reading, writing, listening and speaking. Students will also be	['The ability to read around 250 Chinese characters and identify important associated radicals.', 'The ability to write around 250 Chinese characters in simple composition.', 'The ability to use oral/aural skills necessary for communication in a small number of everyday practical situations (approximates to Common European Framework of Reference for Languages A1).', 'The ability to use the pinyin Romanisation system.', 'A basic critical understanding of Chinese culture and customs as they relate to daily life.']

ATS3066	This unit develops language skills and cultural competence. The Language and Culture component of this unit aims to develop students' comprehension skills and capacity to express ideas in both oral and written French, through a range of class activities, both spoken and written. Students practise and develop their language skills in an area of French studies, developing competence in the theory, research methodology and practices, and discourses involved in critical enquiry, understanding and analysis in the discipline area.	['Express themselves, both orally and in writing, correctly, fluently and appropriately, on a wide range of topics and in different contexts including situations in which instructions are given or requested, events are retold and chronological information provided, or refused, discourse is reported, described or commented upon, proposals are made and accepted or rejected, discourse has to be structured logically and hypotheses formulated, logical arguments are conveyed, accepted or refuted, information is processed, ideas presented or reported orally, and ideas are presented or reported in writing;', 'Understand and demonstrate understanding of written, audio and video documents;', 'Demonstrate explicit competence in French grammar in the areas reviewed;', 'Demonstrate competence in the use of language reference material;', 'Demonstrate autonomous learning strategies;', 'Demonstrate a greater critical knowledge and understanding of modern France and its culture;', 'Demonstrate competence in the theory, basic research methodology and practices, and discourses involved in critical enquiry, understanding and analysis in an area of French studies;', 'Demonstrate individual and cooperative research skills.']
EAE5011	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 EAE4000, 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 research in Earth Science.', '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.', 'Advance our understanding of an existing 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 seminar.', 'Defend the results of the original research in an oral exam.']
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.']

FIT9130	This unit introduces students to the key principles which underlie the analysis and design of information systems to support business and other organisational undertakings. It covers design and design thinking, requirements elicitation, consulting skills and conceptual and logical systems modelling.	['select and use conceptual and logical modelling techniques to design an information system;', 'select and use techniques to elicit requirements for an information system design;', 'select and use approaches to the systems development lifecycle including the waterfall model and modern alternatives;', 'assess and discuss the capabilities and limitations of an information system;', 'communicate the requirements for the business functionality of an information system in terms of data required, data storage and processing to technical and non-technical stakeholders.']
ATS3918	This unit involves a program or project in collaboration with an international organisation, carried out in-country overseas. Students will apply to participate in an approved project and will require the approval of the unit coordinator to enrol. Students may be eligible for financial support for overseas study via Monash Abroad.	['Advanced professional experience in international journalistic collaboration through either an approved program of study or a project;', 'Ability to analyse and reflect on international journalism professional practice;', 'Ability to apply the principles and practice of journalism that they have learnt in their undergraduate studies in an international context;', 'Skills in cross-cultural communication and collaboration;', 'Evidence of a portfolio of experiences and publications gained during placement;', 'Competence in meeting the demands of an international professional program or project and being able to reflect critically on those demands.']
LAW4189	The growth of international criminal jurisdiction and the continual improvement in opportunities for legal cultures to interact with one another have led to a much greater interest, both practical and theoretical, in comparative criminal law over the last decade or so. Even within Australia, the creation of a federal Criminal Code has allowed for an even more extensive use of the possibilities inherent in federalism for comparative criminal law within the one country.	['possess a more sophisticated understanding of the conditions under which individuals should be held morally and legally responsible for their (criminal) actions', 'have an appreciation of whether or not there may be any "fundamental principles" which underlie all criminal justice systems', 'have an understanding of the uses and abuses of comparative criminal law', 'understand the merits or otherwise of codification in both the common law and the civil law', 'understand the basic characteristics of criminal procedure under the inquisitorial and adversarial systems', 'understand the essential features of the substantive law relating to homicide in Australia and other legal systems', 'understand in greater depth the role of intention in the criminal law and the various difficulties involved in defining it', 'be able to understand the arguments for and against criminalising omissions in general and creating an offence of failure to rescue in particular', 'have a comparative appreciation of the major characteristics of the substantive law relating to sexual offences', 'understand the arguments for and against the abolition of the right to silence and the creation of retrospective criminal offences', 'possess an enhanced understanding of the options available in sentencing.']

DIS1911	This unit introduces students to the methods and processes involved in creating 3D elements, objects and spaces using a computer software. The key areas of modelling, lighting and rendering will be examined, and various modes of output demonstrated. Different applications of CGI (computer generated imagery), such as motion graphics, character animation and virtual environments are discussed. 3D models will be used to generate simple animation.	['Have an understanding of the principles of designing objects and spaces in three dimensions and their translation into computer-based design methodologies;', 'Be able to use 3D imaging software to create environments and objects;', 'Be able to apply surface qualities, lighting, textures, and imported graphic files to elements in a three dimensional composition;', 'Explore the range of options and controls available through 3D imaging and modelling software applications;', 'Understand and manipulate camera properties and viewer perspectives;', 'Recognise the various applications of 3D design and visualisation across multimedia, interior architecture and industrial design practices.']
NUR5003	This unit builds upon NUR5002 Contemporary Nursing Practice 2.	['Analyse the concepts of mental health and mental illness with reference to historical and contemporary classification systems.', 'Explain the implications of the Victorian Mental Health Act (2014) for nursing practice in line with recovery oriented practice.', 'Communicate effectively with people who are experiencing disturbances of thoughts, feelings and behaviour and accurately conduct a mental status assessment and a risk assessment to help inform patient care.', 'Critically analyse the roles and functions of the members of the multidisciplinary mental health team and how the roles work to ensure patients are treated appropriately.', 'Evaluate a range of mental disorders in the context of aetiological factors, epidemiology, and clinical manifestations and recommend appropriate mental health nursing care.', 'Compare and contrast a range of psychotherapeutic interventions and therapeutic modalities utilised in mental health treatment and care.', 'Explore the impact of ageing and chronic and life-limiting illness on clients, families and carers including the perspectives of challenges to autonomy, protection of patients, and quality of life in order to provide optimal, holistic nursing care.', 'Discriminate between health assessment, health promotion, supportive and palliative approaches for people with chronic and life limiting illness to provide appropriate evidence based nursing interventions.', 'Critically examine how the different roles of members in interprofessional teams, work together to provide expert care for people with chronic and/or life limiting illness in different health care environments.', 'Practice at a beginning level in mental health and community health settings in accordance with NMBA Registered Nurse standards for practice and other professional standards']

AZA2012	The purpose of the unit is to provide comparative analysis of different political regimes/systems, particularly among countries of the Global South. Comparative politics will be used to address such puzzles as varying degrees of democracy, political and social conflict, and wealth, and to inform debates about political reform for countries in transition to democracy. The unit will draw comparisons between countries that help us to understand differences between countries, political institutions and economic development.	['be familiar with important concepts, ideas, and analytical tools used to understand the structures and processes of different types of political systems in the developing world and particularly in Africa;', 'understand the nature of different regime types;', 'be knowledgeable on the similarities and differences among various government systems, including parliamentary and presidential systems in different African countries;', 'compare governments in Africa to the South African government;', 'identify, describe and analyse different processes of development at all levels of society;', 'successfully undertake a variety of research and written tasks;', 'demonstrate improved oral and written communication skills in relation to the analysis and explanation of ideas and the development of an argument.']
NUT5001	This unit uses chronic disease as the foundations and basis for dietetic students to develop their core dietetic practice assessment, counselling and management skills. There is an emphasis on person centred care and simulation provides a key platform for learning in this unit. A formative Objective Structured Clinical Examination (OSCE) sits within this unit to assist students' readiness for placement. Students are introduced to the healthcare system and a range of health care settings via an introductory clinical placement. This aims to commence the application of the nutrition care process, the use of food as a therapeutic tool, clinical reasoning, reflection and advanced communication and interpersonal skills required for dietetic practice. Attendance at this placement is compulsory. This unit supports students' progression towards entry level competencies in individual case management in the healthcare setting. Placement may take place outside of regular semester times. Students must have valid police check, WWC check and immunisation certificates in order to participate in clinical placements	['Apply and integrate knowledge of chronic disease into nutrition assessment and management plans using case based learning, simulation and placement experience in the healthcare environment.', 'Employ core dietetic practice skills - including interpretation of data, collection and analysis of dietary data, nutrition assessment, communication and intervention strategies to formulate and evaluate the elements of effective client centred nutrition care planning and delivery.', 'Apply knowledge and experience in a healthcare setting to begin practicing safely and professionally both autonomously and as part of the health care team.', 'Integrate a comprehensive knowledge of food diversity and food composition into dietetic practice.', 'Incorporate nutrition counselling theory and a range of communication strategies in developing practical, relevant and targeted nutrition interventions for various audiences.', 'Utilise reflection, professional and personal communication and teamwork skills to assist in critical thinking and problem solving skills.', 'Synthesise and communicate to peers key findings from the scientific literature and their relevance and application to nutrition and dietetic practice']

CIV5322	This unit is designed to lay important foundations of urban public transportation planning and management knowledge. It covers public transportation planning from a range of perspectives including policy, demand/markets and supply/operations and infrastructure. Policy analysis is designed to provide an understanding of the strategic, institutional and political context within which public transportation services are provided. This is to illustrate the diverse and often conflicting objectives which drive the development and planning of services. Demand/market analysis aims to introduce students to the range of markets and market drivers which influence the use of public transportation services. Supply/operations and infrastructure analysis provides an overview of the types of services which are provided and the operational, engineering and technology issues which govern their effective deployment.	['critique the framework within which public transportation planning and management is conducted and the foundations of public transportation policy.', 'distinguish the nature and trends of urban public transportation markets, and the sensitivity of these markets to both external influences and public transportation service changes.', 'compare the performance, impacts and costs of various public transportation systems, services and modes and consider the factors influencing improvements to these systems.', 'design and critique demand and operational analyses in public transportation.', 'assess contemporary issues in public transportation through consideration of different policy perspectives.', 'demonstrate effective written and oral communications skills.']
ATS1190	The unit builds on the learning begun in ATS1189. Students continue their study of 20th Century actor training, and develop their learning of vocal and physical techniques for character building and theatrical embodiment.	['a strong kinaesthetic approach to centering the body, and to centering the voice and breath in the body through practice and theoretical understanding*', 'practical skills in opening up the vocal mechanism to the free flow of sound,', 'a theoretical understanding of the histories and theories of actor training*', 'an understanding applied theatre in theory and application', 'a deep engagement with the connection of voice to meaning in working with text', 'creative and critical reflection upon and articulation of body-based skills and strategies in performance*']
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.']

ATS3972	This unit examines the ways in which Spain and Latin America have represented each other, and the 'singular cultural space' of Ibero-America, at critical junctures during the twentieth century. Through a range of sources produced on both sides of the Atlantic, including works of fiction, critical essays, travel narratives, journalism and film, the unit reflects on the supranational contexts in which (trans)national identities are negotiated and defined. Students explore such critical issues as notions of nationhood and 'race,' cosmopolitanism, immigration and exile, gender and subjectivity, and the confrontation of modernity with tradition. As a point of departure, students are introduced to the idea of Hispanidad and the ideology of Hispanoamericanism as a means by which Spain sought its national regeneration by proclaiming the shared spirit, language and culture that allegedly unites Spain and its former colonies. One of the recurring themes explored are the various responses to this idea of Ibero-America as a homogenous cultural space. Students will reassess critically the nature of post-imperial Spain and post-colonial Latin America from the aftermath of Spain's loss of empire in 1898 to the rapid increase in Latin American immigration to Spain at the end of the twentieth century.	['Analyse critically a variety of literary and visual texts and to evaluate and formulate coherent, sophisticated arguments, both written and oral.', 'Communicate effectively their ideas during in-class discussions based on thoughtful reflection on the issues.', 'Enhance their skills in the presentation of written and oral arguments in Spanish.', 'Demonstrate a critical understanding of current theoretical approaches to literary analysis in Hispanic Studies, as well as comprehend the relationship between travel, either real or imagined, and ideologies of power and representation.', 'Demonstrate a critical understanding of issues of national and transnational identity formation and negotiation during the twentieth century in Spain, Latin America, and the imagined space of Ibero-America.', 'Deepen their knowledge of contemporary Spanish and Latin American society, history, politics and culture.', 'Contextualise specific moments of transnational movements and migrations within the Spanish-speaking world at various points during the twentieth century and explain the motives for, and impact of, contact with the other.', 'Improve their reading skills in Spanish in terms of their understanding of different discourses adopted in literary fiction, criticism, theory and film.']
NUT3004	Nutrition controversies will focus on developing student's fundamental scientific knowledge and critical reasoning skills in the area of nutritional science. Building from earlier units that taught principles relating to evaluation of evidence and advanced research methodologies combined with a solid background in physiology, immunology and biochemistry this unit will link diet and disease outcomes using available evidence.	['Detail the scientific background and current consensus of opinion in a selected area of controversial research in human nutrition.', 'Identify the major sources of nutritional literature in a systemic way in order to collect information in a selected topic.', 'Critically evaluate scientific evidence underpinning a selected area of research in human nutrition.', 'Discuss scientific literature and draw reasoned conclusions.', 'Formulate an opinion based on a critical review of the existing evidence for a specific topic in topics related to human nutrition.', 'Engage in critical discussions on the nutritional controversies assigned.', 'Competently communicate scientific knowledge and understanding in oral and written formats.']
PAR1022	This unit uses the framework of human development to examine health throughout the lifespan.	['Describe physical, cognitive, and psychosocial milestones of human development throughout the lifespan, applying contemporary theories of development.', 'Describe the biological basis, epidemiology, pathophysiology and course of disease for common acute and chronic health issues that occur across the lifespan.', 'Identify the individual, social and cultural factors contributing to selected human disease health and development.', 'Explain the consequences of selected human diseases for health systems and society.', 'Summarise theoretical perspectives on grieving and loss.', 'Develop organisational and communication skills in a small team environment.']

BIO3021	This unit investigates the organisms and the processes that drive marine ecosystems. We deal with the trophic structure of marine ecosystems, including primary and secondary production, microbial loops, food webs and their importance for marine fisheries. The implications of the characteristic life cycles of marine organisms to their geographical distribution are also considered. These topics are placed in the context of specific marine ecosystems including coastal habitats, coral reefs, open oceans, the deep sea and polar ecosystems. The practical component comprises a field trip (fee payable) either to Heron Island in December or the Queenscliff Marine Station in February where students work in small groups on specific aspects of marine biology.	['Describe the diversity and ecological importance of marine life;', 'Explain the fundamental physiochemical and physiological processes underlying the productivity of marine environments;', 'Explain the ecological dynamics of marine ecosystems;', 'Discuss the impact of human activity on the sustainability of marine ecosystems;', 'Demonstrate advanced scientific skills in project design, data collection, analysis and writing.']
CEM6881	The scanning electron microscope (SEM) is an instrument that provides the unique ability to characterise the surface of materials at micrometre and nanometre scales. This course is designed to offer both theoretical and practical training in operating a SEM, for those who need the technique for their research. The emphasis is to arm students with the skills necessary to both effectively operate the instrument AND make meaningful conclusions regarding the results generated.	['Safely and independently operate a scanning electron microscope (SEM) at MCEM.', 'Understand how to tune microscope parameters to match the information required from their specimens.', 'Confidently be able to interpret the results from secondary electron, backscattered electron and energy dispersive X-ray data.', 'Be able to prepare samples for loading into the instrument.']
BEX6014	The objective of this unit is to teach doctoral students topics that are on the forefront of the academic literature. Possible topics include behavioural finance, which combines elements of finance and psychology into a new field that has gained a lot of importance in recent times. Other topics that may be studied include those that have gained in importance in the top journals. The unit will provide an in-depth study of research papers and will also provide students with the skills necessary to conduct finance research.	['develop technical proficiency on topics covered in the unit in order to be able to initiate and pursue PhD level research', 'enhance the capability of developing an original research topic', 'be in a position to undertake research in behavioural finance (or any other topic covered in the course) and related fields.']