

Unit Synopses

AMB031 Mandarin 1

Anti-requisites	HHB051 and HUB453
Equivalents	AMX031, HHB031
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces students who have little or no prior knowledge of Chinese Mandarin to the four macro skills of listening, speaking, reading and writing through an integrated communicative approach to teaching. Content will include: the Mandarin sound and tonal systems; the Pinyin Romanisation system; introduction to Chinese character writing, greetings and introductions; expression of family relations, and talking about nationalities, places, objects, locations and directions.

AMB032 Mandarin 2

Pre-requisites	AMB031 or HHB031 or HUB453 or HHB051
Anti-requisites	HHB052, HUB454
Equivalents	AMX032, HHB032
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This language unit continues to develop the four macro skills of listening, speaking, reading and writing through an integrated communicative approach. While there is further consolidation of the knowledge of the Pinyin Romanisation system, greater attention is devoted to the reading and writing of characters. With acquisition of language, students receive further exposure to aspects and characteristics of Chinese culture.

AMB033 Mandarin 3

Pre-requisites	AMB032 or HHB032
Equivalents	AMX033, HHB033
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point

- SEM-1

This unit is designed to meet student needs to further develop their basic knowledge and skills for understanding, speaking, reading and writing Mandarin Chinese in a wide range of everyday situations. Eligible students are those who have: successfully completed introductory Mandarin units HHB031/AMB031 and HHB032/AMB032 at QUT, and those who have successfully completed equivalent Mandarin study elsewhere. Graduates from high schools who have completed Year 12 Mandarin should also enrol in this unit. (Students who have undergone primary and secondary education in China and Taiwan are not eligible for this unit. Students who cannot speak Mandarin Chinese but can read and write Chinese script are not eligible either. They can apply to do Mandarin speaking units cross-institutionally at UQ.)

AMB034 Mandarin 4

Pre-requisites	AMB033 or HHB033
Equivalents	AMX034, HHB034
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This language unit follows on from AMB033. Students further develop their knowledge and skills needed to understand, speak, read and write Mandarin Chinese in a wide range of everyday situations and to give presentations on given topics. Resources include textbook, workbook, CDs, DVDs and online multimedia materials. Students learn about 400 Chinese characters and have further exposure to various aspects of Chinese society and culture.

AMB045 Chinese - English Translation for Business Communication

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit is for students who have a good command of both Chinese language and English and who want to develop their translation and written communication skills applicable to business situations.

The unit teaches basic translation theories and helps students develop their skills through a large amount of varied translation practice. The materials used for translation practice include general business correspondence and sample texts in areas of advertising and marketing. The introduction to business Chinese and English and the translation practice also helps students improve their skills in writing business documents.

AMB046 Chinese - English Translation on Business Topics

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This language unit is for students who have a good command of both Chinese language and English, who want to develop their translation and written communication skills applicable to business situations. The unit teaches basic translation theories and helps students develop their skills through a large amount of varied translation practice. The materials used for translation practice include general business correspondence and sample texts in the areas of accounting, banking and business contracts. The introduction to business Chinese and English and the translation practice also help students improve their skills in writing business documents.

AMB047 Chinese - English Liaison Interpreting

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit is designed mainly for native speakers of Chinese who study any discipline at QUT and who are interested in developing their interpreting skills applicable to various cross-language and cross-culture oral communication situations. Non-native speakers of Chinese who have acquired native or near-native competence in Chinese language can apply to do this unit too and they need to see the unit coordinator for an assessment interview before final approval. The unit teaches basic interpreting theories and helps students develop practical skills in dialogue

interpreting, sight interpreting and consecutive interpreting through a large amount of varied interpreting practice. The knowledge and skills the students acquire through learning this unit will add to their competitive edge when they apply for work in any field of their own discipline.

AMB048 Chinese - English Speech Interpreting

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit is designed mainly for native speakers of Chinese who study in any discipline at QUT and who are interested in developing their interpreting skills applicable to various cross-language and cross-culture oral communication situations. Non-native speakers of Chinese who have acquired native- or near-native competence in Chinese language can apply to do this unit too and they need to see the unit coordinator for an assessment interview for final approval. The unit teaches basic interpreting theories and help students develop practical skills in dialogue interpreting, sight interpreting and consecutive interpreting through a large amount of varied interpreting practice. Specifically, students will be trained through substantial practices to think and shift rapidly between Chinese and English so that they can conduct various types of interpreting in a wide range of situations.

AMB120 Bridging Cultures

Pre-requisites	Completion of 96 credit points or more of study
Anti-requisites	AMB390
Equivalents	HHB001
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit develops students' awareness, understanding, sensitivity and ability to deal with individuals and organisations from different cultural backgrounds. It takes a practical approach to the issues involved by providing not just a theoretical framework for interpreting differences in cultural behaviour, but also skills and strategies which can help in appropriately responding to culturally different situations. This unit will be of particular

value to students about to embark on in-country study or exchanges, to incoming international students, or to anyone with a general interest in intercultural communication. It will be a useful complement to the study of a second language, but does not require or assume prior language study.

AMB200 Consumer Behaviour

Pre-requisites	BSB126 or CTB126 or BSB116 or BSB117
Anti-requisites	MIB204
Equivalents	AMX200, CTB200
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

This unit provides students with the fundamental theories and models to develop a sound understanding of consumers, their needs, and behaviours. It provides a detailed examination of the consumer decision process and the internal and external influences on this core decision process. The unit also assists students in applying this knowledge to the development, implementation and evaluation of marketing activities within an organisation.

AMB201 Marketing and Audience Research

Pre-requisites	BSB126, CTB126, BSB116, or BSB117
Anti-requisites	MIB305, MGB220, COB334
Equivalents	AMX201, CTB201
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

This unit provides an introduction to the conduct and evaluation of marketing and audience research across the disciplines of advertising, marketing and public relations. Class members explore how field studies, survey and experimental research are employed to support advertising, marketing and public relations information needs. The unit provides an overview of research process, research design, methods of data collection and analysis, and the development of research proposals to

support decision-making. Class members also explore issues related to research on media audiences, research ethics, and the management of client briefings.

AMB202 Integrated Marketing Communication

Pre-requisites	BSB126 or CTB126 or BSB116 or BSB117
Anti-requisites	COB207, MIB309
Equivalents	AMX202
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

In past decades many organisations separated the different forms of marketing communication that convey their corporate and marketing messages. They developed separate plans for their advertising, public relations, direct marketing, personal selling and sales promotion with separate goals, objectives, strategies and budgets. Today many companies recognise the concept of integrated marketing communication which integrates these different functions along with other aspects of the marketing mix that communicate with stakeholders and customers. Integrated marketing communication requires a 'total' approach to planning marketing communication programs and coordinating communication strategies in omnichannels in support of overall brand and product/service marketing objectives. Specifically, the use of online social media as an important communication tool is highly examined within this subject.

AMB203 Independent Study

Anti-requisites	COB206
Other requisites	Subject to Unit Coordinator Approval
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

AMB204 Purchasing and Procurement

Pre-requisites	BSB119 or CTB119
Anti-requisites	IBB312
Equivalents	AMX204

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Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit examines the nature and importance of Procurement in the role of business today. Procurement has become increasingly important and valued by organisations that are part of global supply chains. The management and strategic control of procurement functions in modern businesses adds profit through cost control in businesses and that has gained significance in the drive to maintain profit in internationally competitive markets. Modern procurement professionals require the use of many skills to achieve these outcomes and this unit introduces students to the functions of purchasing and procurement in an organisation.

AMB206 Social Marketing

Pre-requisites	BSB126, CTB126, PUB104, BSB116, XNB151 or BSB117
Equivalents	AMX206
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Social marketing is the application of commercial marketing principles to solve social problems. It is increasingly being adopted by governments around the world as they seek effective solutions relating to public health and climate change, environmental issues. This unit introduces students to the theory and application of social marketing, explaining how techniques such as branding, segmentation and the marketing mix can be used to respond to social and health issues. Students will learn to analyse real world problems and develop innovative and creative solutions using social marketing frameworks. This is an elective unit for business and public health students

AMB207 Entertainment Marketing

Pre-requisites	BSB126 or CTB126
Equivalents	AMX207
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The entertainment industry is the second largest in the world, worth nearly US\$2 Trillion and offers great opportunities. However the marketing of entertainment provides some unique challenges to the application of marketing tools. Students will complete an entertainment marketing case study that will clearly demonstrate to potential employers that students have the necessary skills and abilities to work in an entry-level position/analytical role within a marketing department in the entertainment or arts field.

AMB209 Tourism Marketing

Pre-requisites	BSB126 or CTB126
Equivalents	AMB351, AMX209
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit examines tourism marketing in the context of destinations, which is a fundamental pillar of the travel industry and tourism research. The majority of tourism activities take place at destinations, which are now the biggest travel brands. The majority of governments now fund a destination marketing organisation (DMO) to enhance competitiveness in global markets where travellers are spoilt for choice. The success of individual tourism businesses is reliant to some extent on the competitiveness of their destination. Therefore the unit analyses the tourism macroenvironment, and the role of the DMO in developing and coordinating a holistic destination marketing plan that encourages collaboration between the many stakeholders for the wider benefit of the community.

AMB210 Importing and Exporting

Pre-requisites	BSB119 or CTB119
Equivalents	AMX210, IBB210
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

International trade has become fundamental to the survival and growth of many businesses in Australia as well as other economies. International business

students need an understanding of the many challenges and opportunities entailed in the management of trade. International trade management is an applied, technical and evolving area of international business operations that reflects the dynamic nature of trans-national trade in the global economy. This unit examines the importance of international trade for Australia's economic development, provides key information related to trade in services, importing and exporting and countertrade via industry perspectives on issues of current importance in international trade and provides a structured lecture and tutorial programme to achieve this.

AMB211 Brand Management

Pre-requisites	BSB126
Equivalents	AMX211
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Learners will develop a comprehensive understanding of brand building concepts and techniques to improve the long term profitability of brand strategies. Although brands may represent invaluable intangible assets, creating and nurturing a strong brand poses considerable challenges for organisations. This elective unit draws on the concept of branding theory to provide marketers with ideas around planning and implementing brand management programs, measuring and interpreting brand performance, and growing and sustaining brand equity.

AMB220 Advertising Theory and Practice

Pre-requisites	BSB126, CTB126, BSB116, or BSB117
Anti-requisites	COB308
Equivalents	AMX220
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit serves as an introduction to later units in the advertising major and gives learners an overview of the advertising industry and the management of the advertising function. The unit traverses the interrelationship of the institutions of advertising, the advertisers, the advertising agencies and the media. It introduces research and details methods

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of determining advertising objectives, budgets, establishing target audiences, interpreting audience ratings and circulation figures, and enables learners to gain a preliminary understanding of the creative functions of the advertising industry. It also shows the ethical and legal side of advertising and its important role in society and the economy.

AMB240 Marketing Planning and Management

Pre-requisites	BSB126 or CTB126
Equivalents	AMX240, CTB240
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit extends the student's knowledge of the fundamental marketing concepts and theories introduced in the Faculty Core unit in Marketing, by adding further breadth and depth of knowledge of marketing and developing skills in the application of this knowledge to marketing planning and management within the business environment. Emphasis is on the roles within a marketing team at the product management level in undertaking analysis, planning, implementation and control of marketing activities. Specifically this unit uses a role-play simulation called QUTopia to engage students in real-world learning. QUTopia is unique to QUT and has awards at both local and national levels as an exciting way of engaging students.

AMB263 Introduction to Public Relations

Pre-requisites	BSB126, CTB126, BSB116, or BSB117
Equivalents	AMB260, AMX263
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit introduces students to the theory and practice of public relations, the discipline that deals with the creation, maintenance, and enhancement of relationships between organisations and their publics. Topics covered include publicity, events, and public opinion. This unit may be taken concurrently with AMB264 Public Relations Techniques especially by students undertaking a

public relations major. However, it may also be taken by those students doing a public relations minor, or as a stand alone unit by those students in a wide variety of study disciplines who wish to understand more about this important area of business.

AMB264 Public Relations Techniques

Pre-requisites	BSB126, CTB126, BSB116, or BSB117
Anti-requisites	AMB261, AMB262
Equivalents	AMX264
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

AMB264 Public Relations Techniques focuses on writing for audiences - including the media - on behalf of organisations. It introduces students to public relations skills such as research, developing key messages, writing, and editing. It also helps them develop an understanding of how media work. AMB264 has been designed to be undertaken as part of the public relations major and minor. It may also be taken as a stand-alone unit by students in other disciplines. Note that students who enrol in this unit are assumed to have a high level of competency in written English. Students are also required to have or acquire a basic knowledge of public relations: readings are provided to help students refresh or acquire that knowledge.

AMB300 Independent Project 1

Other requisites	Subject to Unit Coordinator Approval
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

AMB303 International Logistics

Pre-requisites	(AMB240 or CTB240) or (AMB210 or IBB210). AMB210 can be studied in the same teaching period as AMB303
Equivalent s	AMX303, IBB303

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit examines international logistics through the concepts of international distribution channels and international supply chain management. Strategy in managing international logistical constraints is emphasised with practical studies of contemporary international supply chain management in international industries. Traditional costs and financial aspects of supply chain management are considered. Contemporary issues are incorporated including: the impact of e-business on international logistics; the evolution of new technologies for 'smart' packaging, warehousing and international stock control; the combination of international services with goods products; recent technological developments in international transportation and product quality control.

AMB305 Analysis for Consumer Insights

Pre-requisites	AMB200 and AMB201
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit will develop students' abilities to prepare, analyse, interpret and report on marketing and consumer research data and to provide meaningful, evidence based marketing decisions and recommendations. Students will develop high-quality data analysis skills relevant to marketing and consumer research using industry-relevant software. The unit is aimed primarily at students wanting to pursue a research career, but is also invaluable to students who will work in industries where analysing and reporting on consumer research data is essential.

AMB306 Advanced Consumer Research

Pre-requisites	AMB200 and AMB201
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit develops students' abilities to critically analyse and evaluate research

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designs, findings, and interpretations. Students will learn to evaluate industry-based and academic research findings. In addition, they will learn to formulate quality research proposals to explore contemporary issues within academic and/or industry literature. The unit is primarily aimed at students wanting to pursue a research career, but will also be invaluable to anyone wanting to work in industries where the ability to evaluate the design and trustworthiness of research findings is essential.

AMB310 Real World Internships and Projects

Pre-requisites	192 credit points of completed study
Equivalent s	AMX310
Other requisites	Grade Point Average (GPA) of 4.0 or higher; and undertaking a major in advertising, international business, marketing, or public relations.
Assumed Knowledge	Knowledge and skills in major area of study appropriate to an undergraduate student in final two semesters of study is assumed knowledge
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The unit provides real world learning experiences for undergraduate students majoring in advertising, international business or logistics, marketing or public relations, or as part of an approved scholarship program in QUT Business School. . Students complete internships or projects with approved industry and community partners, learning through authentic activities that are planned and assessed. An internship is a work integrated learning opportunity, with a student completing a placement in an organisation. A project is a work integrated learning opportunity, with a student completing a service learning, community, industry, or work-based project, often as a member of a small team of students. Internships and projects are learning opportunities for students, focused on practising, developing and refining knowledge and skills.

AMB318 Advertising Copywriting

Pre-requisites	AMB220 or COB308
Equivalents	AMB221, AMX318
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

There are two parts to any copywriting process the thinking and the writing. In the first part, students learn to solve advertising problems through an understanding of the prospect and the product and the formulation of incisive creative strategy. In the second part, creative thinking techniques are applied and advertising concepts emerge from the creative strategy. Students' thinking and writing skills are refined in weekly workshops and culminate in a group project.

AMB319 Media Planning

Pre-requisites	AMB220
Equivalents	AMB222, AMX319
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit provides real world learning experiences for undergraduate students majoring in advertising. It introduces the qualitative and quantitative factors affecting media selection and use by advertisers. It covers the costing and scheduling of media, market targeting, measuring media exposure, media comparisons and trends. In-depth analysis of advertising media will allow learners to develop an understanding of the characteristics of each. The application of the concepts of media decision making, media strategy and research to the development of a media plan are emphasised.

AMB320 Advertising Management

Pre-requisites	AMB220
Equivalents	AMX320
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point

- SEM-1

This unit takes the perspective of the Advertising Manager and addresses the use of research in developing, implementing, managing, and assessing a successful advertising campaign. In Advertising Management, learners use the case method of learning to examine the advertising process from its place in the marketing mix to the formulation of objectives, strategy and budget to the development of creative and media tactics and their ongoing evaluation. In addition, issues that impinge upon the advertising campaign management process such as legal and ethical issues, globalisation and the client-agency relationship are discussed.

AMB330 Digital Portfolio

Pre-requisites	((AMB318 or AMB221) and (AMB319 or AMB222)) or AMB372 or AMB240
Equivalents	AMX330
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This advanced unit provides real world learning experiences for undergraduate students. It leverages and extends the theoretical perspectives and applied skills introduced to students in earlier advertising, marketing and public relations units. It explores the digital environment, interrogates digital platforms and integrates critical research, planning and an understanding of analytics into digital campaign development. This understanding is then applied through hands-on exercises in areas such as search, analytics or content to build a portfolio of digital skills.

AMB331 Direct Marketing

Pre-requisites	AMB202, AMB220, AMB240, CTB240, or AMB249
Anti-requisites	COB315
Equivalents	AMX331
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The discipline of Direct Marketing has grown in importance because of its precise targeting, easy accountability, its foundations role in Integrated Marketing Communication (IMC), and its increasing share of the marketing communication

budget. This unit focuses on the principles of direct marketing and the role of the database in locating prospects, tracking customers, and building relationships. It examines the components of direct marketing telemarketing, personal selling, and direct response advertising. As the main communication discipline of direct marketing, the emphasis is on direct response advertising. Students analyse the offer planning, strategy, creative, media, testing, and evaluation of direct marketing campaigns.

AMB336 International Marketing

Pre-requisites	AMB240, CTB240, AMB210, or IBB210
Equivalents	AMX336, IBB213
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

The aim of this unit is to provide students with a thorough understanding of the multiplicity of issues that impact on the development of international marketing strategies and plans and their operational implementation. The unit is highly applied and provides students with the following opportunities: to analyse global international firms, their marketing strategies and various international marketing issues in a variety of geographic and industry contexts; to evaluate methodologies and new practices for handling problems and issues typical of global and international markets and competition; to develop an operationally sound international marketing plan.

AMB339 Advertising Campaigns

Pre-requisites	AMB320 and AMB330
Equivalents	AMB321, AMX339
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This capstone advertising unit draws from all the theoretical, analytical, and applied material developed throughout the advertising major, and applies it to a client brief. Learners develop advertising solutions that incorporate all aspects of

an advertising campaign, including objectives, budgeting, message development, message delivery, and measurement. The key emphasis is on the use of research to develop sound advertising strategy, which is then executed as creative and media ideas and evaluated through ongoing benchmarks.

AMB340 Services Marketing

Pre-requisites	AMB240 or CTB240, and AMB201 or CTB201
Anti-requisites	MIB311
Equivalents	AMX340, CTB340
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit explores the special characteristics of services that distinguish the marketing of services from goods. Topics include the distinctive aspects of consumer decision-making relative to services and the implications for marketing strategy formation, the management of demand and supply, customer service and its influence on service satisfaction, service quality management and measurement, internationalisation of the service sector, and distribution modes for services that reflect the significant impacts of new technologies on service delivery.

AMB359 Strategic Marketing

Pre-requisites	AMB340, and AMB335 or AMB241 or AMB330
Equivalents	AMB341, AMX359
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Emphasis of the capstone Marketing unit is on the role of the marketing manager at the corporate and strategic business unit/division levels. Underpinned by client projects, learners are exposed to a variety of strategic marketing techniques and issues, and learn how to apply these in increasingly competitive and changing marketplaces. The relevance extends to corporate, government and not-for-profit planning and management activities.

AMB369 International Business Strategy

Pre-requisites	AMB336, AMB303, IBB303, or IBB213
Equivalents	AMX369, IBB300
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit focuses on the definition and implementation of international strategy for worldwide operations. As the capstone unit in the International Business major, it is designed to build upon the knowledge base of previous units, introducing you to the strategic management of firms, and engage you in the strategic choices which international managers face in the dynamic international environment.

AMB372 Public Relations Planning

Pre-requisites	((AMB263 or AMB260) and AMB264)) or (AMB261 and AMB262)
Equivalents	AMX372
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit introduces students to the public relations planning process. Students build skills in planning by analysing the components, execution and evaluation of contemporary public relations campaigns. The public relations planning process, partnered with theoretical concepts and ethical considerations, is examined across practice contexts and areas.

AMB373 Issues, Stakeholders and Reputation

Pre-requisites	(AMB263 or AMB260) and AMB264) or (AMB261 and AMB262)
Equivalents	AMB360, AMX373
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Issues, Stakeholders and Reputation (AMB373) provides students with the opportunity to build on and apply their understanding of public relations to an in-house organisational role to anticipate and respond to issues that influence stakeholder relationships and

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organisational reputations. Corporate communication provides foundational skills and knowledge of the issues management process and decision making to understand and respond to stakeholder opinion.

AMB374 Global Public Relations Cases

Pre-requisites	AMB372, AMB261, or AMB262
Equivalents	AMB370, AMX374
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Global Public Relations Cases applies the theoretical underpinnings of broad public relations practice to particular practice areas, using case based learning. Analysis and discussion of real-world cases in local, national and international settings and the public relations responses will improve students' application of knowledge and skills in public relations and strengthen students' decision-making and critical thinking skills.

AMB375 Public Relations Management

Pre-requisites	AMB372 and AMB373, or AMB360
Equivalents	AMX375
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Public Relations Management (AMB375) develops students' knowledge and skills in communication management within organisational settings characterised by diverse workforces and communication technologies. Building on theoretical foundations from public relations, management and communication, the unit will focus on key concepts such as internal communication, organisational culture and change communication programs.

AMB379 Public Relations Campaigns

Pre-requisites	AMB374 or AMB370
Equivalents	AMB361,

	AMX379
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

As the capstone unit, Public Relations Campaigns sees the student bring together the design, strategic planning and tactical preparation that underpins an effective public relations campaign. Students research, develop and present their plans for a real world client, enhancing their portfolio prior to graduation.

AMB390 Bridging Cultures - International

Anti-requisites	AMB120
Other requisites	To enrol students must have completed 144cp (or equivalent to three semesters full-time study), have a course GPA of 4.5, which must include a minimum of 48cp of study in BS08
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit develops students' awareness, understanding, sensitivity and ability to deal with individuals and organisations from different cultural backgrounds. The unit is designed specifically for students enrolled in Bachelor of Business - International (BS08).

AMN400 Consumer Behaviour

Anti-requisites	MIN419
Equivalents	AMX400
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit provides an introduction to the area of consumer behaviour and a forum for discussion of theory and research in the field. The current state of consumer behaviour research will be reviewed and some of the emerging trends in the area are explored through several avenues of

assessment. The unit provides the environment for students to conduct their own research in areas that are relevant, of interest to them and reflect the interdisciplinary nature of consumer behaviour.

AMN401 Integrated Marketing Communication

Anti-requisites	CON421
Equivalents	AMX401
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

There are three things that differentiate IMC. It was created with a data-driven, technology empowered, customer-centric focus. It is about integration of the strategy, the message and the organisation. And IMC is about optimising the customer experience. These three things form the organising constructs or modules of learning in this IMC unit. Once students understand what IMC is through its definition and its technology-driven evolution, the learning shifts to integration and how we can enact and measure it. Finally, students apply this understanding to create and optimise the customer experience.

AMN403 Marketing and Survey Research

Anti-requisites	MIN413
Equivalents	AMX403
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit provides a detailed overview of marketing research to support decision making in the areas of advertising, integrated marketing communication, marketing and public relations. The unit builds an advanced understanding of the use of survey research to support the descriptive and predictive information needs of management in such areas as consumer opinions and behaviour, and stakeholder analyses. Students will explore issues related to survey research design, questionnaire development and administration, sampling, measurement, data analysis including descriptive and

multivariate statistics and presentation of research results.

AMN404 Readings in Integrated Marketing Communication

Pre-requisites	AMN401
Anti-requisites	CON416
Equivalents	AMX404
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SUM External - SEM-1, SUM

The unit provides participants with the opportunity to make a detailed exploration of the literature on a particular topic or problem in the area of Integrated Marketing Communication under the direction of a supervisor. The readings integrate and consolidate theory and research related to IMC and from other studies undertaken in the course. Students undertake a formal and systematic review of literature in a particular problem area of IMC related to their interests, project or thesis. Students may also explore work covered in other specialisations.

AMN405 Decisions and Issues in Integrated Marketing Communication

Pre-requisites	AMN401 or AMN420
Equivalents	AMX405
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This unit surveys the intellectual and ethical foundations of a number of business decisions and contemporary issues emerging within the advertising and IMC disciplines. Through the use of intensive case study analysis and discussion, students will refine conceptual understanding and analytical skills to explore advertising and IMC topics. This will not only help inform IMC planning and strategic decisions, but also provide systematic explanations of their societal implications and consequences.

AMN406 Project

Pre-requisites	Completion of 96cp of previous study of Business postgraduate units
Anti-requisites	CON405
Equivalents	AMX406
Credit Points	24
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM

In this unit, students examine in detail and offer a solution for a real world problem in one of the disciplines of the QUT Business School. The study is based on a work integrated learning (WIL) project and in industry information, published journal literature and may involve primary research and analysis. Project supervision will be arranged by the Unit Coordinator through consultation with the student and available staff members.

AMN411 Independent Study

Other requisites	Subject to Unit Coordinator Approval
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

AMN420 Advertising Management

Anti-requisites	CON417
Equivalents	AMX420
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit empowers students to make effective management decisions within the advertising process. It examines the setting of advertising objectives, and the need for coordination of these with marketing, communication and organisational objectives. It develops a sound understanding of advertising regulations and ethics, budgeting, research and campaign coordination. It further examines management's

participation in the creative, media and production processes, and the contribution of advertising management to the cohesion and creativity of the agency.

AMN423 Strategies for Creative Advertising

Anti-requisites	CON419
Equivalents	AMX423
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This unit explores the substantive body of academic research on creative advertising. It follows the creative process, beginning with the formulation of consumer insight, to the development of creative strategy and big idea and concluding with campaign evaluation. Through cases and presentations, students examine how copywriters think, the illumination of the 'big idea' and its execution across the very diverse advertising and digital platforms.

AMN425 Digital Strategy

Equivalents	AMX425
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

Australia is one of the first countries in the world where advertising expenditure in the online environment exceeded that of television and all other traditional media. This necessitates a seismic shift in the way we need to think about advertising, public relations and marketing. It signals an imperative need to understand how digital campaigns are planned, created and measured. This introductory digital strategy unit fulfils this remit by explaining and practicing fundamental digital skills such as analytics, search, content creation, mobile and social media. It introduces the theory behind the practice in order to inform managerial decision-making and best practice in digital strategy.

AMN430 International Logistics Management

Equivalents	AMX430, IBN410
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces international logistics functions and develops a strategic approach to international business transactions and integration focusing on supply chain management. The unit introduces traditional and contemporary logistics concepts and describes international logistics operations including global transport systems, inventory management, materials handling and information management. Global supply chain management cases and strategies are integrated throughout the unit.

AMN431 Marketing Internationally

Anti-requisites	MIN421
Equivalents	AMX431, IBN421
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit gives students essential knowledge and skills to understand and strategically respond to the challenges and opportunities of international marketing. Students will evaluate and formulate international marketing strategies. Students will develop and practice their critical thinking, data analysis and decision making skills. They will also learn to craft and defend their judgements to make effective contributions to marketing strategy informed by cultural and ethical understanding.

AMN442 Marketing Management

Anti-requisites	MIN422
Equivalents	AMX442
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External

- SEM-1, SEM-2

The study of marketing, marketing systems and marketing management and marketing planning within contemporary structure of social, cultural, political, economic, business and organisational environment. Concepts are applied through the study and construction of a marketing plan, which involves market and sales analysis, target market strategies, tactical decision planning, and implementation and control. Marketing management concepts are applied to virtual and physical markets and attention is given to a range of skills in finance, human resources, information and other skills needed by marketing managers in these markets.

AMN443 Product and Service Innovation

Anti-requisites	MIN423
Equivalents	AMX443
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This unit examines the dynamics of innovation and development within the mix of core marketing activities of organisations. Once establishing the integral role innovation plays in organisations, the unit also reviews the key stages in the process of creating, developing and implementing new product and service concepts including product, service and market analysis, design, innovation, evaluation and testing of ideas, branding and packaging, market testing and investment analysis.

AMN444 Services Marketing

Pre-requisites	AMN442
Anti-requisites	MIN424
Equivalents	AMX444
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This unit introduces a framework for studying services and explores both strategic and operational issues including the design and delivery of services; the formulation of communication strategies; the definition, measurement and

implementation of customer-focused marketing programs in service industries; and the establishment and maintenance of relationships with customers.

AMN445 Strategic Marketing Management

Pre-requisites	AMN442
Anti-requisites	MIN425
Equivalents	AMX445
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This is a capstone unit which aims to ensure students can manage the complete marketing function at a senior level within a corporation, and includes assessing the marketing function's performance with appropriate tools to diagnose, assess, track and evaluate performance and to modify processes to improve the function. Links between the marketing function and other functions of a business such as accounting, operations and human resources are drawn, so that the student would be in a position to move into top management if the opportunity arose.

AMN447 Contemporary Issues in Marketing

Anti-requisites	MIN407
Equivalents	AMX447
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This unit offers advanced study of topical issues and emerging trends in marketing practice as a result of new technologies, current events and their impact on local, national and international enterprises. In depth interaction with business and public policy leaders expands students research, reflection and strategic thinking abilities.

AMN460 Corporate and Investor Relations

Anti-requisites	CON409
Equivalents	AMX460
Credit Points	12

Units

Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This unit explores aspects of the public relations function in corporate communication contexts, with a focus on the intersection of theory and professional practice. There is consideration of legal, regulatory and governance requirements for organisations, and the influence on public relations strategy, planning and tactics.

AMN461 Corporate Media Strategy and Tactics

Anti-requisites	CON424
Equivalents	AMX461
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit examines theories underpinning mass media and links these with the practice of public relations media tactics. Students analyse techniques and skills used in liaison with news media across paid, owned, earned and shared platforms. Students will produce a media strategy rationale and a digital media portfolio encompassing a range of media kit tools such as media releases, fact sheets, and photo opportunities.

AMN462 Community Consultation and Engagement

Equivalents	AMX462
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This unit introduces students to the key public relations engagement strategies of information, consultation, and participation, and develops their understanding of the theoretical foundations of these strategies. It provides students with the skills and knowledge to identify the expectations stakeholders have of organisational engagement; and to develop appropriate public relations communication programs based on strategies of information,

consultation and/or participation in response. Ethical practice is a key organising framework for this unit.

AMN465 Public Relations Management

Anti-requisites	CON415
Equivalents	AMX465
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

AMN465 Public Relations Management provides learners with an overview of the theory and research that constitute the foundations of public relations practice. The unit provides a detailed inspection of communication processes necessary for the management of organisational relationships with publics. The unit focuses on such topics as issues management, organisational change, public opinion, and mass media effects in order to explore the foundations of contemporary public relations management.

AMN467 Public Relations Campaigns

Equivalents	AMX467
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

Public Relations Campaigns provides a systematic exploration of the planning, management and evaluation of public relations campaigns and programs. The primary goal of the unit is to build a detailed understanding of existing theory and research that informs the development and evaluation of public relations campaigns. The unit focuses on key problem areas of campaign management including strategy, design and evaluation. Contemporary best practice campaigns are identified and critiqued. In response to a real world client brief, a public relations campaign plan is developed.

AMN468 Issues and Crisis Management

Anti-requisites	CON408
Equivalents	AMX468
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

AMN468 examines the strategic management of crisis communication for organisations. Following a strategic planning approach content covered includes organisation analysis, issues identification, audience prioritisation, strategy formulation, tactical planning and implementation and evaluation. Issues in management (pre-crisis) will be addressed as well as proactive and defensive communication strategies during crisis. The unit will demonstrate the application of general communication tools to a specialised area.

AMX031 Mandarin 1 (Outbound Exchange)

Equivalents	AMB031
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX032 Mandarin 2 (Outbound Exchange)

Equivalents	AMB032
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX033 Mandarin 3 (Outbound Exchange)

Equivalents	AMB033
Credit Points	12
Campus	EXCHANGE, Gardens Point and External
Availabilities	External - SEM-1, SEM-2, XCH-1, XCH-2

Units

AMX034 Mandarin 4 (Outbound Exchange)

Equivalents	AMB034
Credit Points	12
Campus	Gardens Point, EXCHANGE and External
Availabilities	External - SEM-1, SEM-2, XCH-1, XCH-2

AMX035 Mandarin 5 (Outbound Exchange)

Equivalents	AMB035
Credit Points	12
Campus	EXCHANGE, Gardens Point and External
Availabilities	External - SEM-1, SEM-2, XCH-1, XCH-2

AMX036 Mandarin 6 (Outbound Exchange)

Equivalents	AMB036
Credit Points	12
Campus	Gardens Point, EXCHANGE and External
Availabilities	External - SEM-1, SEM-2, XCH-1, XCH-2

AMX037 Mandarin 7 (Outbound Exchange)

Equivalents	AMB037
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - SEM-1, XCH-1, XCH-2

AMX038 Mandarin 8 (Outbound Exchange)

Equivalents	AMB038
Credit Points	12
Campus	Gardens Point, EXCHANGE and External
Availabilities	External - SEM-1, XCH-1, XCH-2

AMX043 In-Country Study - A (Outbound Exchange)

Equivalent s	AMB043, HHB058
Other requisites	Subject to Unit Coordinator approval. Students are required to have completed (AMB031 or HHB031) and (AMB032 or HHB031), GPA of 4.5 or above and completion of 96 credit points of approved study.
Assumed Knowledge	null
Credit Points	48
Campus	Gardens Point, EXCHANGE and External
Availabilities	External - SEM-1, SEM-2, XCH-1, XCH-2

AMX044 In-Country Study - B (Outbound Exchange)

Pre-requisites	AMB043
Equivalents	AMB044, HHB059
Credit Points	48
Campus	Gardens Point, EXCHANGE and External
Availabilities	External - SEM-1, SEM-2, XCH-1, XCH-2

AMX200 Consumer Behaviour (Outbound Exchange)

Equivalents	AMB200
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX201 Marketing and Audience Research (Outbound Exchange)

Equivalents	AMB201
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX202 Integrated Marketing Communication (Outbound Exchange)

Equivalents	AMB202
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX204 Purchasing and Procurement (Outbound Exchange)

Pre-requisites	BSB119 or CTB119
Anti-requisites	IBB312
Equivalents	AMB204
Credit Points	12
Campus	External
Availabilities	External - XCH-2

AMX206 Social Marketing (Outbound Exchange)

Equivalents	AMB206
Credit Points	12
Campus	External
Availabilities	External - XCH-2

AMX207 Entertainment Marketing (Outbound Exchange)

Pre-requisites	BSB126
Equivalents	
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX209 Tourism Marketing (Outbound Exchange)

Pre-requisites	BSB126 or CTB126
Equivalents	AMB209, AMB351
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1,

Units

	XCH-2
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AMX210 Importing and Exporting (Outbound Exchange)

Equivalents	AMB210
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX211 Brand Management (Outbound Exchange)

Pre-requisites	BSB126
Equivalents	AMB211
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX220 Advertising Theory and Practice (Outbound Exchange)

Equivalents	AMB220
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX240 Marketing Planning and Management (Outbound Exchange)

Equivalents	AMB240
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX251 Innovating Products and Services (Outbound Exchange)

Pre-requisites	BSB126 or BSB116 or CTB126
Anti-requisites	MIB227
Equivalents	AMB251

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX263 Introduction to Public Relations (Outbound Exchange)

Equivalents	AMB263
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX264 Public Relations Techniques (Outbound Exchange)

Equivalents	AMB264
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX303 International Logistics (Outbound Exchange)

Equivalents	AMB303
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX304 Logistics Operations (Outbound Exchange)

Pre-requisites	AMB210
Equivalents	AMB304
Credit Points	12
Campus	External
Availabilities	External - XCH-2

AMX318 Advertising Copywriting (Outbound Exchange)

Equivalents	AMB318
Credit Points	12
Campus	EXCHANGE

	and External
Availabilities	External - XCH-1, XCH-2

AMX319 Media Planning (Outbound Exchange)

Equivalents	AMB319
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX320 Advertising Management (Outbound Exchange)

Equivalents	AMB320
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX330 Digital Portfolio (Outbound Exchange)

Equivalents	AMB330
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX331 Direct Marketing (Outbound Exchange)

Pre-requisites	AMB202, AMB220, AMB240, CTB240, or AMB249
Anti-requisites	COB315
Equivalents	AMB331
Credit Points	12
Campus	External
Availabilities	External - XCH-2

AMX336 International Marketing (Outbound Exchange)

Equivalents	AMB336
Credit Points	12
Campus	EXCHANGE and External

Units

Availabilities	External - XCH-1, XCH-2
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AMX339 Advertising Campaigns (Outbound Exchange)

Equivalents	AMB339
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX340 Services Marketing (Outbound Exchange)

Equivalents	AMB340
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX342 Strategic Procurement (Outbound Exchange)

Pre-requisites	AMB204
Equivalents	AMB342
Credit Points	12
Campus	External
Availabilities	External - XCH-2

AMX359 Strategic Marketing (Outbound Exchange)

Equivalents	AMB359
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX369 International Business Strategy (Outbound Exchange)

Equivalents	AMB369
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX372 Public Relations Planning (Outbound Exchange)

Equivalents	AMB372
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX373 Corporate Communication (Outbound Exchange)

Equivalents	AMB373
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX374 Global Public Relations Cases (Outbound Exchange)

Equivalents	AMB374
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX375 Public Relations Management (Outbound Exchange)

Equivalents	AMB375
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX379 Public Relations Campaigns (Outbound Exchange)

Equivalents	AMB379
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX400 Consumer Behaviour (Outbound Exchange)

Equivalents	AMN400
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX401 Integrated Marketing Communication (Outbound Exchange)

Equivalents	AMN401
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX403 Marketing and Survey Research (Outbound Exchange)

Equivalents	AMN403
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX404 Readings in Integrated Marketing Communication (Outbound Exchange)

Equivalents	AMN404
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX405 Decisions and Issues in Integrated Marketing Communication (Outbound Exchange)

Pre-requisites	AMN401 or AMN420
Equivalents	AMN405
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External

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- XCH-1,
XCH-2

XCH-2

XCH-2

AMX406 Project (Outbound Exchange)

Equivalents	AMN406
Credit Points	24
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX431 Marketing Internationally (Outbound Exchange)

Equivalents	AMN431
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX445 Strategic Marketing Management (Outbound Exchange)

Equivalents	AMN445
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX420 Advertising Management (Outbound Exchange)

Equivalents	AMN420
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX434 Special Topic in International Business (Outbound Exchange)

Equivalents	AMN434
Credit Points	24
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX447 Contemporary Issues in Marketing (Outbound Exchange)

Equivalents	AMN447
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX423 Strategies for Creative Advertising (Outbound Exchange)

Equivalents	AMN423
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX442 Marketing Management (Outbound Exchange)

Equivalents	AMN442
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX460 Corporate and Investor Relations (Outbound Exchange)

Equivalents	AMN460
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX425 Digital Strategy (Outbound Exchange)

Equivalents	AMN425
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX443 Product and Service Innovation (Outbound Exchange)

Equivalents	AMN443
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX461 Corporate Media Strategy and Tactics (Outbound Exchange)

Equivalents	AMN461
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX430 International Logistics Management (Outbound Exchange)

Equivalents	AMN430
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1,

AMX444 Services Marketing (Outbound Exchange)

Equivalents	AMN444
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1,

AMX462 Community Consultation and Engagement (Outbound Exchange)

Equivalents	AMN462
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1,

Units

XCH-2

AMX465 Public Relations Management (Outbound Exchange)

Equivalents	AMN465
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX467 Public Relations Campaigns (Outbound Exchange)

Equivalents	AMN467
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AMX468 Issues and Crisis Management (Outbound Exchange)

Equivalents	AMN468
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AYB114 Forensic Digital Analysis

Anti-requisites	BSB212, CTB212
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The rise of the Internet and the rapid development of technological applications is significantly changing the way in which business is being conducted, how fraud is occurring, and, consequently, how forensic accountants investigate and analyse digital data. The technologies that impact on business operations and fraud investigation include Office technologies, Social Media, Mobile applications, Virtual technologies and Cloud Computing. In addition, a

significant increase in the use of mobile devices has implications for businesses and for the way forensic accountants investigate fraud related issues. Therefore, although these tools are enabling businesses to create new business process and product/service opportunities that transcend the barriers of distance and time, they have also enabled the ways in which fraud can be perpetrated. This unit introduces students to the ways in which a myriad of digital data can be investigated and analysed. In addition, students will be able to recognise the new data risks and governance issues facing organisations in the digital age. Studying a variety of these technological developments and software used to analyse data emanating from the various technologies will provide students with up-to-date tools and techniques used in forensic investigation.

AYB115 Governance, Fraud and Investigation

Equivalents	BSB213
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Governance issues and fraud have an increasingly large impact on business. When implementing business strategies, professionals in all sectors of the economy are confronted by a wide range of governance issues because of the electronic and global nature of their business operations. Fraud is an ever present problem in a technology driven business environment and understanding how fraud occurs and can be prevented and detected is becoming a necessity for business operations. Business professionals need to have an understanding of the IT governance issues, be familiar with risk management, fraud detection and prevention, gathering evidence and have an understanding of legal issues that are associated with the forensic accounting role, including participation in a mock trial.

AYB200 Financial Accounting

Pre-requisites	BSB110 or CTB110
Equivalents	AYB121, AYX200
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

Financial Accounting examines the accounting concepts and procedures for the preparation of external financial reports relevant to corporate structures within the context of the Australian accounting profession's conceptual framework, the relevant accounting standards, and Corporations Law requirements. Topics include: an introduction to the international regulatory environment and the conceptual framework underlying international accounting standards; financial reporting requirements for companies such as; accounting for leases; and the professional role of accountants.

AYB205 Law of Business Entities

Pre-requisites	BSB111 or CTB111
Anti-requisites	AYB223
Equivalents	AYB305
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit looks at the various types of business entities that exist in Australia today and laws applicable to these entities. The unit will also take into account consideration of a range of issues affecting these legal entities, such as capital raising and finance, taxation, accounting, audit and statutory requirements under the relevant Acts and legislation.

AYB219 Taxation Law

Pre-requisites	BSB111
Anti-requisites	LWB364
Equivalents	AYX219
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit introduces students to the statutory framework of the Australian taxation system. Elements in the determination of taxable income and the levy of income tax are examined including general and specific categories of assessable income and allowable deductions, capital gains tax and administration aspects of the tax system. The taxation of fringe benefits is also examined. The unit also provides a brief overview of the taxation of partnerships, trusts and companies and an overview of

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the goods and services tax. Emphasis is placed on developing students' skills in problem solving through research and analysis of taxation issues.

AYB221 Accounting Systems and Technologies

Pre-requisites	BSB110 or CTB110
Anti-requisites	AYN443
Equivalents	AYX221
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit provides an examination of the concepts, processes and issues relevant to accounting information systems including: design and development of accounting information systems including general ledger and reporting cycle, revenue cycle, expenditure cycle and payroll cycle; internal controls; computer fraud, security and crime; accessing accounting information; and accounting in an electronic environment. Practical application of these concepts is enhanced by the use of accounting related software.

AYB225 Management Accounting

Pre-requisites	BSB110 or CTB110
Equivalents	AYX225
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit introduces students to accounting systems and techniques that provide management at all levels with information for use in planning, controlling and decision making. This can be contrasted with financial accounting, which provides summary financial information principally for external users (i.e. shareholders, creditors, banks, etc). The unit covers a range of accounting systems where the principles and concepts used to develop such systems can be applied to both manufacturing and service organisations.

AYB227 International Accounting

Pre-requisites	BSB110 or CTB110, and
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	BSB119 or CTB119
Equivalents	AYX227
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

International Accounting is designed to provide students with an insight into, and an appreciation of, many of the financial accounting and reporting issues faced in an international business environment. Issues examined include: comparative, financial, international accounting systems and practices; cultural influences on financial accounting and reporting policies and practices; comparative international analysis of international, foreign, financial statements; international foreign currency transactions and hedging; international corporate social responsibility (sustainability) reporting and comparative international auditing and taxation issues in the twenty-first century. The unit also examines the impact of international harmonisation of financial accounting and reporting standards on multinational corporations and the investment communities worldwide.

AYB230 Corporations Law

Pre-requisites	BSB111 or CTB111
Anti-requisites	LWB334
Equivalents	AYX230
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The unit is intended to equip students with a basic understanding and knowledge relevant to the environment of legal entities, particularly corporations. It also seeks to provide students with sufficient basic understanding of the legal structure of business associations to enable them to recognise the appropriate structure for particular commercial situations.

AYB232 Financial Services Regulation and Law

Pre-requisites	BSB111
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This subject looks at the laws and regulations applicable to corporate

securities and financial services in Australia, examines disclosure obligations for financial products and services, ASX listing rules, takeovers, and market misconduct rules.

AYB240 Superannuation Regulation and Practice

Pre-requisites	BSB110 or CTB110, and BSB111 or CTB111
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces students to the Australian superannuation system and the regulatory framework under which it operates. The unit aims to develop students' knowledge and understanding of the superannuation system to equip graduates seeking career opportunities in the superannuation industry, or other areas of business dealing with superannuation-related matters affecting organisations and/or individuals.

AYB250 Personal Financial Planning

Pre-requisites	BSB111 and BSB110 and EFB210. EFB210 can be enrolled in the same teaching period
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides a broad overview of all aspects of financial planning. Frequent changes by governments to the taxation and superannuation laws has seen an increase in the need for financial advice, and both CPA and CAANZ now offer a Financial Planning specialisation. The unit covers wealth creation, debt management, taxation strategies, retirement planning, and estate planning. Students with an interest in becoming a financial planner, or even those with a personal interest in financial planning, will benefit from this unit.

AYB301 Audit and Assurance

Pre-requisites	(AYB221 or INB120) and (AYB340 or AYB220)
Equivalents	AYX301
Credit Points	12

Units

Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

This unit enables students to comprehend the key concepts of auditing as a discipline, to demonstrate the relationship between auditing and the systems of accountability and to demonstrate the differences between manual and EDP audit processes. The unit builds on the knowledge of accounting and accounting standards acquired in prior units by enabling students to understand in detail the audit process (including professional auditing standards and techniques) which leads to the auditor providing an opinion on the financial reports of various types of entities. Ethics and auditor's liability are also covered.

AYB311 Financial Accounting Issues

Pre-requisites	AYB340 or AYB220
Equivalents	AYX311
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit examines accounting theories and reporting practices adopted in the financial statements of reporting entities, focusing on publicly listed companies that communicate information to meet the decision making needs of external parties. Emphasis is placed on developing an understanding of, and the ability to critically evaluate, how regulatory requirements and incentives affect financial reporting. The unit overviews the different governance models of corporations and relates them to their financial reporting environment. Touching on accounting theories and their evolution, it seeks to explain accounting choices made by managers. This framework provides a basis for examining specific accounting issues with an emphasis on both the application of specific accounting measurement models (historic cost versus fair value) or regulatory provisions (continuous disclosure requirements). The unit concludes by analysing some of the most recurrent issues of debate in the international arena.

AYB320 Advanced Taxation Law

Pre-requisites	AYB219 or AYB325
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit examines the principles governing the taxation treatment of various business entities including partnerships, trusts, companies and superannuation funds from a domestic and international perspective. The unit provides students with an understanding of other considerations which affect the choice of an appropriate business structure from a taxation perspective, including rollover relief and the CGT small business concessions, the importance of legitimate tax planning and the distinction between tax avoidance and tax evasion and some of the more simple aspects of international taxation between Australia and its major trading partners. The unit also covers an analysis of the GST, a review of types of supplies under the Act and the concept of creditable acquisitions. Specific issues such as the GST implications of real property, the margin scheme, GST planning strategies and the GST avoidance provisions are also covered.

AYB321 Strategic Management Accounting

Pre-requisites	AYB225
Equivalents	AYX321
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

AYB321 Strategic Management Accounting develops a holistic view of organisations, strategy and management accounting. This unit aims to provide students with an in-depth understanding of various management accounting tools and techniques that can be designed to support strategy. It builds on the technical knowledge gained in AYB225 Management Accounting by taking a more strategic orientation to the application of these techniques to aid in managerial decision-making. It will enable students to examine many of the current issues in management accounting and consider the skills and competences that management accountants should develop to stay competitive.

AYB338 Accountancy Work Placement

Other requisites	An application, interview and subsequent approval by the unit coordinator is required to enrol, in addition to the completion of AYB200 & AYB221 & AYB219 OR other units approved by the Subject Area Coordinator.
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit fosters learning through work related experience. Students will be given the opportunity to experience work that is performed by accountants and will enable them to more effectively learn and practice accounting discipline knowledge and graduate capabilities. For additional important information about this unit please refer to the current unit outline.

AYB339 Accountancy Capstone

Pre-requisites	192 credit points must be completed prior to enrolling in this unit including successful completion of AYB340 Company Accounting
Equivalent s	AYX339
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Accountancy Capstone co-ordinates several parts of the accountancy degree that have already been studied by students. At the same time some new concepts are introduced for each topic. The unit attempts to simulate the real world where the professional advisor/consultant is confronted with unstructured multi-disciplined problems on a day-to-day basis. AYB339 takes a very practical, hands-on approach with students working together in groups of between four and five discussing and solving simulated real-world client problems. Throughout the unit, students take on the persona of a professional advisor/consultant. The teaching staff will take on the role of the client. Based on a

Units

problem-based learning (PBL) methodology, students will learn the process of how to deal with the real-world accounting problems that graduates would typically be expected to encounter in their first year working within a public accounting firm. These problems require students to work together in teams, research issues, gather information and form conclusions.

AYB340 Company Accounting

Pre-requisites	AYB200 or AYB121
Equivalents	AYX340
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

This unit includes: an overview of the statutory requirements that dictate the format and content of published financial reports of companies; the requirements of the Corporations Act 2001 and various disclosure orientated accounting standards; accounting for income tax; accounting for the acquisition of assets (including entities); the preparation of consolidated financial statements; accounting for investments in associates; segment reporting; the translation of the results of foreign operations; and liquidation.

AYB341 Forensic and Business Intelligence

Pre-requisites	AYB114
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit focuses on providing skills in forensic and business intelligence through the use of SAS technologies. The unit assists students to analyse large data sources and report their findings to assist managerial decision making. Forensic and business intelligence issues and corporate decision making processes are emphasised. This unit provides students with an important skill base in supporting corporate decision making and investigation in a business environment.

AYN411 Audit and Assurance Services

Pre-requisites	AYN416
Credit Points	12

Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

Topics in this unit include: the audit environment; legal liability of auditors; professional ethics; the study and evaluation of audit planning and programming, evidence, internal control theory and review techniques; audit program applications; audit in CIS environment and evaluation of CIS controls; computer-assisted audit techniques; computer fraud; audit sampling techniques; audit reporting.

AYN414 Cost and Management Accounting

Pre-requisites	AYN416 Can be enrolled in the same teaching period.
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit introduces students to techniques that provide management at all levels with information for use in inventory valuation, planning, controlling and decision-making. The unit's major focus is on product costing systems for manufacturing firms.

AYN415 External Reporting Issues

Pre-requisites	AYN417 and AYN418
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

External reporting issues integrates the technical skills developed in prior financial accounting units by considering the issues relating to the application of accounting techniques, within an economic and conceptual framework. The aim of this unit is to expose students to a number of contemporary issues in external reporting.

AYN416 Financial Accounting Processes

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit provides an introduction to financial accounting within the context of the accounting profession's conceptual framework, relevant accounting standards and the requirements of the Corporations Law. Topics include: the accounting cycle for both service and merchandising entities, the preparation of general purpose financial reports, cash management and control, non-current assets and statement of cash flows.

AYN417 Corporate Accounting

Pre-requisites	AYN416
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit examines the life cycle of a corporate entity and investigates accounting issues relating to the registration, funding, expansion and termination of a corporate entity. It covers an overview of the statutory requirements of the Corporations Act 2001 relating to the registration of a company; an overview of the statutory requirements that dictate the format and content of published financial reports of companies; the requirements of the Corporations Act 2001 and the major disclosure orientated accounting standards; accounting for income tax; accounting for the acquisition of assets (including business entities); accounting for investments in associates and joint venture arrangements; and accounting for business combinations including the preparation of consolidated financial statements. The unit also examines the statutory requirements that dictate the termination of a company's life and the accounting procedures necessitated by winding up/liquidation.

AYN418 Advanced Financial Accounting

Pre-requisites	AYN416
Credit Points	12
Campus	Gardens Point and

Units

	External
Availabilities	Gardens Point - SEM-1, SEM-2
	External - SEM-1, SEM-2

This unit introduces students to the concepts and theories that underlie financial reporting and disclosure practices. The regulatory environment and factors influencing accounting policy choices provide a framework for examining the financial effects and behavioural implications of applying different accounting methods to specific accounting issues. Particular emphasis is placed on both the application of specific accounting techniques/rules and the conceptual/theoretical issues associated with alternative accounting methods.

AYN424 Accountability of Transnational Corporations

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit is designed to provide students with an insight into, and an appreciation of, many of the financial accounting, reporting, disclosure and enforcement issues faced by global corporations in an international business environment. Using current international business cases, articles and reports, this unit examines issues including: international, financial accounting systems in the global environment; international patterns of accounting diversity including cultural influences on external, financial accounting and reporting; comparative international accounting systems and practices across major cultural groupings; the pressures for international accounting convergence which is now taking place in more than 120 countries; international disclosure and enforcement trends; international corporate social responsibility reporting; international financial analysis of foreign financial statements; and business issues into the twenty-first century such as global corporate governance and international taxation.

AYN426 International Capital Markets Law and Regulation

Pre-requisites	AYN410 or AYN456 or (GSN412 and GSN472)
Credit Points	12
Campus	Gardens Point

Availabilities	Gardens Point - SEM-1
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This unit focuses on the regulation of global capital markets. The material covered is broad-based and includes the history, philosophy and economics of capital markets and the regulatory models used by governments. The Global Financial Crisis is reviewed in depth including a review of some of the firms seriously affected by the GFC. Applied capital market regulation is discussed in the context of margin lending, documentary credits and international debt factoring. The Australian Prudential System is discussed in relation to systems in other economies. The Australian Corporations Act is used to provide a foundation in corporate law and regulation for comparison with other regulatory environments. The unit also covers corporate misfeasance; the fundamentals of the Principal-Agent problem; an introduction to the major regulators in the global environment; and the regulation of financial instruments.

AYN433 Research Topics in Accounting

Pre-requisites	AYN417 and AYN418
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit encompasses contemporary accounting research in financial accounting, management accounting, auditing and corporate governance. It looks at the key theories and research methodologies applied in accounting and prepares students to complete their proposed research topic. Students are engaged in the systematic reading and critical review of academic and professional contemporary accounting literature. They will review a range of theories and research approaches applied in the accounting field and identify potential topics and research questions requiring investigation. They will also develop an appropriate research design to address a research question.

AYN438 Taxation Law and Practice

Pre-requisites	AYN456
Credit Points	12
Campus	Gardens Point and External

Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2
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This unit introduces students to the statutory framework of the Australian taxation system. Elements in the determination of taxable income and the levying of income tax are examined including general and specific categories of assessable income and allowable deductions, capital gains tax and administration aspects of the tax system. The taxation of fringe benefits is also examined. The unit also provides a brief overview of the taxation of partnerships, trusts and companies and an overview of the goods and services tax. Emphasis is placed on developing students' skills in problem solving through research and analysis of taxation issues.

AYN443 Accounting Information Systems and Analytics

Pre-requisites	AYN416
Anti-requisites	AYB221, AYN402
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit examines the concepts, processes and issues relevant to computerised accounting information systems (AIS) including: AIS themselves; risk management; internal controls; acquisition of AIS; reliable systems: how AIS fit into Corporate IT systems; and big data/ analytics in the accounting field. Practical application of these concepts is enhanced by the use of accounting software, spreadsheet software and database software.

AYN453 Forensic Accounting and Data Analytics

Pre-requisites	AYN443
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

As a result of having to make increasing numbers of urgent, strategic, high-risk decisions, management need more than just information to assist them. This unit focuses on providing skills in forensic accounting and data analysis through the

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use of advanced MS Access, MS Excel and SAS Enterprise Guide to mine and analyse data sets to assist managerial decision making and aid in fraud detection. Applications for financial forensics and business intelligence are emphasised. Elements of fraud theory, business analytics and forensic accounting theory will also feature in this unit.

AYN454 Fraud and Investigation

Pre-requisites	AYN417 and AYN418
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The unit is designed to provide students with an understanding of the risks of fraud or corporate failure occurring and an appreciation for the subsequent forensic review processes. An understanding of control environments and their adequacies and inadequacies should also be derived.

AYN456 Business and Corporations Law

Equivalents	AYX456
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit will introduce students to the Australian legal environment and develop students' knowledge and understanding of the basic principles of business law and the Australian corporations legislation. Students will be encouraged to develop their research and analytical skills relevant to contemporary business and corporate practice.

AYN460 Accountancy Work Placement

Other requisites	An application, interview and subsequent approval by the Unit Coordinator is required to enrol in this unit. In addition to completion of the following units: AYN417 & AYN418.
Assumed Knowledge	null

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit fosters learning through work related experience. Students will be given the opportunity to experience the work that is performed by accountants which will enable them to more effectively learn and practice accounting discipline knowledge and graduate capabilities. Admission to this unit is by application and subsequent approval by the unit coordinator. For additional important information about this unit please refer to the current unit outline.

AYN505 Financial Analysis and Business Valuation

Pre-requisites	AYN417 and AYN418 and EFN406
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit is about the analysis of financial information arising primarily from the financial reports of entities. Fundamental analysis techniques are examined in detail with particular emphasis on the application of these techniques in equity (share) valuation decisions. The unit comprises three related parts. Part One outlines the four basic steps in the fundamental analysis framework: business analysis, accounting analysis, financial analysis and prospective analysis. Part Two combines these skills in addressing the question of valuation, while Part Three applies the skills in several different contexts, such as credit analysis, security analysis, mergers and acquisitions and financial policy decisions.

AYN506 Accounting for Strategic Decision Making

Pre-requisites	AYN414 and AYN417
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Strategic Management Accounting develops a holistic view of organisations, strategy and management control. The unit prepares students for the real world

of unstructured problem-solving and aims to build their practical knowledge and skills as future strategic leaders. In this unit students take on the role of a senior manager to actively understand how organisation's effectively formulate and implement strategy using business case studies aimed at broadening the skills and abilities of strategic management accountants. Topics include: organisations and making strategy, implementing strategy through the management of control systems; forecasting, internationalisation, social and environmental management accounting and strategic leadership.

AYN520 Integrated Issues in Professional Practice

Pre-requisites	AYN417 and AYN438. AYN438 can be studied in the same teaching period as AYN520
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The Accountancy profession has repeatedly stressed the need for accounting university graduates to be 'work ready' and able to deal with and solve unstructured, multi-disciplined problems. This unit is a deliberate attempt to address this concern for students who enter the accounting profession through the Master of Business (Professional Accounting) course and enables students in the Master of Business (Accounting) course to further develop their team work, research and problem-solving skills using problem-based learning (PBL). The unit simulates issues faced by a professional advisor/consultant by presenting students with simulated real world problems. The 'real world' focus of the unit ties strategically into QUT's charter and provides our students with a potential advantage in seeking employment.

AYX200 Financial Accounting (Outbound Exchange)

Equivalents	AYB200
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AYX219 Taxation Law (Outbound Exchange)

Equivalents	AYB219
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AYX221 Accounting Systems and Technologies (Outbound Exchange)

Pre-requisites	BSB110 or CTB110
Anti-requisites	AYN443
Equivalents	AYB221
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AYX225 Management Accounting (Outbound Exchange)

Equivalents	AYB225
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AYX227 International Accounting (Outbound Exchange)

Equivalents	AYB227
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AYX230 Corporations Law (Outbound Exchange)

Pre-requisites	BSB111 or CTB111
Equivalents	AYB230
Credit Points	12
Campus	External
Availabilities	External

- XCH-2

AYX250 Personal Financial Planning (Outbound Exchange)

Pre-requisites	(BSB111 or CTB111) and (BSB110 or CTB110) and EFB210. EFB210 can be enrolled in the same teaching period.
Anti-requisites	AYB335, EFB230, EFB339
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AYX301 Audit and Assurance (Outbound Exchange)

Equivalents	AYB301
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AYX311 Financial Accounting Issues (Outbound Exchange)

Equivalents	AYB311
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AYX321 Strategic Management Accounting (Outbound Exchange)

Pre-requisites	AYB225
Equivalents	AYB321
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AYX340 Company Accounting (Outbound Exchange)

Equivalents	AYB340
Credit Points	12
Campus	EXCHANGE

	and External
Availabilities	External - XCH-1, XCH-2

AYX424 International Accounting (Outbound Exchange)

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

AYX456 Business and Corporations Law (Outbound Exchange)

Anti-requisites	AYN410 and AYN412
Equivalents	AYN456
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

BEB110 Organising and Managing Project Team

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The unit focus is on the dynamics of managing and organising project teams involved in delivering built environment, engineering or infrastructure projects. Recent literature has identified the need for managers and leaders to acquire knowledge in the areas of self management and the management of others to contribute to project effectiveness. You will be introduced to key managerial and human resource theories to assist in the development of analytical and interpretive skills to enable you to proactively and effectively lead project teams.

BEB111 Managing Project Quality

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point

Units

- SEM-1

This unit is one of four within the BEE minor in Project Collaboration and is designed to provide you with appropriate knowledge and skills needed for your involvement in delivering projects in professional organisations in the public and private sectors, by ensuring that the achieved project quality outcomes accord with client requirements and satisfy customer expectations.

BEB112 Principles of Project Management

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Project Management is the overall planning, control and coordination of a project, from inception to completion, aimed at meeting a client's requirements in order that the project will be completed on time within authorized cost and to the required quality standards. The aim of this unit is to provide the key concepts and foundation knowledge in project management, and to describe, clarify, and formalise project management process.

BEB113 Managing Project Cost

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Cost is a major metric of a successful project management. This unit introduces the process of managing project cost which includes planning, estimating, budgeting, and controlling costs so that the project can be completed within the approved budget.

BEB114 Project Financing

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Project is growing in complexity and size. Many projects never get off the ground due to insufficient financing. It is therefore necessary for project managers to know the sources and cost of project funds in order to package a financially viable project for approval. This unit introduces capital budgeting, project finance, and risk analysis. It covers the capital

allocation framework, project cash flows, cost of capital, financial risk analysis, and how various types of projects are financed.

BEB801 Project 1

Equivalents	CEB411, CEB420, CNB434, EEB781-1, EEB889-1
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit is usually taken in the final year of study. Students complete an individual project involving the application of skills and knowledge attained during the earlier years of their degree program. For some students, this unit will be taken one of two 'project' units related to the same student project; in such cases this unit may be a pre-requisite or co-requisite to the second unit (or a follow-on from the first unit). The final 'deliverable' for this unit may vary for each discipline and details will be provided in lectures/tutorials and on the Blackboard website.

BEB802 Project 2

Equivalents	CEB415, EEB782-2, EEB889-2
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit is usually taken in the final year of study, and is only taken by students completing a two unit project. Students complete an individual project involving the application of skills and knowledge attained during the earlier years of their degree program. This unit will be taken as the second of two 'project' units related to the same student project.

BEB806 Project 1

Equivalents	CEB411, CEB420, CNB434, EEB781-1, EEB889-1
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit is usually taken in the final year of study. Students complete an individual project involving the application of skills and knowledge attained during the earlier years of their degree program. For some

students, this unit will be taken one of two 'project' units related to the same student project; in such cases this unit may be a pre-requisite or co-requisite to the second unit (or a follow-on from the first unit). The final 'deliverable' for this unit may vary for each discipline and details will be provided in lectures/tutorials and on the Blackboard website.

BEB807 Project 2

Equivalents	CEB415, EEB782-2, EEB889-2
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit is usually taken in the final year of study, and is only taken by students completing a two unit project. Students complete an individual project involving the application of skills and knowledge attained during the earlier years of their degree program. This unit will be taken as the second of two 'project' units related to the same student project.

BEZ910 Integrated Project

Credit Points	12
Campus	Gardens Point and External
Availabilities	External - SEM-1, SEM-2

Problems that confront professionals are ill-defined and complex. The ability to define a problem, and collect and analyse relevant information using appropriate research methods is essential to professional practice. From a learning perspective, one of the most effective ways of achieving this is to consolidate and extend previously gained skills through an activity that is relevant to industry and, where possible, is associated with a specific workplace.

BSB110 Accounting

Anti-requisites	CNB293, UDB342
Equivalents	BSD110, BSX110, CTB110
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

Accounting data is the basis for decision making in any organisation. Accordingly, the aim of this unit is to provide students

Units

with a basic level of knowledge of modern financial and managerial accounting theory and practice so that they can understand how accounting data is used to help make decisions in organisations. The unit covers financial procedures and reporting for business entities, analysis and interpretation of financial statements and planning, control and business decision making.

BSB111 Business Law and Ethics

Anti-requisites	AYB120, LLB101, LLB202, LWB136, LWB145, LWS012, UDB102
Equivalents	BSX111, BSD111
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

This unit integrates the concepts and principles of business law with the theories and applications of business ethics. The unit makes extensive use of cases in law and ethics to develop knowledge and skills that enable students to analyse, apply and evaluate the legal principles and ethical decision-making processes relevant to modern business practice.

BSB113 Economics

Equivalents	BSD113, BSX113, CTB113, UDB104
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

This unit introduces students to the key economic concepts and their practical applications. It comprises twelve topics each focusing on a current economic issue. Microeconomic topics include demand and supply, elasticity, production and cost theory and market structure. Macroeconomic topics include measuring GDP, inflation and unemployment, money and banking, and fiscal and monetary policy.

BSB115 Management

Equivalents	BSD115, BSX115
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point

- SEM-1, SEM-2, SUM-1

The unit provides an introduction to the theories and practice of management and organisations. Emphasis is on the conceptual and people skills that are needed in all areas of management and organisational life. The unit acknowledges that organisations exist in an increasingly competitive environment where the emphasis will be on knowledge, the ability to learn, to change and to innovate. Organisations are viewed from individual, group, corporate and external environmental perspectives.

BSB119 Global Business

Anti-requisites	BSB116, BSB112
Equivalents	BSD119, BSX119, CTB119
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

This unit examines the drivers of globalisation and the diversity of country markets at an introductory level. It develops the skills and understanding needed to identify and respond to the opportunities, challenges and risks of conducting business across politically, economically and culturally diverse environments. An authentic country analysis study is undertaken to help identify where a firm can find opportunities both in terms of actual and potential markets and the location for value-adding activities. The unit aims for students to develop a comprehension of the nature and role of globalisation and the drivers of international business, knowledge of the competitive forces and challenges confronting all business as a consequence of globalisation processes and an awareness of the additional knowledge and skills required of management to operate business internationally across a diversity of environments in an ethical, legal and sustainable manner.

BSB123 Data Analysis

Anti-requisites	BSB122, CTB122, EFB101, LQB284, MAB101, MAB141, MAB233, MXB101, MXB107
Equivalents	BSX123, PYB110
Credit Points	12
Campus	Gardens Point

Availabilities **Gardens Point**
- SEM-1, SEM-2, SUM

The ability to collect, analyse, manipulate, understand and report data is an important skill in any work environment. This is particularly true in business where learning to deal with randomness, variation and uncertainty is a vital skill for anyone intending to apply their knowledge. This unit is designed to ensure that students gain the basic tools necessary to allow them to develop this skill. Students will also gain an introduction to many of the quantitative techniques which will be used throughout their further studies in their chosen discipline.

BSB126 Marketing

Anti-requisites	BSB116
Equivalents	BSD126, BSX126, CTB126
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

BSB126 Marketing is an introductory unit that examines the role and importance of marketing to the contemporary organisation. Emphasis is placed on understanding the basic principles and practices of marketing such as the marketing concept, market segmentation, customer value and consumer behaviour. The unit explores the various elements of the marketing mix, with special reference to product, price, distribution, and promotion, including advertising and public relations. By way of introduction only, key issues relating to services marketing, e-marketing and strategic marketing are also canvassed.

BSB303 Internship

Anti-requisites	MGB338
Other requisites	Subject to Unit Coordinator approval and 96 credit points of prior studies
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit offers a self-directed learning experience with the opportunity to utilise your discipline skills in problem definition, research and development of strategies for effective implementation. You will be

provided with guidance from the unit coordinator in the course of your project or placement, but you will have the main responsibility for achieving appropriate and relevant outcomes to meet the unit's requirements and the client's needs. Application of professional standards and ethical conduct in the project are to be maintained at all times.

BSB304 Project

Other requisites	Subject to Unit Coordinator approval and 96 credit points of prior studies.
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit involves a structured program of study focusing on a select topic or set of topics which you have identified as significant to your professional development in your discipline. You will develop an individually tailored learning contract. The specific program will be developed in conjunction with and approved by the Unit Coordinator. The unit is designed to provide valuable professional portfolio building through advanced level examination of content and the development of self-directed learning skills.

BSB305 NEXT Innovation Challenge

Other requisites	Places are limited. Students apply for a place in response to an expression of interest prior to the start of semester
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides an interdisciplinary, work integrated learning experience for students as they develop, research and pitch an innovative business idea within the national NEXT Innovation Challenge program. Working with industry mentors and subject matter experts from Deloitte and CSIRO, students will work through a program involving idea generation and refinement; research to explore the potential of ideas; skills to compile

convincing evidence to support thinking and skills to prepare a compelling investor pitch to a panel of experts. Students will strengthen key graduate capabilities including critical thinking, communication, teamwork and self-reflection and gain real world experience to help prepare them for the fast paced and challenging world of business.

BSB399 Real World Ready - Business Capstone

Pre-requisites	Completion of 192cp of study
Anti-requisites	BSB124
Equivalents	BSX124, BSD124
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

A key aspect of working in business is the ability to draw upon a range of professional skills including managing career and professional identity, communicating effectively with others, and leveraging the strengths of diverse teams to develop practical responses to contemporary business problems and opportunities. This capstone unit provides a platform for students to develop and refine these professional practice skills by integrating and extending knowledge and skills gained in earlier units. Students will develop a critical understanding of their professional strengths and limitations in working individually, with peers, and with industry professionals. Students will be guided by academics and industry coaches to apply the discipline knowledge and professional skills gained throughout their university studies to a real-world project for an industry client. By offering insight into the meanings of professionalism in the workplace, the unit creates a valuable launchpad for students at the completing phase of their undergraduate studies, as they transition from student to enterprising graduate.

BSD110 Accounting

Equivalents	BSB110
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

Accounting data is the basis for decision making in any organisation. Accordingly, the aim of this unit is to provide students

with a basic level of knowledge of modern financial and managerial accounting theory and practice so that they can understand how accounting data is used to help make decisions in organisations. The unit covers financial procedures and reporting for business entities, analysis and interpretation of financial statements and planning, control and business decision making.

BSD111 Business Law and Ethics

Anti-requisites	AYB120, LLB101, LLB202, LWB136, LWB145 and UDB102
Equivalents	BSB111
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP3

This unit integrates the concepts and principles of business law with the theories and applications of business ethics. The unit makes extensive use of cases in law and ethics to develop knowledge and skills that enable students to analyse, apply and evaluate the legal principles and ethical decision-making processes relevant to modern business practice.

BSD113 Economics

Anti-requisites	UDB104
Equivalents	BSB113
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

All economic questions arise because we want more than we can get. Wants are infinite and resources to achieve those wants are scarce. Economics is the study of how best to use and distribute scarce resources to meet our needs and wants. Economists look at how people make decisions and the interaction of individuals in markets as a way of distributing those scarce resources. Sometimes markets work and sometimes they do not. Economics examines the role of government in either obstructing or improving market outcomes and the effect of those decisions on the well being of society. Economics also studies the economy as a whole and key topics include economic growth, inflation, unemployment and international trade. In studying these issues economists can understand how to manage the economy

Units

for the good of its citizens.

BSD115 Management

Equivalents	BSB115
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

An ability to understand the basic functions of management and apply that knowledge to contemporary practice is a key aspect of developing competent business professionals with the skills necessary to become informed and effective managers. The unit provides practical insight into current business issues and practices and provides a solid foundation for students who wish to further their studies in business and management or who simply wish to understand more thoroughly the role of organisations within society. The aims of this unit are to develop a basic and applied understanding of key concepts and theories in management and to develop practical skills in problem solving and effective communication in an intercultural context.

BSD119 Global Business

Equivalents	BSB119
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

'Globalisation' is the development of interdependency among organisations and individuals in different country markets. The development of skills and understanding to identify and respond to the opportunities, challenges and risks of conducting business across politically, economically and culturally diverse environments is important for individuals and businesses to succeed in this dynamic globalised business environment.

BSD124 Working in Business

Anti-requisites	BSB124
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2

Management is a professional practice and a key aspect of working in business is the ability to draw upon a range of

management skills including self-awareness, interpersonal effectiveness and communication. The unit provides a platform for the development of these skills by helping students to reflect on their own competencies, preferences and career options. By offering insight into the meanings of professionalism in the workplace the unit creates a solid foundation for students who wish to go on and develop their studies in business or simply wish to understand more thoroughly areas for personal and professional development. The aims of this unit are to develop an understanding of the skills required to work effectively in a professional business environment.

BSD126 Marketing

Equivalents	BSB126
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

In order for business to operate successfully and profitably in today's competitive marketplace, its practitioners will need to be conversant with various marketing principles and concepts. More and more firms are finding that survival and growth depends very much on understanding customer needs, as well as the marketing environment in which they compete/operate. This unit introduces students to the key foundation principles of marketing, marketing strategies and tactics in order to adapt and respond to a continuously changing marketplace. To introduce students to the basic concepts of the related disciplines of advertising, marketing and public relations and how they relate to the wants and needs of consumers. To develop the communication skills of students and develop an appreciation of the role of communication in business.

BSN005 Introduction to Academic Research

Other requisites	Subject to Course Coordinator Approval: 240 credit points of UG study with a GPA of 5.5>; pre-approval of Course Coordinator; subject to supervisor availability and completion of an agreed learning contract.
Assumed Knowledge	null
Credit	12

Points	
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

BSN404 Project 1

Anti-requisites	MKN101, MKN102, MKN103
Equivalents	BSX404
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

This unit is designed to permit the student to undertake an independent project, subject to the approval of the relevant Study Area Coordinator.

BSN405 Project 2

Anti-requisites	MKN101, MKN102, MKN104
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

This unit is designed to permit the student to undertake an independent project, subject to the approval of the relevant Study Area Coordinator.

BSN406 Project 3

Equivalents	BSX406
Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

This unit is designed to permit the student to undertake a 24 credit point independent project, subject to the approval of the relevant Study Area Coordinator.

BSN409 Research Project

Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

BSN412 Qualitative Research and Analytical Techniques

Anti-requisites	CON500
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Units

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides a detailed overview of qualitative research to support decision-making in business disciplines. The primary purpose of this unit is to develop a detailed understanding of a range of practical approaches to qualitative research data collection and analysis techniques. Students develop the ability to analyse, conduct, and write up qualitative research in discipline areas related to accounting, business, management, marketing, and related disciplines. The unit provides a basic preparation for conducting data collection and analysis as part of a thesis or dissertation.

BSN414 Quantitative Research Methods

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Quantitative Research Methods is a postgraduate unit designed to introduce students to a range of quantitative research methods and their application to different research questions and types of quantitative data. Throughout the unit, students will be exposed to a wide range of quantitative research issues including survey and index development, factor analysis, multiple regression, experimental data collection and analysis, ANOVA and MANOVA, structural models, secondary data collection and analysis, and longitudinal data analysis. Each lecture will be conducted in computer laboratories to allow students the opportunity to develop their quantitative research skills using SPSS and AMOS with data provided by lecturers.

BSN421 Work Integrated Learning Project

Pre-requisites	Completion of 96cp of previous study of Business postgraduate units
Anti-requisites	BSN420
Other requisites	To ensure effective engagement with industry and community partners, enrolment numbers in BSN421 are capped, and

	currently only internal students can enrol. Enrolment is by application, with a call for applications distributed in preceding semester. Grade Point Average (GPA) of 5.0 or higher.
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This Work Integrated Learning (WIL) unit provides students with the opportunity to integrate and apply knowledge and skills gained across core business disciplines to address real world issues and problems. This experiential learning allows them to explore the efficacy, assumptions and limitations of discipline theory and to extend their knowledge and skills through application to complex, real world situations where problems are often ill-defined, information is often incomplete and stakeholders present diverse issues to be managed. It is designed to strengthen key graduate capabilities including critical thinking, communication, teamwork and self-reflection.

BSN501 Dissertation

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

BSN501 Dissertation

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

BSN501 Dissertation

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

BSN501 Dissertation

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point

	- SEM-1, SEM-2
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BSN502 Research Methodology

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The purpose of this unit is to provide students with knowledge and skills that enable them to understand, evaluate and conduct research in business-related discipline areas. The unit provides essential and basic preparation for the development of a thesis or dissertation proposal. Areas of study include research paradigms, ethics and impact; the principles of sampling and measurement; and techniques related to a range of specific methodological approaches including experiments, surveys, interviews, focus groups, case studies and documentary methods.

BSN503 Research Seminar

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

In this unit, students prepare a detailed literature review and research proposal relevant to their thesis topic. The unit provides a series of lectures and learning activities advising as to the requirements of a thorough, well-directed literature review and research proposal, with a strong emphasis on opportunities for students to discuss and present their progress throughout the semester.

BSX110 Accounting (Outbound Exchange)

Equivalents	BSB110
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

BSX111 Business Law and Ethics (Outbound Exchange)

Equivalents	BSB111
Credit Points	12
Campus	EXCHANGE and External

Units

Availabilities	External - XCH-1, XCH-2
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BSX113 Economics (Outbound Exchange)

Equivalents	BSB113
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

BSX115 Management (Outbound Exchange)

Equivalents	BSB115
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

BSX119 Global Business (Outbound Exchange)

Equivalents	BSB119
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

BSX123 Data Analysis (Outbound Exchange)

Equivalents	BSB123
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

BSX124 Working in Business (Outbound Exchange)

Equivalents	BSB124
Credit Points	12
Campus	External
Availabilities	External - XCH-1

BSX126 Marketing (Outbound Exchange)

Equivalents	BSB126
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

BSX404 Project 1 (Outbound Exchange)

Anti-requisites	MKN101, MKN102, MKN103
Equivalents	BSN404
Credit Points	12
Campus	External
Availabilities	External - XCH-1

BSX406 Project 3 (Outbound Exchange)

Equivalents	BSN406
Credit Points	24
Campus	External
Availabilities	External - XCH-1

BVB101 Foundations of Biology

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Biology is the study of living things. But what is "living"? Cells are considered the basic structural unit of life, existing in diverse forms from simple single-celled microbes to complex multicellular organisms such as plants and animals. Using collaborative approaches in workshops and the laboratory you will investigate the diverse nature of cells and consider how they are built and powered and how they interact and reproduce. You will use the concepts developed in this unit to discuss more complex questions such as "are viruses alive" and "can we synthesise life"?

BVB102 Evolution

Anti-requisites	NQB422
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens

Point	- SEM-2
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This unit introduces you to the concepts of genetics and evolution and how they underpin all biological sciences. The unit focuses on how genetic variation and evolutionary processes, explain patterns of biological diversity. It develops a contextual framework for a broad understanding of Plant (BVB203), Animal Biology (BVB301) and Ecology (BVB204).

BVB201 Biological Processes

Pre-requisites	BVB101 or SCB112
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

An understanding of processes which occur at the cellular level is fundamental to all aspects of biology. Using a combination of theoretical and laboratory-based approaches to enquiry you will explore the biochemical pathways and processes that facilitate biological function and the genetic mechanisms that control them.

BVB202 Experimental Design and Quantitative Methods

Pre-requisites	SEB113 or MAB101 or MAB141 or MXB101
Equivalents	NQB421
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The design, analysis and interpretation of experiments are critical skills in biology. Biological and environmental systems are often characterised by high variability and so specific approaches of observation, experimentation and analysis are required. Experimental Design and Quantitative Methods provides you with an introduction to foundational skills that are essential for the effective design, analysis and interpretation of experiments.

BVB203 Plant Biology

Pre-requisites	BVB101 and BVB102
Credit Points	12
Campus	Gardens Point

Units

Availabilities

Gardens Point
- SEM-2

This unit builds on earlier units to develop a deeper understanding of plant biology. Topics covered will include an in-depth examination of plant structure and physiology, including anatomy and morphology (e.g. cells, tissue and organs; growth, development and morphogenesis); photosynthesis and productivity (C3, C4, CAM); transport and mineral nutrition; reproduction; plant hormones and responses to stimuli. Practicals will build on these broad areas with an emphasis on hands-on learning and experimentation.

BVB204 Ecology

Pre-requisites	BVB101 or BVB102 or EVB102 or SCB112
Equivalent	NQB321
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Ecology is the study of the factors and interactions that influence the distribution and abundance of organisms. It is a key component of biology and is central to managing species and ecosystems. This unit examines the major concepts of ecology and develops the conceptual foundation for later subjects in the biology major and minors.

BVB212 Drug Action

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides you with an introduction to the classification of bioactive compounds according to the various physiological systems they influence, such as the cardiovascular system, nervous system and respiratory system. The principles of drug action will be discussed, including the concepts of drug specificity, potency and efficacy. These principles will facilitate a basic understanding of toxicology, the development drug tolerance, addiction and withdrawal. The unit will be taught in the context human and veterinary medicine, as well as the use of drugs in sport, as poisons, or as food or environmental contaminants. The unit complements 'Drug Discovery and

Design' offered in the same semester.

BVB214 Vertebrate Life

Pre-requisites	BVB101 or BVB102 or EVB102 or SCB112
Equivalent	NQB423
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit examines the diversity and evolution of vertebrates. There is a focus on field- and lab-based identification and understanding of Australian vertebrates, set within the broader context of the global fauna, both extant and extinct. The unit encompasses various aspects of vertebrate life on planet earth: behaviour, phylogeny, physiology, morphology, taxonomy and management.

BVB221 Nature's Pharmacy

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Much of our current pharmacopoeia is derived from natural sources including plants, animals and bacteria. Using a collaborative approach in workshops and the laboratory, you will investigate the sources, uses and production of medicinally-active compounds of biological origin.

BVB225 Ecosystems and Biodiversity

Pre-requisites	BVB101 or BVB102 or EVB102
Anti-requisites	BVB223, BVB224
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides an introduction to biological diversity, focusing on super-diverse groups, such as fish, arthropods, fungi and flowering plants. There is a particular emphasis on Australian ecosystems and interactions between e.g. plants and animals, and how biological diversity is promoted, maintained and threatened across different environments. The unit will teach the evolutionary and

ecological underpinnings of biodiversity, and you will also learn biological collection and identification skills.

BVB301 Animal Biology

Pre-requisites	BVB101 or BVB214
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit builds on Foundations of Biology and Evolution, to develop an understanding of animal biology. Topics include a range of physiological systems, with a particular focus on respiration and transport, sensory systems and movement. The interaction between animals and society will also be explored. The unit will be delivered by intensive mode, involving a significant on-line component, plus four full days of intensive on-campus activities including workshops and laboratory classes.

BVB304 Integrative Biology

Pre-requisites	BVB202 and BVB203 and BVB301
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This Capstone unit requires you to think critically about an important problem in biological sciences and to integrate the knowledge gained through earlier units to provide an effective solution. You will conduct a research project, applying your knowledge of quantitative techniques and experimental design, to answer a specific challenge. Through critical analysis and reflection on your work and that of your peers, you will gain a deeper understanding of the scientific method and will become confident in applying it. The unit will provide a foundation for future Honours studies, or higher degree research.

BVB305 Microbiology and the Environment

Pre-requisites	BVB201
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Microbiology and the Environment will explore fundamental principals in the biology and ecology of microorganisms in the context of the environment, agriculture industry and research. You will deepen your understanding of the problems and challenges of modern scientific inquiry using a range of multidisciplinary perspectives. This unit links to the work previously undertaken in BVB201 Biological Processes.

BVB311 Conservation Biology

Pre-requisites	BVB204
Equivalents	NQB622
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The theory and practice of conservation biology is essential for maintaining viable populations of rare, threatened or endangered species and for maintaining essential ecosystem processes. In this unit, you will synthesise a diverse range of information including high quality scientific literature, apply field skills in biodiversity monitoring and prepare written reports that provide an incisive and decisive analysis of key conservation issues. Specific modules will train you to critically analyse the link, or lack of, between theory and application in current conservation management approaches.

BVB313 Population Genetics and Molecular Ecology

Pre-requisites	BVB204
Equivalents	NQB521
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Understanding the dispersal and movement of genes in populations is fundamental to the management of invasive species, the management of fisheries and wild resources and the conservation of rare species. This unit will provide the theoretical and practical training required for practicing ecologists to use genetic techniques in theoretical and applied settings. The skills learnt in this unit will be further developed in later units of both the Genetics and Genomics and Applied Ecology minors.

BVB317 Principles of Genomics and Biotechnology

Pre-requisites	BVB101
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Biotechnology describes the use of biological organisms to make products or to solve problems of importance to society. It is anticipated that biotechnology will provide solutions to emerging challenges facing humanity including food security, pest and disease management, quality of life as well as issues arising from climate change. This unit will provide you with an understanding of the fundamental principles that underpin biotechnology.

BVB321 Invasion Ecology

Pre-requisites	BVB202 and BVB204
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Invasive species and pests are globally recognised as a critical challenge to biodiversity and food security. With a primary focus on invasive and other pest organisms, Invasion Ecology will cover a range of topics that will provide you with knowledge essential for the effective understanding and management of these species in natural and human altered systems.

BVB328 Applications in Biotechnology

Pre-requisites	BVB317
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Biotechnology is the area of research and development using biological and cellular systems to produce many kinds of products that are used in different applications during everyday household living, at research institutions/organizations, as well as in different biotechnological companies and industries. Some specific examples of products and applications in Biotechnology include the use of yeast for dough rising (leavening) during bread

making, using yeast in the fermentation and production of alcohol, use of filamentous fungi to produce enzymes that hydrolyse woody biomass to fermentable sugars, use of enzymes in laundry detergents, use of bacteria or animal cell cultures to produce proteins/antibodies for diagnostic kits in disease monitoring and control, application of genetic manipulation, recombinant gene technology and biochemical pathway engineering to obtain better producing/performing microorganisms and animal cell cultures, drought/disease resistant and more nutritious plants, and much more.

BVB330 Evolutionary Genomics

Pre-requisites	BVB317
Anti-requisites	BVB314, BVB327
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Biological scientists are currently turning to genomic and phylogenetic approaches to explore biological diversity, improve agricultural practices, develop better drugs, understand the genetic basis of disease and manage endangered or invasive species. This unit showcases variation in genomic structure and function across life. You will also be introduced to analytical tools for database mining, gene discovery and genome exploration, which will provide an understanding of how genes interact with each other and the environment. You are apply theoretical knowledge to develop advanced data analysis skills, carry out genetics work in a laboratory and use data from active research programs to evaluate and analyse genomic and phylogenetic datasets to solve problems in the biological sciences.

BZB210 Biological Sciences

Anti-requisites	BVB101
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Cells are the basic structural unit of life. They exist in diverse forms from simple single-celled microbes to complex multicellular organisms such as plants and animals. In this unit you will investigate the diverse nature of cells and consider how they are built and powered

and how they interact and reproduce. You will extend these foundation concepts to examine more complex problems involving molecular biology, plant and animal biology, and ecology.

CAB201 Programming Principles

Pre-requisites	IFB104 or ITD104 or MZB126 or EGD126 or ENB246 or MXB103 or INB104 or MAB220
Anti-requisites	ITD121
Equivalents	INB270, IND270
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit gives you a positive introduction to modern programming concepts and techniques. The emphasis of the unit is to learn programming concepts and related problem-solving strategies through an exploratory problem based approach. Theoretical aspects of object oriented programming are covered in lectures, and through the textbook. You will be building abstractions with procedures, data and objects, thereby designing, coding and debugging programs of increasing complexity. The unit gives you the foundation for subsequent programming courses within the Computer Science major.

CAB202 Microprocessors and Digital Systems

Pre-requisites	((IFB104 or ITD104) and (IFB102 or INB102 or ITD102)) or ENB240 or MZB126 or EGD126
Equivalents	ENB244
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit introduces you to the components inside a computer and how these components work together. Modern digital electronic systems rely on embedded microcomputers in order to achieve the level of sophistication present in today's applications. The design and development of such systems requires knowledge of the hardware and software to program the system. This unit identifies these design requirements and lets you develop embedded microcontroller-based

system solutions. In particular, the unit covers computer instruction sets and the binary representation of information; an introduction to low-level programming in a command line environment; describes the processes that implement this relationship; provides practical experience through laboratory exercises which progressively expose features of a typical microprocessor; and explains how an embedded computer can interact with its environment (through the addition of I/O, sensors, actuators). The gives you a valuable foundation for further studies in areas such as robotics and networking.

CAB203 Discrete Structures

Pre-requisites	IFB104 or ITD104 or MZB126 or EGD126
Equivalents	INB250
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces you to basic mathematical principles which underlie all computing systems, thus giving you a deeper appreciation for the way computing technology works. All established technological disciplines have a sound theoretical foundation and Information Technology is no different. Discrete Structures concerns the branches of mathematics and the formalisms especially relevant to Computer Science. It covers topics such as set theory, relations and functions, formal logic, regular languages, finite-state automata and information theory. These formalisms define the principles underlying programming language semantics, relational database operators, secure digital communication, and so on. An understanding of these topics gives you a deep appreciation for why computer systems and languages are designed and work the way they do. This unit introduces each of these topics in separate modules, thus providing a broad overview of the field.

CAB210 People Context and Technology

Pre-requisites	IFB103 or INB103 or ITD103 or INB182 or EGB100 or ENB100
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point

- SEM-2

This unit develops a human-centred view of technology and information systems. Individuals and groups interact with information, technology, and other people in a wide variety of information environments of increasing complexity. Using a number of User Experience (UX) methods, you will learn to explore and model interactions from a variety of perspectives; cognitive, social, emotional, experiential, cultural, contextual and technological. You will learn to characterise users of technologies and to evaluate their interactions in order to understand their information, communication and learning behaviours. A variety of evaluation techniques will allow you to investigate and represent human experience of technologies and information systems at a variety of scales.

CAB220 Fundamentals of Data Science

Pre-requisites	(CAB201 or ITD121) and (MZB151 or any MXB unit)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Data Science is an interdisciplinary field that combines methods and techniques from computer science, modelling, statistics, analytics, and mathematics to process and analyse data at large scales with the aim of extracting insights and understanding to inform decision making processes. Critical to Data Science are modelling and computational methods for handling of data, as well as the definition of clear hypotheses that can be tested. This unit will cover the fundamentals of data manipulation, representation and exploratory analysis, as well as how methods and techniques in these areas should be used to solve Data Science problems. This foundational unit will provide you with the necessary skills and knowledge to pursue Data Science related studies, along with an understanding of Data Science and Big Data challenges.

CAB230 Web Computing

Pre-requisites	IFB104 or ITD104 or MZB126 or EGD126
Equivalents	INB271
Credit Points	12
Campus	Gardens Point

Units

Availabilities	Gardens Point - SEM-1
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The World Wide Web has become our most important computer system. However, designing software for the web is rather different from designing for standalone PC applications. The unit starts with the protocols and architecture of the Internet and World Wide Web, including how search engines like Google work. After reviewing the latest W3C standards for HTML5, Javascript and CSS, the unit moves to designing web based user interfaces and to programming web based applications. Issues covered include client and server-side data validation, authentication, authorization and combating security threats including SQL injection. The unit concentrates mostly on simple data driven applications, but contrasts these with more complex n-tier, MVC and AJAX based architectures. Beyond web applications, the unit introduces web services and the move toward the cloud.

CAB240 Information Security

Equivalents	INB255
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Information systems are increasingly used to store, process and exchange information, with most sectors of the economy dependent on electronic and often automated information systems. Information systems are vital, but also vulnerable. Information security is about protecting information and the systems that use, store and transmit it. This unit provides an introduction to information security, from the perspective of an IT user, including how to identify fundamental security issues with information systems ranging from single-user systems to those of large multinational organisations. It considers both technical and non-technical measures used to provide security for information systems, and examines guidelines on best practice implementation of information security measures.

CAB301 Algorithms and Complexity

Pre-requisites	CAB201 or ITD121
Equivalents	INB371
Credit Points	12

Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit teaches you the fundamental principles used to assess the efficiency of software algorithms, allowing you to distinguish solutions that can process large amounts of data or perform complex calculations effectively from those that run unacceptably slowly or not at all. Despite extraordinary advances in computer processing speeds and memory capacity, we still encounter software applications with unacceptable performance, especially on mobile, low-powered devices. Often this is due to basic limitations associated with the program's design, i.e., the algorithm it uses and the associated data structures it implements. In this unit you will examine a range of different algorithm types, review the principles used to predict their efficiency (so-called "complexity" analysis), and perform empirical measurements of specific algorithms to confirm the theoretical predictions.

CAB302 Software Development

Pre-requisites	CAB201 or INB270 or ITD121
Equivalents	INB370
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit teaches you how to advance your skills from 'programming-in-the-small' to 'programming-in-the-large' through the application of a sound software development process and appropriate tools and techniques for development and maintenance of large-scale, long-lived software. Software Development introduces you to the processes and practical techniques of professional application development, providing a foundation for you to work productively as part of a professional team in the workplace. Software Development uses large-scale projects to introduce you to a modern software development process and the technologies that support its effective and efficient application in industry. Motivated via a modern agile development process, you will be introduced to principles such as unit testing, test driven development (TDD), version control and build management, using an industrial-strength programming language and development tools widely used in industry. The unit

also introduces advanced aspects of object oriented programming relevant to large-scale program development and maintenance, and gives you practice in working with important Application Programming Interfaces (APIs) for data access and presentation. Some aspects of large-scale program design are also introduced through concepts such as programming patterns and refactoring.

CAB303 Networks

Pre-requisites	CAB202
Equivalents	INB251
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

You will be introduced to the technical underpinnings of computer networks. Computer networks are essential to the activities of modern organisations and daily life and are the basis of a wide range of application systems, noticeably the Internet and the World Wide Web. You will be introduced to practical and theoretical knowledge on a wide range of modern networking topics to be able to design, implement and maintain network-based applications. You will participate in practical networking exercises, and design and develop a network device to provide hands-on experience with network-based computing.

CAB310 Interaction and Experience Design

Pre-requisites	CAB210
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Human centred design is investigated from theoretical and practical perspectives. This unit extends on the fundamental human-centred view of technology to explore theories and design approaches for particular kinds of interactions, relations and technologies. We will explore interactional stances (e.g. embodied interaction, persuasive technology, game interaction, mobile interaction), emerging human-technology relations (e.g. technology in developing countries, interaction with the internet of things, human-robot interaction), and holistic service approaches (service design, experience design). Methods that respond to the particular

interaction/technology context are explored. Methods and philosophical perspectives on engaging participation from stakeholders in design are investigated. The co-evolution of interaction and technology is explored from a historical perspective to inform and examine current and future human-computer interaction approaches. Students will develop an innovative interaction/experience design and construct a theory of interaction that they will then test.

CAB320 Artificial Intelligence

Pre-requisites	(INB270 or CAB201 or ITD121 or CAB202) and (MZB151 or ENB246 or MZB126 or EGD126 or MXB103)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces you to the basics of Artificial Intelligence (AI) ranging from Intelligent Search techniques to Machine Learning. It lays the foundations for further studies in Games, Robotics, Pattern Recognition, Information Retrieval, Data Mining and Intelligent Web Agents.

CAB330 Data and Web Analytics

Pre-requisites	CAB220 or CAB230
Equivalents	INB342
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

With every organisations housing massive data sources, data analytics has become an increasingly popular way to turn an organization's data into useful information and knowledge about their customers and business processes. Data analytics has direct applications in social networks, information retrieval, business processes, search-engines, e-commerce, digital libraries, bioinformatics, web information systems and many other utilities. This unit covers the concepts of data and web analytics, both of which aim to improve decision making by discovering and making use of knowledge which might be found in large databases and on the Web.

CAB340 Cryptography

Pre-requisites	CAB203 or MXB102
Anti-requisites	INB355
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Common information security goals are confidentiality, integrity and availability of stored or transmitted information. Cryptography provides a rich collection of tools that can be used to guarantee confidentiality (by encrypting private information), authentication and integrity of communicated messages (by appending a message authentication code or a MAC). Cryptographic protocols can be used to achieve specific security goals in multiuser environments. In this unit, you will learn about symmetric-key cryptography and the adversarial model used in private-key cryptography. You will study basic tools for cryptanalysis (such as linear and differential attacks). You will investigate public-key cryptography (PKC) and its basic security notions. You will learn about cryptographic protocols such as zero knowledge protocols, multiparty computation and secret sharing.

CAB401 High Performance and Parallel Computing

Pre-requisites	CAB301
Equivalents	INB375
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Building on your skills in "sequential" programming, this unit teaches you the tools and techniques needed to exploit multi-processor computer systems to achieve dramatic performance improvements for computationally intensive problems. Parallelism is the fundamental way to overcome the performance limitations of individual computer processors when solving computationally challenging problems or when processing massive amounts of data. However, expressing an algorithm in a form that can be executed efficiently on parallel hardware is generally a very challenging task even for experienced software developers. This unit gives you an understanding of why future computer

hardware will be increasingly parallel and the challenges this poses for software development. It gives you an understanding of parallel hardware and practical skills in creating high-performance programs using today's best tools and techniques.

CAB402 Programming Paradigms

Pre-requisites	(CAB201 or ITD121) and CAB203
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This advanced unit exposes you to special-purpose programming languages that operate under different paradigms than the conventional "imperative" languages you have used in the course so far. A paradigm is a distinct set of concepts and pattern of thinking. The way software developers think and express themselves is profoundly influenced by the programming paradigm that they adopt. A variety of different programming paradigms have been developed over the years, each with their own strengths and weaknesses. This unit will expose you to new ways of thinking about and expressing software solutions. It will explore advanced programming language constructs, principles for the sound design of new languages and how they evolve. We take a look under the covers, and remove the "magic" by exploring how high level programming languages are practically implemented and ultimately executed as machine code on contemporary hardware. The unit provides both a deep theoretical foundation for programming languages by abstracting them to basic mathematical forms as well as showcasing practical application of those advanced principles for software development in the real world.

CAB403 Systems Programming

Pre-requisites	(CAB201 or ITD121 or MZB126) and CAB202
Anti-requisites	INN365
Equivalents	INB365, ITB706, ITB745
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit gives you experience in programming at the level of a computer's operating system, as is needed for IT system administration or to interface computer processors with peripheral hardware devices. Systems programming is one of the many specialisations of software development and maintenance. It concerns software that works at the level of the computer's physical architecture. This unit introduces some of the principles and practices associated with writing programs that operate at such a low level of abstraction. It builds on the knowledge you have already acquired about general applications software development and computer architectures.

CAB420 Machine Learning

Pre-requisites	CAB201 and (MZB151 or ENB246 or MZB126 or MXB100 or MXB103)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Machine learning concerns the construction and study of systems that can learn from data by generalizing from examples. This approach is often feasible and cost-effective when traditional programming is not. This unit provides you with a broad introduction to machine learning and its statistical foundations. Topics include: definition of machine learning tasks; classification principles; dimensionality reduction/subspace methods; support vector machines, graphical models and deep learning. Application examples are taken from areas such as computer vision, finance, market prediction and information retrieval.

CAB430 Data and Information Integration

Pre-requisites	CAB220 or CAB201 or ITD121
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The ever increasing variety (values, raw text, sensors, etc.) and volume of data available, together with recent advances on standards to describe and organise data (e.g. semantic web, relational databases, noSQL) brings both new opportunities and challenges for innovation. In particular, data integration

can lead to a better understanding of business processes, increased security of systems and improved decision making. The challenges lie in selecting the data, transforming the data in a way that computers can deal with, and also organise the data in a scalable manner in order to provide powerful visualisations of important phenomena. The unit will start with the principles of data warehouse and data visualizations with OLAP (on-line analytical processing). The students will then be exposed to information extraction techniques meant for non-relational data using NoSQL and others.

CAB431 Search Engine Technology

Pre-requisites	CAB201 or ITD121
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit aims to equip you with a solid foundation in a broad range of topics that are required in order to effectively design, develop and improve Web search and text analysis systems. Through this study, you will be able to demonstrate knowledge of the principles and techniques of Web search, information retrieval, information filtering, text classification and topic modelling.

CAB432 Cloud Computing

Pre-requisites	CAB301 or CAB302 or INB370 or INB371
Equivalents	INB356
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Cloud Computing is among the most important developments in the IT industry in recent years, and one which has received enormous, and at times ill-informed, media attention. In many respects, Cloud may be seen as a natural progression from earlier trends in service and infrastructure outsourcing and virtualisation, but it differs in the essential characteristic of elasticity: service and infrastructure provisioning is scalable in response to variations in demand, allowing clients to cater for unexpected spikes in load without tying up capital in expensive and potentially underutilised assets. This unit provides an advanced-

level overview of the most important issues in the field, enabling you to understand the environment and the business and technical trade-offs at its heart.

CAB440 Network and Systems Administration

Pre-requisites	CAB303 or INB251
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Computer networks are essential for the running of organisations today. To ensure the effective and efficient operation of computer networks, they need to be administered and managed by competent technical people. This unit introduces the theory and practical aspects of network administration, management and security policies in an environment (Unix or Linux) commonly used in industry. It includes aspects of system administration relevant to networking.

CAB441 Network Security

Pre-requisites	(CAB240 or INB255) and (CAB440 or INB351)
Anti-requisites	INN251
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Government and private organisations currently face an unprecedented level of malicious computer network activity from a wide range of sources, including hackers, activist groups, organised crime syndicates and nation states. IT professionals are expected to have an understanding of the vulnerabilities and threats that computer systems under their protection may be exposed to. This unit provides the knowledge and skills needed to better defend electronic system services and applications. It introduces techniques and tools that demonstrate how attackers may exploit system services and applications. The challenge is illustrated using potential attacks on industrial control systems.

CRB001 Mathematics in Primary Education

Anti-requisites	CRB932, MDB001
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

In this unit students will investigate the role of mathematics in cultural and educational contexts. These settings as well as the development of mathematical ideas will be used to provide confidence in this discipline. Relevant curriculum documents will be used to develop knowledge and understanding of primary mathematics and mathematics education. Theories about teaching and learning mathematics will be introduced to assist students' development of mathematics and ensure proficiency of basic numeracy. This unit will prepare students to progress into deeper knowledge and understanding about mathematics curriculum and pedagogy in the subsequent mathematics curriculum units: Primary Mathematics Curriculum Studies 1 & 2.

CRB002 Science in Primary Education

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This introductory primary science unit focuses on developing your science content knowledge for teaching primary science, particularly in the areas of biology, chemistry, physics and earth and space sciences. Skills and knowledge specific to primary science will be developed through a context-based approach. The unit develops a foundation for CRB010 Primary Science Curriculum Studies and introduces you to content and pedagogy required for initial practical teaching experiences.

CRB003 Humanities and Social Sciences Curriculum Studies 1: History and Civics

Anti-requisites	CLB008, CRB906, EAB013
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - 6TP4, SEM-2 External

- SEM-2

This unit introduces key concepts, content and skills that are the foundation of history education in the early childhood and primary years. The unit distinguishes young children as competent, proactive learners who can develop and experience perspectives about the past. Building on this understanding, early years and primary school students investigate and explore challenging topics in social and cultural education to enable them to become critical thinkers and active and informed citizens. As such, educators in the early childhood and primary years engage with children, families and communities that help them understand the role of history, civics and citizenship in society. Such knowledge develops an informed and critical understanding of the past with a view to better understanding the present and the future. This unit will develop your knowledge of concepts, content and skills in relevant curriculum documents and prepare you with the pedagogy to teach history in early childhood and primary school settings.

CRB004 Humanities Curriculum Studies 2: Geography and Civics

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit introduces key concepts, content and skills that are the foundation of geography education in the early childhood and primary years. The unit distinguishes young children as competent, proactive learners who can develop perspectives about the environment and sustainability. Building on this understanding, early years and primary school students investigate and explore challenging topics in geography to enable them to become critical thinkers and active and informed citizens. As such, educators in the early childhood and primary years engage with children, families and communities that help them understand the role of geography, civics and citizenship in society. Such knowledge develops an informed and critical understanding of the environment with a view to understanding education for sustainability. This unit will develop your knowledge of relevant curriculum documents and prepare you with the pedagogy to teach geography in early childhood and primary school settings. This unit undertaken in the third year will further develop concepts learned in the second year unit, CR003 Humanities and

Social Sciences Curriculum Studies 1: History and Civics.

CRB005 Primary English Curriculum Studies 1

Pre-requisites	CLB004 or EAB510
Anti-requisites	CLB006, CRB904
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit builds your knowledge and skills in teaching early literacy and comprehension. The unit focuses on: (1) knowledge of the English language; (2) students' English development; and (3) pedagogy for subject English. It links to the work previously undertaken in EAB510 Early Childhood English Literacies and Language 1 and prepares you for the second English curriculum unit CRB006 Primary English Curriculum Studies 2.

CRB006 Primary English Curriculum Studies 2

Pre-requisites	EAB510 and CRB005
Anti-requisites	CLB007, CRB905
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit further develops your knowledge, skills and application for teaching primary English curriculum. The unit focuses on textual knowledge and skills, planning a unit of work involving multimodal texts, and children's writing development. It links to the work previously undertaken in Early Childhood English, Literacies and Language 1 and Primary English Curriculum Studies 1.

CRB007 Languages and Integrated Curriculum

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit prepares students who have been introduced to a range of primary learning areas in their pre-service Primary teaching course to consider integrated teaching and learning approaches. A key element of this unit is the introduction of

Units

curriculum considerations for the teaching of languages and cultural appreciation.

CRB008 Primary Mathematics Curriculum Studies 1

Pre-requisites	CRB001
Equivalents	CRB933, MDB002
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit extends from the introductory unit "Mathematics in Primary Education" to further develop your knowledge, skills and applications that focus on the teaching of numbers and measurement. Specific contents include the investigation of teaching methods for (i) concepts and skills for whole number, common fractions and decimal fractions, (ii) conceptual understanding and procedural methods for each of the four operations and (iii) the teaching of measurement (length, mass, capacity, time, area and volume), with or without the use of technology.

CRB009 Primary Mathematics Curriculum Studies 2

Pre-requisites	CRB001
Equivalents	CRB934, MDB003
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Mathematics Curriculum Studies 2 develops essential mathematical knowledge and skills in the teaching of geometry, statistics, probability, and early algebra in primary school. The unit focuses on the development of conceptual understanding and related skills in these strands. Approaches for assessment and provisions for differentiation related to these content strands are also studied in this unit.

CRB010 Primary Science Curriculum Studies

Pre-requisites	CRB002
Equivalents	CRB937, MDB006
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Becoming scientifically literate allows

learners to interrogate the biological, physical and technological world by making predictions and solving problems. The scientific knowledge, understandings and skills acquired allow students to make informed decisions about local, national and global issues. This unit builds upon a prerequisite unit (CRB002 Science in Primary Education), which involved understanding fundamental scientific knowledge for teaching in Australian primary schools. In CRB010 Primary science curriculum studies, students have an opportunity to develop an innovative primary science unit of work with a focus on facilitating primary students' scientific skills and abilities. Importantly, there is an opportunity for students to teach primary science to their peers, as a building block experience towards becoming competent primary teachers.

CRB011 Teaching Technologies

Equivalents	CRB936, MDB005
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

Technology involves envisioning and developing products to meet human needs and wants, capitalise on opportunities and extend human capabilities. This unit focuses on the products of technology including artefacts, processes, systems, services and environments. These products make up the designed world.

CRB013 ICT in Secondary Education

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit develops the theoretical and practical approaches to using information and communication technologies (ICT) in the secondary classroom. It focuses on you individually and collaboratively participating in open-ended activities that require you to apply problem-solving strategies within the lecturer/tutor led activities.

CRB038 Engaging with New and Emerging Technologies

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit develops the theoretical and practical approaches to using new and emerging digital technologies across the curriculum to connect and engage with students. It focuses on you individually and collaboratively participating in activities that require you to explore these technologies and apply them across all learning areas through guided activities.

CRB039 Connecting and Engaging with Students Through Digital Media

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit develops the theoretical and practical approaches to using digital media in all learning areas to connect and engage with your future students. It focuses on problem solving activities with digital media to engage students in critical thinking and creative processes. You will, individually and collaboratively, participate in activities that require you to explore and create digital media technologies and apply them across a range of learning areas through lecture/tutor guided activities.

CRB040 Learning Science Through Teaching

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides an opportunity for students to identify and develop their potential as educators and communicators of science and mathematics. Students will develop insights into the processes that drive people's thinking, learning and communication about science and mathematics. They will consolidate their own understanding of scientific or mathematical concepts through the planning process and build their confidence in presenting to others in a variety of formats. The unit can be taken as a single elective or as the initial unit in the Science and Mathematics Education minor.

CRB042 Real World STEM in Education

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides you with an opportunity to critically analyse and solve a range of problems that will develop your knowledge and understanding across the STEM disciplines. You will engage in real-world problem solving challenges by working in teams in a range of different contexts. Collectively these experiences will enable you to design, develop and implement transdisciplinary STEM classroom learning activities as a primary or secondary school teacher.

CRB043 Teaching and Learning with Emotions and Relationships in Mind

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 6TP4

Emotions are central to our wellness, our social bonds (i.e., relationships) to others, and learning processes. This unit takes a different approach to learning to be a teacher by focusing on emotions, social bonds and wellness as central aspects for teaching and learning in school classrooms. For some students, the connections they form with teachers can be defining features of their schooling experience. Learning about emotion management techniques is also a necessary skill for teachers who often deal with high levels of social interaction and emotional stress. This unit focuses on advanced levels of teaching and learning practice by drawing on theory about emotion, wellness and social interactions. It extends what you have studied previously in other education units such as curriculum studies units for different teaching subjects, classroom management, and psychological and sociological perspectives on education. Teaching and learning with the heart in mind is an essential dimension for teachers of all levels of schooling.

CRB044 Science, Technology and Society

Equivalents	CRB036, MDB454
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Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Science is a human endeavour. Working within this context, in this unit you will investigate the interactions and effects that exist between modern science, technology and society both from a social and historical viewpoint. The unit can be studied as a stand-alone unit but also seeks to develop your science content knowledge by complementing the other science and technology elective unit options. Advances such as the advent of the Internet, genetic modification and nanotechnology are explored within a context of globalisation, global communications and social change. The unit also includes a study of the nature of science and technology and the nature of scientific knowledge. A major feature of the unit involves self-directed investigation of the way in which scientists work and how this reflects the interrelationships between science, technology and society.

CRB045 Project Based Learning in STEM Education

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 6TP4

This unit provides insights into problem solving and project-based learning through a rich, integrated curriculum. It focuses on the Australian Curriculum and develops content, pedagogical and technological knowledge that can forge directions for practical hands-on experiences in STEM education for school students.

CRB047 STEM Investigation Project

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit requires you to think critically about a real world problem and to integrate your Science, Technology, Engineering and Mathematics (STEM) knowledge and skills developed in your previous studies to create an effective solution. You will conduct this real world problem solving activity (your project) with a transdisciplinary group of peers. Through critical analysis and reflection on

your work and that of your peers, you will gain a deeper understanding of ways of working in STEM, including scientific methods and/or mathematical modeling and reasoning, and you will become more confident in applying them.

CRB051 Producing and Analysing Classroom-Based Literacy Data

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 6TP4

This unit further develops your knowledge, skills and application of assessment with particular reference to literacy assessment. The unit is flexible in nature and addresses literacy assessment not only in English studies, but also in other subject content areas within all phases of learning, including F-10 and Senior Secondary Curriculum. Practically applicable, it allows you to learn, understand and apply a range of literacy assessment techniques and tools to analyse and assess student literacy achievement for use as feedback for teaching and learning in the classroom. Content in this unit links to work previously undertaken as part of your undergraduate degree in pedagogy and curriculum studies.

CRB103 Interpreting the Past

Equivalents	CLB103, HHB121
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

For the purposes of this unit, 'history' will be taken to mean a set of practices developed by professional historians to produce knowledge about the past. The study of these practices promotes understandings of how historians set about their work, the rules that govern their methods, the reliability of historical knowledge and the value of history socially and culturally.

CRB106 China since the Qin Dynasty

Equivalents	CLB106, HHB246
Credit Points	12
Campus	Kelvin Grove

Units

Availabilities

Kelvin Grove
- SEM-1

The unit provides students with the knowledge of how China, formerly a Dynastic Empire, was disempowered by Western Imperialism, only to obtain independence through the governmental embrace of Communism. The role of powerful individuals in determining China's destiny, and an understanding of how the country's fortunes changed over time are additional features of the content.

CRB107 The Classical World

Equivalents	CLB107, HHB257
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The aim of this unit is to endeavour to explain/understand particular societies and their transition in the Classical World, by focusing attention on selected periods, aspects and individuals pertaining to ancient Greece and Rome.

CRB108 Nations and Nationalism in Modern Europe

Equivalents	CLB108, HHB260
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit will develop an understanding of matters pertinent to the evolution of nationalism in Europe in the modern era. This will include the influence of social movements and cultural and economic issues.

CRB109 World Regions

Equivalents	CLB109
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit offers an introductory geographical overview of global regions. This is an excellent basis from which to develop an understanding of complex interrelationships between regions and nations. The integrated knowledge gained is of current and practical value to professionals in many fields requiring a knowledge of international affairs including teachers, planners, journalists,

business managers, travellers and people in general.

CRB110 Environment and Society

Equivalents	CLB110
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

People and nature interact to create distinctive and dynamic places and landscapes. Applied geography, with its integrating perspective and skills-base, helps us to understand this. The discipline hence addresses some of our most pressing social and environmental problems. Geography objectively views human activities, natural systems and their inter-relationships in terms of consequent spatial patterns and impacts on landscapes, regions and places.

CRB111 Environmental Hazards

Equivalents	CLB111
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit takes a geographical perspective to investigate the characteristics and distribution of environmental hazards, patterns of risk and vulnerability, and how people perceive, manage and adjust to hazardous environments.

CRB112 Asia in Focus

Equivalents	CLB112
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Australia's interaction with Asia, including our most populous nearest neighbour, Indonesia, continues to increase in significance. This unit examines aspects of Asian geography, environment, society and culture, in a contemporary framework.

CRB113 Australian Geographical Studies

Equivalents	CLB113
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove

- SEM-1,
SEM-2

Australia faces challenging problems and changes in relation to its changing population, socio-economic development and environmental sustainability. Many of these problems, relating to land-use and settlement patterns, migration trends, resource and hazard distribution, regional socio-economic structure, remoteness and accessibility etc, have a geographical basis. The aim is to describe and analyse, Australia's natural and social landscapes, their interaction, and the changes occurring in them from a geographical perspective.

CRB114 Geography in the Field

Equivalents	CLB114
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

The unit builds upon the geography program to develop advanced understanding of social science research approaches and information capture/analysis. This provides a foundation in research and project design, relevant to a wide range of professions. You will develop skills in the preparation of project grant applications and in presenting a research plan orally.

CRB115 Medieval Europe and the World

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit traces in broad outline the evolution of Europe from the barbarian invasions of the fifth century, through the Carolingian period and the Crusades, to the centuries usually defined as the High Middle Ages. On a thematic level, the unit selectively examines topics concerned with political, religious and intellectual developments, along with the cultural history of Medieval Europe. The students will develop an understanding of how events and forces have contributed to societal, political and cultural change in Europe in Medieval times.

CRB116 The Classical World 2

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove

- SEM-1

The unit explores the emergence of the civilizations of Egypt, the Near East and India, and introduces some of the key cultural, social, political, economic and intellectual developments across the first millennia of recorded history in this region. CRB116 is a core discipline unit in the History major in ED59 Bachelor of Education (Secondary).

CRB117 Australia, Britain and America

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The unit explores British and American social and political influences on Australian foreign policy and social attitudes since 1900. It also investigates Australia's, America's and Britain's relationships with a number of Asian countries particularly through involvement in war. The lectures and readings, arranged chronologically, examine World War 1, the interwar-years, World War 2 and the post-World War 2 period.

CRB200 English Curriculum Studies 1

Anti-requisites	CLB018, CRB909
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This first English curriculum studies unit for secondary education offers a specific focus and professional application of studies you have undertaken in your discipline and core education units. This unit consequently assumes knowledge of English texts appropriate for secondary students, and contextual issues of education and schooling, adolescent learning development, from prior core Education units and supports the core unit on creating positive learning environments for all students. English Curriculum Studies 1 occurs in the second year of your Education course, because it builds foundational knowledge, understanding and skills gained from discipline units and prepares you for your first professional experience.

CRB201 English Curriculum Studies 2

Pre-requisites	CRB200
Anti-requisites	CLB019, CRB910
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This second English Curriculum major unit offers a specific focus and professional application of studies you have undertaken in your English discipline and core education units. This unit consequently assumes knowledge of print and ICT texts appropriate for senior secondary English students, and contextual issues of education and society. It further assumes knowledge of prior core Education units, about adolescent learning development, and Indigenous cultural issues, as well as creating inclusive positive learning environments for all secondary students. English Curriculum Major Studies 2 occurs in the third year of your Education course, because it builds on foundational knowledge of English Curriculum in secondary school contexts, as well as understanding and skills gained from core and discipline units and prepares you for your third Field Experience in the following semester.

CRB202 Advanced English Curriculum Studies

Anti-requisites	CLB020, CRB911
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This third, advanced English curriculum studies unit for secondary education offers a specific focus on subject-specific pedagogies and professional application of studies you have undertaken in your discipline, prior curriculum and core education units. This unit is for students studying English as a major teaching area and consequently assumes knowledge of design principles and resources appropriate for upper junior and senior secondary English students; and alternative curriculum pathways available to senior students in the current Australian Curriculum framework. Knowledge of both student-centred and explicit teaching approaches within unit design is assumed from study of English Curriculum Studies 1 and 2 (major) with further material on aligning teaching,

design and assessment strategies explored in these units. Advanced English Curriculum Studies occurs in the fourth year of your Education course and prepares you for your final Field Experience and Internship.

CRB203 Intermediate English Curriculum Studies

Pre-requisites	CRB200
Equivalents	CLB019, CRB910
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This second English curriculum studies unit for secondary education offers a specific focus on subject-specific pedagogies and professional application of studies you have undertaken in your discipline and core education units. This unit is for students studying English as a minor teaching area and consequently assumes knowledge of texts appropriate for junior secondary English students, and contextual issues of education and society. Knowledge of both inquiry-based and explicit teaching approaches to lesson planning is assumed from study of English Curriculum Studies 1 with further material on aligning teaching and assessment strategies explored in this unit. English Curriculum Studies 2 occurs in the third year of your Education course and prepares you for your third Field Experience.

CRB204 Mathematics Curriculum Studies 1

Equivalents	CRB923, MDB021
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit introduces the principles and pedagogies of mathematics teaching used in secondary school mathematics classrooms. The unit explores mathematics curricula typically encountered in Queensland secondary schools. The foundations of mathematics teaching developed in this unit will be further deepened in the following mathematics curriculum studies unit(s).

CRB205 Mathematics Curriculum Studies 2

Pre-requisites	CRB204
Anti-requisites	CRB925, MDB022
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit deepens students' understanding of the principles and pedagogies of mathematics teaching used in secondary school mathematics classrooms. The unit further explores mathematics curricula typically encountered in Queensland secondary schools, and considers the design and implementation of mathematics curriculum at the school level. Your mathematics teaching knowledge and abilities will be further deepened in the Advanced Mathematics Curriculum Studies unit.

CRB206 Advanced Mathematics Curriculum Studies

Pre-requisites	CRB205
Anti-requisites	CRB927, MDB023
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides an opportunity for students to explore and develop their understanding in a specific area of mathematics education. Students will engage in a project, drawing upon research and professional literature to identify a particular problem or issue and propose/develop an appropriate solution or response. The form of the solution or response will be negotiated with the unit coordinator and may take a variety of forms, including a small research project, curriculum resource or professional learning activity.

CRB207 Intermediate Mathematics Curriculum Studies

Pre-requisites	CRB204
Anti-requisites	CRB925, MDB022
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit deepens your understanding of

the principles and pedagogies of mathematics teaching used in secondary school mathematics classrooms. The unit further explores the junior secondary mathematics curriculum in Queensland secondary schools, and considers the design and implementation of mathematics curriculum at the school level.

CRB208 History Curriculum Studies 1

Anti-requisites	CLB054, CRB924
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This is the first of two complementary units in History Curriculum designed to prepare you for a professional role as a teacher of secondary school history. In this first unit, the focus is on curriculum development and teaching approaches in history. Key concepts, content, skills and recent developments that are the foundations of history education within the Australian Curriculum History: 7-10 are examined. An inquiry approach is utilised to emphasise the importance of engaging with evidence about the past as the basis for the development of historical understanding.

CRB209 History Curriculum Studies 2

Pre-requisites	CRB208
Anti-requisites	CLB031, CRB916
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This is the second of two complementary units in History Curriculum designed to prepare you for a professional role as a teacher of secondary school history. This unit extends the focus of the first unit and explores in greater depth the nature of curriculum development and teaching approaches in history together with the purposes of assessment of and for learning. Key concepts, content, skills and recent developments that are the foundations of history education are explored with reference to Senior Ancient History and Senior Modern History in the Australian Curriculum and in the state-based statutory authority (QCAA) syllabi. An inquiry approach is utilised to emphasise the importance of engaging

with evidence about the past as the basis for the development of historical thinking and understanding.

CRB210 Advanced Social Science Curriculum Studies

Pre-requisites	CRB209 or CRB213
Anti-requisites	CLB056, CRB926
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This capstone unit extends the work developed in History Curriculum Studies 1 and 2 and Geography Curriculum Studies 1 and 2 by exploring the significance of recent policy and curriculum developments within Humanities and Social Sciences that impact upon the specialist disciplines of History (Ancient or Modern) and Geography in the senior school. Such policy initiatives highlight the need for History and Geography teachers to be flexible and able to adapt to new educational contexts. Understanding the policy process and curriculum development, and interpreting curriculum documents for classroom practice which foster inquiry based learning, are essential professional skills. The unit explores such developments through a theory to practice lens.

CRB211 Intermediate History Curriculum Studies

Pre-requisites	CRB208
Anti-requisites	CLB031, CRB916
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This is the second of two complementary units in History Curriculum designed to prepare you for a professional role as a teacher of secondary school history in Years 7-10. This unit extends the focus of the first unit and explores in greater depth the nature of curriculum development and teaching approaches in history together with the purposes of assessment of and for learning. Key concepts, content, skills and recent developments that are the foundations of history education are explored in depth with reference to History in Years 7-10 in the Australian Curriculum. An inquiry approach is utilised to emphasise the importance of engaging with evidence about the past as

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the basis with particular emphasis on the development of historical thinking and understanding.

CRB212 Geography Curriculum Studies 1

Anti-requisites	CLB054, CRB924
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit introduces the knowledge and skills needed for teaching geography. The unit focuses on using the geographical inquiry approach to examine the various topics as outlined in the Australian Curriculum: Geography. It is the first unit in three relating to Humanities and Social Science and specifically prepares teachers for teaching in the lower secondary school.

CRB213 Geography Curriculum Studies 2

Pre-requisites	CRB212
Anti-requisites	CLB028, CRB915
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit deepens students' understanding of the principles and pedagogies of geography teaching used in secondary school geography classrooms. The unit further explores geography curricula typically encountered in Queensland secondary schools, and considers the design and implementation of geography curriculum at the school level. The foundations of geography teaching developed in this unit will be further deepened in the following geography curriculum studies unit(s).

CRB214 Intermediate Geography Curriculum Studies

Pre-requisites	CRB212
Anti-requisites	CLB028, CRB915
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit develops further the knowledge and skills needed for teaching geography. The unit recaps on the inquiry method

and the conceptual thinking needed to examine the various topics as outlined in the Australian Curriculum: Geography and further develops planning and assessment strategies needed. It is the second unit in three relating to Humanities and Social Science and specifically prepares teachers for teaching in the lower secondary school.

CRB215 Science Curriculum Studies 1

Equivalents	CRB930, MDB031
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is the introductory curriculum unit in your major teaching area of science focussing on teaching practices and planning processes in junior science (years 7-10). Skills and knowledge specific to science teaching and learning will be developed. The unit develops a foundation for science curriculum 2 or intermediate science curriculum studies.

CRB216 Science Curriculum Studies 2

Pre-requisites	CRB215
Anti-requisites	CRB917, CRB919, CRB921, CRB928, MDB010, MDB013, MDB019, MDB025
Equivalents	CRB929, MDB028
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit develops your understanding and skills of curriculum design and instruction in senior science (years 11 & 12). The focus of the unit is on the design of long-term plans and assessment for engaging a wide-range of learners in science. Strategies for planning considered in this unit are informed by research-based practices in science education and education generally. You will also explore the mandated curriculum requirements for the senior years of schooling for your chosen science discipline (i.e., Biology, Chemistry, Earth and Environmental Science, Physics). The unit develops further skills and knowledge introduced in Science Curriculum Studies 1. This unit is followed by Advanced Science Curriculum Studies in Year 4 of your course.

CRB217 Advanced Science Curriculum Studies

Pre-requisites	CRB216
Anti-requisites	CRB931, MDB033
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This capstone unit extends the work developed in Science Curriculum Studies 1 and 2 through a guided science inquiry project. You will plan, design and implement an extended scientific investigation that aligns with your high school science teaching area. You will also reflect on your experiences with the investigation from your perspective as a preservice teacher and formulate plans for effective implementation of science inquiry projects in high schools.

CRB218 Intermediate Science Curriculum Studies

Pre-requisites	CRB215
Anti-requisites	CRB917, CRB919, CRB921, CRB928, MDB010, MDB013, MDB019, MDB025
Equivalents	CRB929, MDB028
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

In this unit you will develop further your learning of science teaching and planning processes that was developed in Science Curriculum Studies 1. The focus in this unit is on extending your knowledge of teaching and learning experiences relevant to years 7-10 science. You will learn about the interconnected nature of science technology and society and design instruction and materials to deliver engaging learning experiences that cater for a wide range of learners in senior science. The unit focuses on concepts relating to science, technology and society and teaching approaches relevant to your minor teaching area of science. This is the final Science Curriculum Studies Unit in the development stage of your course.

CRB250 Australian Society and Culture

Equivalents	CLB101,
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	HHB106, HHB108
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

Australian Society and Culture combines literary and cultural studies, political analysis and history. It provides a context through which students can acquire knowledge about Australian institutions and traditions, particularly since 1901.

CRB443 Grammar in the Classroom: Theories and Pedagogies

Equivalents	CLB446
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides an organised, contextualised introduction to linguistic models through workshop sessions involving the writing and reading of a range of print based and multimodal texts. Students will learn to critically evaluate texts, their purposes and the language resources employed by writers and text designers.

CRN651 Primary English Curriculum Studies

Pre-requisites	CRN650
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit builds on your learning from the previous unit, CRN650 Primary English, Literacies and Language. It further develops your knowledge, skills and application for teaching primary English curriculum. The focus is on textual knowledge and skills, grammar, handwriting scripts, how to extend children's writing skills, and how to plan a unit of work involving multimodal texts that applies teaching strategies addressed in the unit.

CRN654 Practitioner Enquiry

Pre-requisites	EDN662 or EDN672. EDN662 or EDN672 can be enrolled in the same
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	teaching period as CRN654
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit will build your knowledge and capacity to inquire into and research your own teaching practice. As part of enhancing your knowledge of Early Childhood, Primary or Secondary school contexts, the unit will focus on developing your understanding of quantitative and qualitative research methods. The unit prepares you to undertake your own practitioner inquiry in the capstone research project to be undertaken in your final semester.

CRN657 Teaching Technologies

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

Technology involves envisioning and developing products to meet human needs and wants, capitalising on opportunities and extending human capabilities. This unit is in the second year of your course, and it prepares you to teach the Australian Curriculum Technologies learning area. The Technologies learning area comprises two distinct but related subjects. Design and Technologies (focusing on the products of technology including artefacts, processes, systems, services and environments) and Digital Technologies (focusing on framing problems and creating solutions using computational thinking). This unit comprehensively and explicitly addresses the relevant issues and the strategies available to support the safe, responsible and ethical use of ICT in learning and teaching.

CRP408 English Education Curriculum Studies 2

Equivalents	CLP409
Credit Points	12
Campus	External
Availabilities	External - SEM-1

This unit aims to provide you with opportunities to develop a critical

understanding of the theories and principles which inform the Australian Curriculum: English Framework for Years 7-10 and to implement this understanding by developing junior secondary curriculum units and lessons which are appropriate for the needs and interests of diverse learners in a range of sociocultural contexts.

CRP409 English Education Curriculum Studies 3

Pre-requisites	CRP408 or CLP409. CRP408 can be enrolled in the same teaching period as CRP409
Equivalents	CLP410
Credit Points	12
Campus	External
Availabilities	External - SEM-2

In this unit, you will develop and implement your understanding of the range of disciplinary approaches (such as Literary and Cultural Studies, Film and Media Studies, and sociolinguistics) which contribute to senior secondary English curriculum and pedagogy. The policy context is the Queensland English Syllabus for Years 11 and 12, Senior English Communication (SAS), the Senior English Extension (Literature) Syllabus, and school to work transition programs. There will be a gradual transition to the Australian Curriculum Senior years as the state moves to this framework (post 2018). You will learn to evaluate and develop English work programs for a wide range of culturally and linguistically diverse students in the post-compulsory years.

CRP410 Social Education Curriculum Studies 1

Equivalents	CLP414
Credit Points	12
Campus	External
Availabilities	External - SEM-1

This is the first of three complementary units in Social Education curriculum aimed at preparing you to teach Social Science subjects in the lower secondary school. This unit focuses on recent developments within the curriculum area of social education, with particular reference to the subjects in the learning area of Humanities and Social Sciences, a key priority in the Australian Curriculum. It explores the theoretical context for

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these curriculum areas, and places emphasis on the links between theory and practice.

CRP411 Social Education Curriculum Studies 2 (Geography)

Pre-requisites	CRP410 or CLP414. CRP410 can be enrolled in the same teaching period as CRP411
Equivalents	CLP415
Credit Points	12
Campus	External
Availabilities	External - SEM-1

This is the second of three complementary units to be taken in the Social Education stream. This unit has been designed specifically to prepare you for a professional role as a teacher of geography in the years of secondary school. It will build on the planning and teaching strategies developed in your first curriculum studies unit. In this second curriculum unit you will explore in depth theories that influence approaches to teaching in geography and ways of catering for diversity in the classroom.

CRP412 Social Education Curriculum Studies 2 (History)

Pre-requisites	CRP410 or CLP414. CRP410 can be enrolled in the same teaching period as CRP412
Equivalents	CLP416
Credit Points	12
Campus	External
Availabilities	External - SEM-1

This is the second of three complementary units in Social Education curriculum designed to prepare you for a professional role as a teacher in the learning area of Humanities and Social Sciences in the secondary school. This unit builds on the focus of your first curriculum studies unit and extends your knowledge and understanding by exploring the nature of history, historical inquiry and theories that influence approaches to teaching history.

CRP414 Social Education Curriculum Studies 3

Pre-	CRP405 or CRP411 or
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requisites	CRP412 or CRP413 or CLP406 or CLP415 or CLP416 or CLP417. (CRP405 or CRP411 or CRP412 or CRP413) can be enrolled in the same teaching period as CRP414
Equivalent s	CLP418
Credit Points	12
Campus	External
Availabilities	External - SEM-2

This is the third of three complementary units in Social Education curriculum. The aim of this unit is to provide you with opportunities to develop an understanding of the ways in which new policies and initiatives have impacted on teaching and learning in the Humanities and Social Sciences in the Australian Curriculum and in specific discipline studies in the senior school.

CRP423 Mathematics Education Curriculum Studies 1

Equivalents	MDP456
Credit Points	12
Campus	External
Availabilities	External - SEM-1

This unit provides an introduction to the learning and teaching of mathematics and to begin the development of your understanding of learning environments conducive to the effective learning of mathematics. This unit focusses primarily upon mathematics education in the junior -secondary school.

CRP424 Mathematics Education Curriculum Studies 2

Pre-requisites	CRP423 or MDP456. CRP423 can be enrolled in the same teaching period as CRP424
Equivalents	MDP457
Credit Points	12
Campus	External
Availabilities	External - SEM-1

This unit deepens your understanding of the principles and pedagogies of mathematics teaching used in secondary school mathematics classrooms. The unit further explores mathematics curricula typically encountered in Queensland secondary schools, and considers the

design and implementation of mathematics curriculum at the senior-school level.

CRP425 Mathematics Education Curriculum Studies 3

Pre-requisites	CRP424 or MDP457. CRP424 can be enrolled in the same teaching period as CRP425
Equivalents	MDP458
Credit Points	12
Campus	External
Availabilities	External - SEM-2

This unit extends your knowledge and understanding of mathematics curriculum with an emphasis on promoting the life-related application of mathematics and on practices that cater for the range of students engaged in secondary education.

CRP426 Science Education Curriculum Studies 1

Equivalents	MDP459
Credit Points	12
Campus	External
Availabilities	External - SEM-1

This unit will provide you with opportunities to examine core educational theory in order to understand the basis for teaching and learning in science including how to establish and manage effective learning environments.

CRP427 Science Education Curriculum Studies 2

Pre-requisites	CRP426 or MDP459. CRP426 can be enrolled in the same teaching period as CRP427
Equivalents	MDP460
Credit Points	12
Campus	External
Availabilities	External - SEM-1

This unit is to provide an opportunity for you to develop as a learner-centred science teacher in the context of senior schooling, who can plan to meet the needs of individual students in a varied, stimulating and safe environment.

CRP428 Science Education Curriculum Studies 3

Pre-requisites	CRP427 or MDP460 or CRP429 or MDP462 or CRP430 or MDP463 or CRP431 or MDP464 or CRP432 or MDP465. (CRP427 or CRP429 or CRP430 or CRP431 or CRP432) can be enrolled in the same teaching period as CRP428
Equivalent s	MDP461
Credit Points	12
Campus	External
Availabilities	External - SEM-2

This unit provides opportunities for you to draw on the understandings, skills and resources you have developed so far to design effective work programs and unit plans for teaching senior science.

CRP429 Biology Curriculum Studies 2

Pre-requisites	CRP426 or MDP459. CRP426 can be enrolled in the same teaching period as CRP429
Equivalents	MDP462
Credit Points	12
Campus	External
Availabilities	External - SEM-1

This unit provides an opportunity to develop as a learner-centred Biology teacher who can plan to meet the needs of individual students in a varied, stimulating and safe environment.

CRP430 Chemistry Curriculum Studies 2

Pre-requisites	CRP426 or MDP459. CRP426 can be enrolled in the same teaching period as CRP430
Equivalents	MDP463
Credit Points	12
Campus	External
Availabilities	External - SEM-1

This unit encourages students to develop as a learner-centred Chemistry teacher who can plan to meet the needs of individual students in a varied, stimulating

and safe environment. Students also develop a critically reflective orientation to their teaching experiences.

CRP431 Earth Science Curriculum Studies 2

Pre-requisites	CRP426 or MDP459. CRP426 can be enrolled in the same teaching period as CRP431
Equivalents	MDP464
Credit Points	12
Campus	External
Availabilities	External - SEM-1

This unit encourages students to develop as a learner-centred science teacher who can plan to meet the needs of individual students in a varied, stimulating and safe environment. Students develop a critically reflective orientation to their teaching experiences.

CRP432 Physics Curriculum Studies 2

Pre-requisites	CRP426 or MDP459. CRP426 can be enrolled in the same teaching period as CRP432
Equivalents	MDP465
Credit Points	12
Campus	External
Availabilities	External - SEM-1

This unit encourages students to develop as a learner-centred Physics teacher who can plan to meet the needs of individual students in a varied, stimulating and safe environment. Students develop a critically reflective orientation to their teaching experiences.

CSB012 Introduction to Medical Radiations

Equivalents	PCB178
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides an overview of the physical principles of the various medical imaging modalities and techniques used in patient imaging. It includes a brief overview of those techniques used in the diagnosis and treatment of cancer.

CSB013 Introduction to Radiation Therapy

Co-requisites	CSB111 and PCB272
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides an overview of the principles of radiation therapy. It includes an introduction to the role and function of the radiation therapist in providing patient care.

CSB020 Systematic Imaging Pathology

Anti-requisites	LSB367, LSB475
Equivalents	PCB252
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The unit introduces general cellular pathology and applies these principles to the major systems of the body including the gastrointestinal, cardiac, respiratory, urogenital, skeletal and nervous systems. Through lectures and practical classes, you will learn to identify and describe the pathogenesis of common chronic conditions as well as acute medical emergencies typical in the Australian healthcare system. The knowledge and skills gleaned from the unit will underpin your subsequent clinical units.

CSB021 General Radiography 1

Pre-requisites	LSB142 and CSB012 and CSB022. CSB022 can be enrolled in the same teaching period as CSB021
Equivalent s	PCB276
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

A full and detailed knowledge of positioning techniques for skeletal radiography is essential to the education of medical imaging technologists. This unit is designed to provide students knowledge of skeletal radiography, and imaging practices.

CSB022 Radiographic Practice

Pre-requisites	CSB111 and CSB012 and CSB021 and PCB272. CSB021 can be enrolled in the same teaching period as CSB022
Equivalent s	PCB277
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit is the first unit in radiographic positioning of your course and builds on the foundation knowledge from semester 1. The unit focuses on pre-clinical skills development in the on-campus laboratory and includes a clinical placement in a hospital context. During the placement you will observe the role of the radiographer in a range of contexts within a hospital setting.

CSB025 Principles of Radiation Therapy Planning and Treatment

Pre-requisites	CSB013 and PCB272 and CSB111
Anti-requisites	CSB023, CSB024
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit is the first unit in Radiation Therapy planning and treatment of your course and builds on your foundation knowledge from CSB013 introduction to Radiation Therapy from semester 1.

CSB030 Clinical Radiotherapy 1

Pre-requisites	CSB023 and CSB024 and LQB389 and PCB675
Equivalents	CSB038, PCB351
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit is the first of four dedicated clinical units and provides students with the opportunity to build on their basic clinical skills.

CSB032 Radiation Therapy 2

Pre-requisites	CSB023 and CSB024 and PCB675 and LQB389
Equivalents	CSB039
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit builds on the fundamental principles of treatment gained in CSB023 and CSB024, and enables students to apply this to a range of common tumour sites. In order to prepare students for treatment clinically, students will have the opportunity to utilise the simulated virtual environment to practise routine treatment scenarios.

CSB033 Clinical Radiography 1

Pre-requisites	(CSB022 or PCB277) and (CSB021 or PCB276) and LSB142
Co-requisites	CSB034
Equivalents	PCB359
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

CSB034 General Radiography 2

Pre-requisites	(CSB021 or PCB276) and (CSB022 or PCB277) and LSB142
Co-requisites	CSB033
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit is designed to extend the student's knowledge of skeletal radiography, minor procedures, and imaging practices. The practical sessions are designed to develop positioning skills through role play and taking radiographs of sectional models to become familiar with radiographic appearances.

CSB035 Treatment Planning 2

Pre-requisites	CSB023 and CSB024 and LQB389
Equivalents	CSB090
Credit Points	12
Campus	Gardens Point

Availabilities	Gardens Point - SEM-1
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This unit builds on the fundamental dosimetry understanding gained in Treatment Planning 1 and enables students to apply this to a range of common tumour sites. In order to prepare them for clinical planning, students will have the opportunity to produce clinically acceptable plans for these routine tumour sites and start to develop essential plan evaluation skills.

CSB036 Medical Imaging Methods

Pre-requisites	CSB012 and PCB272
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit further develops your knowledge of radiation physics as it applies to the operation of imaging equipment. It links to the introductory information provided in CSB012 and PCB272 and extends it to the understanding of the digital image, image processing, image display techniques and storage. Quality control and quality assurance of imaging equipment operation is also provided.

CSB037 Medical Imaging Applications in Radiation Therapy

Pre-requisites	LQB389 and CSB025
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces you to a range of imaging modalities. This unit builds on the regional and sectional anatomy understanding gained in Year 1 to enable identification of relevant anatomical structures. This unit will be followed by CSH059 Advanced Imaging Applications in Year 3.

CSB038 Clinical Radiation Therapy 1

Pre-requisites	CSB025 and PCB675
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens

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This unit is the first of four dedicated clinical units and provides you with the opportunity to build on your basic clinical skills.

CSB039 Radiation Therapy Treatment 1

Pre-requisites	CSB025 and PCB675 and LQB389
Equivalents	CSB032
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit builds on the fundamental principles of treatment gained in CSB025 Principles of Radiation Therapy Planning and Treatment, and enables you to apply this to a range of common tumour sites. In order to prepare you for treatment clinically, you will have the opportunity to utilise the simulated virtual environment to practise routine treatment scenarios.

CSB040 Applied Medical Imaging

Pre-requisites	LQB389 or LQB390
Equivalents	PCB452
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit prepares both radiation therapy and medical imaging students for clinical use of patient images. It builds on the regional and sectional anatomy understanding gained in Year 1 to enable identification of relevant structures in a range of medical images.

CSB041 Specialised Imaging Techniques

Pre-requisites	CSB033 and CSB034 and CSB044. CSB044 can be enrolled in the same teaching period as CSB041
Equivalent s	PCB476
Credit Points	12
Campus	Gardens Point
Availabilitie s	Gardens Point - SEM-2

This unit includes specialised techniques of radiography including imaging techniques for the skull, and accident and emergency imaging. Approaches to imaging for the diversity of population including consideration of culture, age, gender and body habitus. The unit also includes an introduction to image interpretation.

CSB042 Clinical Radiotherapy 2

Pre-requisites	CSB030 and CSB032 and CSB035
Equivalents	CSB047
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit is the second of a series of clinical units that provide students with the opportunity to consolidate their academic learning in a clinical environment.

CSB043 Radiation Therapy 3

Pre-requisites	CSB030 and CSB032 and CSB035
Equivalents	CSB048, PCB457
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit is the third in a series of Radiation Therapy units and builds on the knowledge and skills gained in the previous two units.

CSB044 Clinical Radiography 2

Pre-requisites	CSB033 and CSB041. CSB041 can be enrolled in the same teaching period as CSB044
Equivalents	PCB459
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

This unit offers an opportunity to progress from assistant to supervised performer in routine imaging techniques and procedures. This extended period of clinical experience at the end of on campus unit delivery, will enable you to gain experience in the new area clinical placement area of computed tomography.

This is in addition to consolidating skills in general radiography, and minor procedures, and also assisting in the further development of your professionalism and reflective practice.

CSB045 Treatment Planning 3

Pre-requisites	CSB030 and CSB032 and CSB035 and LQB389
Equivalents	CSB049, PCB495
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit builds on the planning experience gained in the previous treatment planning units to focus on the application of more in-depth knowledge to complex 3D treatment planning practice. This will consolidate understanding of 3D treatment planning concepts on specific treatment sites and pave the way for progression to more advanced treatment techniques.

CSB046 Complementary Imaging Techniques

Pre-requisites	CSB012 or PCB178
Equivalents	PCB477
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Medical imaging technologists are required to utilise a number of imaging modalities to assist in the diagnosis of disease. Proper utilisation of equipment requires an understanding of the underlying physical principles. Knowledge of the clinical applications enables an appreciation of the overall medical imaging strategies available in a patient's clinical management. The aim of this unit is to provide an appreciation of the physical principles and the complementary nature of the clinical applications of ultrasound and nuclear medicine.

CSB047 Clinical Radiation Therapy 2

Pre-requisites	CSB038 and CSB039 and CSB090
Equivalents	CSB042

Units

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit is the second of a series of clinical units that provides you with the opportunity to consolidate your academic learning in a clinical environment.

CSB048 Radiation Therapy Treatment 2

Pre-requisites	CSB038 and CSB039 and CSB090
Equivalents	CSB043
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit is the third in a series of discipline specific Radiation Therapy units and builds on the knowledge and skills gained in the previous units CSB025 Principles of Radiation Therapy Planning and Treatment and CSB039 Radiation Therapy Treatment 1.

CSB049 Radiation Therapy Planning 2

Pre-requisites	CSB038 and CSB039 and CSB090 and LQB389
Equivalents	CSB045
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit builds on the planning experience gained in the previous treatment planning units to focus on the application of more in-depth knowledge of complex 3D treatment planning practice. This will consolidate understanding of 3D treatment planning concepts for specific treatment sites and pave the way for progression to more advanced treatment planning techniques.

CSB050 Professional Practice in Radiation Therapy

Pre-requisites	CSB042, CSB043 and CSB045
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit prepares students to engage in ongoing professional learning by reinforcing the importance of professional practice, cultural awareness and professional engagement.

CSB051 Advanced Radiographic Technique 1

Pre-requisites	(CSB041 or PCB476) and (CSB044 or PCB479)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The unit will provide a theoretical and practical understanding on which to build skills in the evaluation and interpretation of radiographic images and recognition of common pathological processes. Practical sessions will extend the practical and interpretative skills involved in image interpretation of general radiography.

CSB052 Clinical Radiotherapy 3

Pre-requisites	CSB042 and CSB043 and CSB045
Equivalents	CSB091, PCB591-1
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Experience in clinical departments is essential in developing clinical competence and meeting professional capabilities. This unit is designed to build on the experience gained in previous clinical units to further develop your clinical and interpersonal skills.

CSB053 Clinical Radiography 3

Pre-requisites	CSB044 or PCB479
Equivalents	PCB581-1
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit offers an opportunity to observe and assist in the performance of advanced imaging techniques and procedures is important to the education of medical imaging students. The periods of clinical experience in this full year unit will enable you to gain experience in

advanced imaging procedures and modalities in addition to consolidating skills in general radiography and minor procedures.

CSB053 Clinical Radiography 3

Pre-requisites	CSB053-1 or PCB581-1
Equivalents	PCB581-2
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit offers an opportunity to observe and assist in the performance of advanced imaging techniques and procedures is important to the education of medical imaging students. The periods of clinical experience in this full year unit will enable you to gain experience in advanced imaging procedures and modalities in addition to consolidating skills in general radiography and minor procedures.

CSB054 Radiation Therapy 4

Pre-requisites	CSB042 and CSB043 and (CSB045 or PCB495)
Equivalents	CSB092, PCB587
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Students will need to gain practical skills in order to become competent radiation therapists and this unit provides them with the underpinning theory and simulated practice.

CSB055 Treatment Planning 4

Pre-requisites	CSB042 and CSB043 and CSB045
Equivalents	CSB093, PCB595
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit builds on the planning experience gained in Treatment Planning 3 to concentrate on application and evaluation of complex techniques and technology. In order to further prepare them for clinical planning, students will have the opportunity to plan complex

Units

tumour sites. Students will also gain valuable plan evaluation and critical appraisal skills.

CSB056 Computed Tomography Imaging

Pre-requisites	LQB390
Equivalents	PCB681
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit covers both the technological and clinical aspects of computed tomography(CT). Clinical applications described include those for specific anatomical areas as well as advanced and interventional applications. The strengths and weaknesses of CT in relation to other imaging modalities are discussed.

CSB058 Clinical Radiography 3

Pre-requisites	CSB041 and CSB044
Co-requisites	CSB046
Equivalents	CSB053-1 and CSB053-2
Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit offers an opportunity to observe and assist in the performance of advanced imaging techniques and procedures. The extended period of clinical experience in this semester will enable you to gain experience in new areas in addition to consolidating skills in general radiography and minor procedures, and also assist in the further development of your professionalism and reflective practice.

CSB060 Specialised Radiotherapy Technique

Pre-requisites	CSB054 and CSB055
Equivalents	CSB069, PCB687
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit includes specialised radiation therapy techniques and equipment. It also covers the principles, and development of technology that is integral to the treatment of cancer.

CSB061 Project

Pre-requisites	CSB041 or PCB476 or CSB043 or PCB397-2
Equivalents	PCB672-1
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This is a supervised project involving either application of existing theoretical practical knowledge or a literature survey of a selected relevant topic. (12 credit points achieved at completion of PCB672-1 and PCB672-2). Introductory lectures in research methods and statistics are provided.

CSB061 Project

Pre-requisites	CSB061-1 or PCB672-1
Equivalents	PCB672-2
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The purpose of this unit is to enable you to carry out an independent enquiry within a professionally related area. An introduction to the research process is important preparation for future professional studies. This full year unit will assist you to develop skills in research and reporting writing as independent learners. During semester two you will prepare a report and poster on a chosen topic. (12 credit points achieved at completion of PCB672-1 and PCB672-2.)

CSB063 Magnetic Resonance Imaging

Pre-requisites	LQB390
Equivalents	PCB682
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Magnetic Resonance Imaging is a specialised modality within the field of medical radiations. The applications of magnetic resonance imaging have a wide

impact on differential diagnoses and subsequent radiographic examinations. This unit will provide you with an introduction to the operation and clinical applications of magnetic resonance imaging.

CSB064 Advanced Treatment Planning Topics

Pre-requisites	CSB054 and CSB055
Equivalents	CSB094, PCB695
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit builds on the planning experience gained in "Treatment Planning 4" to concentrate on the application of more in-depth knowledge of complex planning practice. This will consolidate understanding of 3D treatment planning concepts and introduce more advanced treatment planning techniques.

CSB065 Advanced Radiation Practice

Equivalents	PCB600
Other requisites	Prior qualification in Medical Radiations Profession is required to enrol
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The specialised and technically specific nature of each student's previous program in medical radiations requires a customised approach. This unit is necessary to provide an appropriate focussed theoretical and clinical support program to those students who have a prior qualification in the profession.

CSB066 Clinical Radiotherapy 4

Pre-requisites	CSB050 and CSB052 and CSB054 and CSB055
Equivalents	CSB095, PCB591-2
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point

Units

- SEM-2, SUM

This unit is the final clinical unit in the course, where both academic and clinical learning will be consolidated.

CSB067 Clinical Radiography 4

Pre-requisites	CSB058
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit offers an opportunity to observe and assist in the performance of advanced imaging techniques and procedures. This second period of clinical experience in this year will enable you to gain further experience in new areas and contexts. This is in addition to enhancing your skills in general radiography and minor procedures, and also assisting in the further development of your professionalism and reflective practice.

CSB069 Radiation Therapy Treatment 4

Pre-requisites	CSB092 and CSB093
Equivalents	CSB060
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit includes specialised radiation therapy techniques and equipment. It also covers the principles, and development of technology that is integral to the treatment of cancer.

CSB070 Transition to Professional Practice 1

Pre-requisites	CSB067 and (CSB068 or CSH068)
Co-requisites	CSB071
Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit is a capstone unit which integrates your previously developed knowledge and skills to the professional clinical context. The unit focuses on professional approaches to scope of clinical practice and includes online learning activities. You will consolidate

your professional practice skills in workload management and clinical efficiency particularly in relation to general radiography and minor procedures, undertaking this unit within a clinical imaging context. You will be supported to transition to elements of intellectual independence in a supervised environment.

CSB071 Clinical Radiography 5

Pre-requisites	CSB067
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit offers an opportunity to perform advanced imaging techniques and procedures under supervision and a team member. This period of clinical experience will enable you to gain further experience in new areas and contexts. This is in addition to enhancing your skills in general radiography and minor procedures, and also assisting in the further development of your professionalism and reflective practice.

CSB072 Review of Contemporary Clinical Practice

Pre-requisites	(CSB600 or CSH600) and (CSB068 or CSB069 or CSH068)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit focuses on your review of a topic of your choice from contemporary medical imaging clinical practices using the skills you developed in previous units. The unit requires you to participate as part of a small group. It links to the experiences you have had during clinical placement experience, and prepares you for the final semester capstone units.

CSB090 Radiation Therapy Planning 1

Pre-requisites	CSB025 and PCB675 and LQB389
Equivalents	CSB035
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit builds on the fundamental

dosimetry understanding gained in CSB025 Principles of Radiation Therapy Planning and Treatment, and enables you to apply this understanding to a range of common tumour sites. In order to prepare you for treatment planning, you will have the opportunity to produce clinically acceptable plans for these routine tumour sites and start to develop essential plan evaluation skills.

CSB091 Clinical Radiation Therapy 3

Pre-requisites	CSB047 and CSB048 and CSB049
Equivalents	CSB052
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Experience in clinical departments is essential in developing clinical competence and meeting professional capabilities. This unit is designed to build on the experience gained in previous clinical units to further develop your clinical and interpersonal skills.

CSB092 Radiation Therapy Treatment 3

Pre-requisites	CSB047 and CSB048 and CSB049
Equivalents	CSB054
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

You will need to gain practical skills in order to become competent radiation therapists and this unit provides you with the underpinning theory and simulated practice.

CSB093 Radiation Therapy Planning 3

Pre-requisites	CSB047 and CSB048 and CSB049
Equivalents	CSB055
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit builds on the planning experience gained in previous planning units for further application and evaluation

of complex planning techniques. In order to prepare you for clinical planning, you will have the opportunity to plan challenging tumour sites utilising clinical planning software. You will also gain valuable plan evaluation and critical appraisal skills.

CSB094 Radiation Therapy Planning 4

Pre-requisites	CSB092 and CSB093
Equivalents	CSB064
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit builds on the planning experience gained in CSB093 Radiation Therapy Planning 3 to concentrate on the application of more in-depth knowledge of complex planning practice. This will consolidate understanding of 3D treatment planning concepts and introduce more advanced treatment planning techniques.

CSB095 Clinical Radiation Therapy 4

Pre-requisites	CSB091 and CSB092 and CSB093
Equivalents	CSB066
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit is the final clinical radiation therapy unit in the course where both academic and clinical learning will be consolidated. By the completion of this unit all of the clinical achievements will have been met and you will progress to CSB073 Transitioning to Professional Practice I.

CSB111 Foundations of Clinical Practice

Equivalents	PUB442
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

Clinical health professionals work in interprofessional teams within the health care system to provide optimal care to

individuals and communities. The nature and standards of professional practice are determined by government and professional organisations, and the scope of clinical practice for clinicians evolves in response to community needs. There is a community expectation that clinical health care professionals will be effective communicators who engage in ethical practice that is continually improved through ongoing reflection. This unit introduces students to these concepts as they apply to professional practice.

CSB330 Foundations of Paramedic Practice 1

Equivalents	PUB180
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is an introduction to ambulance practice and the role of paramedics within the health care spectrum. This unit focuses on introducing the role of a paramedic, patient assessment, introducing clinical skills and equipment used by paramedics and self-care. It begins to prepare you for your first clinical practice unit.

CSB331 Paramedic Clinical Practice 1

Pre-requisites	(LSB282 or LQB185 or LQB281) and (CSB332 or PUB280)
Equivalents	PUB270
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SUM

This unit is the first in a series of supervised clinical practice units. Topics include the following: assessing, diagnosing, planning, implementing and evaluating patient care in the out of hospital phase of emergency care; effective scene management including logistics, safe access and egress, and patient extrication techniques; written and oral communication including patient interviews, radio procedures, writing ambulance report forms and patient handover at hospital. The placement is six weeks and provides a transition from observer to operational ambulance crew member under the supervision of a qualified paramedic mentor. [Designated unit]

CSB332 Foundations of Paramedic Practice 2

Pre-requisites	CSB330 or PUB180
Equivalents	PUB280
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This is the second of three Foundations of Paramedic Practice units. This unit further develops your core clinical skills and your expertise in the use of ambulance equipment. These clinical skills are combined with paramedic attributes and communication skills, to enable you to fully assess, provisionally diagnose, and treat a range of conditions.

CSB333 Foundations of Paramedic Practice 3

Pre-requisites	CSB331 or PUB270 or (LSB111 for Graduate Entry Students). LSB111 can be studied in the same teaching period as CSB333
Equivalent s	PUB383
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The ability to perform as a paramedic is underpinned by the need to establish core clinical skills in relation to the breadth of health issues encountered in the out of hospital environment. This unit prepares you by embedding core aptitudes which will permit future units to build upon the knowledge and skills introduced here. You will not only determine the importance of the application of clinical skills but also be taught the judicious application of those skills, which, supported by evidence, will add value to patient health outcomes. It links to the work previously undertaken in CSB330 Foundations of Paramedic Practice 1 and CSB332 Foundations of Paramedic Practice 2. It prepares you for subsequent clinical science units. Graduate entry students to the program will be able to access resources designed to assist with their integration on the paramedic science degree and familiarisation with equipment and systems.

CSB335 Paramedic Management of Cardiac, Respiratory and Neuro Emergencies

Pre-requisites	CSB333 or PUB383 or PUB390
Equivalents	PUB451
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit further develops your clinical knowledge and skills relating to the management of cardiac, neuro and respiratory emergencies in the pre-hospital environment. The unit focuses on the more common clinical problems encountered by paramedics enabling you to develop your patient care and management capabilities.

CSB336 Paramedic Management of Medical and Surgical Emergencies

Pre-requisites	CSB333 or PUB383 or PUB390
Equivalents	PUB452
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

As a paramedic you will be required to manage patients with life threatening as well as acute exacerbation of chronic illnesses. This unit covers many of the medical and surgical emergencies seen in ambulance practice. The aim of this unit is for you to develop clinical skills for the management of patients suffering genitourinary, gastrointestinal, metabolic, endocrine, haematological, musculoskeletal, toxicological, toxinological, infectious disease and palliative emergencies for holistic paramedic practice.

CSB337 Paramedic Management of Trauma and Environmental Emergencies

Pre-requisites	CSB333 or PUB383 or PUB390
Equivalents	PUB453
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove

- SEM-2

This unit focuses on the management of trauma and environmental emergencies. It identifies the knowledge and skills necessary to effectively manage traumatic injury and environmental illness and emergencies in the out of hospital phase. An emphasis is placed on the development of clinical reasoning skills required to manage complex cases. The specialised care of the aged in the context of traumatic and environmental emergencies is also discussed.

CSB338 Ethics and the Law in Health Service Delivery

Equivalents	PUB486
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit explores the ethical and legal issues associated with the public sector in relation to health care in the out of hospital and hospital setting. It will provide knowledge on social and professional responsibilities relating to code of ethics, code of conduct and the legislation related to emergency health and hospital services. You are required to apply content knowledge using problem based learning. The unit builds on practical aspects of patient documentation taught in CSB333 in relation to legal requirements. The unit also builds upon practical aspects of inter-professional relationships from CSB333 through addressing legal and ethical issues in relation to criminal law and inter-professional responsibilities, as well as the reporting and referral to stakeholder groups with community based responsibilities.

CSB339 Paramedic Management of Lifespan Emergencies

Pre-requisites	CSB333 or PUB383 or PUB390
Equivalents	PUB566
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit focuses on clinical management skills and underpinning knowledge of patients with abnormal obstetric presentations and a broad range of emergent and life threatening paediatric clinical problems. Building on other

paramedic clinical subjects, the unit of the medical, social and environmental needs relevant to the management of the elderly patient will be explored. You will further develop your clinical reasoning skills underpinning the management of these groups of patients through inquiry-based learning to ensure the delivery of compassionate evidence-based care.

CSB340 Major Incident Management

Pre-requisites	(CSB335 or PUB451) and (CSB336 or PUB452) and (CSB337 or PUB453)
Equivalents	PUB567
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

As ambulance paramedics you may be required to deal with emergency situations involving large numbers of patients and/or in the setting of complex health emergencies. These events can be challenging and difficult to manage. This unit will give you underpinning knowledge and skills to apply a context-responsive health and social care needs assessment and the clinical actions to manage these incidents.

CSB341 Mental Health Issues in the Out-of-Hospital Environment

Pre-requisites	(CSB331 or PUB270) and (PYB007 or PYB111)
Equivalents	PUB568
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

A significant proportion of calls for ambulance assistance relate to mental health concerns. As a practising health care professional you will require a contemporary understanding of mental health issues and the range of services available to people experiencing acute and chronic mental health issues. You will examine key mental health issues across the life-span and will develop an understanding of both acute and chronic presentations. This unit emphasises the importance of understanding mental health issues from the perspective of the patient, their carers' and other health care providers.

CSB342 Paramedic Clinical Practice 2

Pre-requisites	(CSB331 or PUB270) and (CSB340 or PUB567 or PUB555). CSB340 can be studied in the same teaching period as CSB342
Equivalent s	PUB532
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is the second in a series of supervised clinical practice units designed to further develop your knowledge, skills and application of paramedic practice. Topics include the following: assessing, diagnosing, planning, implementing and evaluating patient care in the out of hospital phase of emergency care; effective scene management including logistics, safe access and egress, and patient extrication techniques; written and oral communication including patient interviews, radio procedures, writing ambulance report forms and patient handover at hospital. The placement is six weeks and provides a transition from observer to operational ambulance crew member under the supervision of a qualified paramedic mentor. [Designated unit.]

CSB343 Paramedic Clinical Practice 3

Pre-requisites	CSB342 or PUB532 or PUB470
Equivalents	PUB673
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit is the third in a series of supervised clinical practice units designed to further develop your knowledge, skills and application of paramedic practice. At this stage of your degree you have now been exposed to the core content of the course. This unit synthesises your application of knowledge, clinical skills of safe patient care to a level where you can confidently take the lead when managing more complex clinical presentations as a novice practitioner. During this clinical placement your mentor will be expecting more leadership and evidence-based

decision making from you as you consolidate your personal and professional readiness for practice. The placement is six weeks and provides a transition to an operational ambulance crew member under the supervision of a qualified paramedic mentor. [Designated unit.]

CSB346 Transition to Professional Paramedic Practice (Capstone)

Pre-requisites	CSB343 or PUB673 or PUB570. CSB343 can be studied in the same teaching period as CSB346
Anti-requisites	CSB344, CSB345
Equivalents	PUB680
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This capstone unit consolidates the knowledge, skills and attributes required for safe, competent and professional practice in the health workplace as a beginning level graduate paramedic. Learning outcomes of this unit integrate and synthesis previous clinical units and draw upon concepts, principles and theories that have been developed through your studies in paramedic and related sciences. Multiple and diverse practice topics use critical clinical reasoning, case-based learning and personal reflection to connect theory to Evidence-based practice. This capstone unit informs your transition towards the graduate paramedic role.

CSB420 Introduction to Pharmacy Practice

Pre-requisites	CSB111. CSB111 can be enrolled in the same study period as CSB420
Equivalents	SCB208
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This introductory unit will provide an overview of the activities of a community pharmacy, including the processing of prescriptions, complementary medicine products and other front of shop merchandise. Topics cover foundation practical knowledge and skills (needed for professional placements in later units)

together with retailing skills such as merchandising, stock control and computerised point of sales systems.

CSB421 Chemistry for Medicines

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Molecular Basis of Therapeutics is a first year unit that introduces the biochemistry of medicines, drugs and other therapeutic goods and their interaction with target biomolecules. Specifically, the unit will establish the interaction between the molecular, chemical and physical properties of drugs and therapeutic agents and how these properties affect their actions and interactions in living systems.

CSB430 Pharmacy Practice 1

Pre-requisites	CSB420 and CSB433. CSB433 can be studied in the same teaching period as CSB430
Equivalents	SCB308
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit will further develop your knowledge, skills and experience in supplying, dispensing and counselling in pharmacy practice. This unit will build on previous knowledge gained in CSB420 and require the application of that knowledge in the experiential placement.

CSB431 I Pharmacist

Pre-requisites	CSB111. CSB111 can be studied in the same teaching period as CSB431
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces the World Health Organisation (WHO) concept of the 8-star pharmacist, and the skills, attributes and competencies required to fulfil the responsibilities of a pharmacist, and the continuously evolving role of the profession in the improvement or maintenance of a patient's quality of life.

CSB432 Molecules to Medicines

Pre-requisites	CSB421
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This second year unit explores the sources and properties of drugs which form the biologically active and therapeutic components of medicines. We will take a molecule from its discovery, through the design and development phases to clinical trials. The chemistry of drugs and the biology of cells and their receptors provides a context to the therapeutic use of drugs.

CSB433 Pharmaceutical Chemistry and Pharmacology 1

Pre-requisites	LQB182 and CVB101
Equivalents	SCB338
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Pharmacists require a detailed understanding of the physicochemical properties of drugs and an appreciation of the process of drug discovery to facilitate an understanding of how the current range of medicines have been developed. This unit will also provide an understanding of the analytical chemistry techniques that are used to quantitate the active compounds in both pharmaceutical formulations and biological samples, and spectroscopic techniques used in structural elucidation of biologically active compounds. Additionally, this unit will introduce the discipline of pharmacology which examines the interaction of chemical substances with biological system which is fundamental to the understanding of the molecular actions of pharmaceutical products.

CSB440 Pharmacy Practice 2

Pre-requisites	CSB430 and CSB433. CSB433 can be studied in the same teaching period as CSB440
Equivalents	SCB408
Credit Points	12
Campus	Gardens Point

Availabilities	Gardens Point - SEM-2
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This unit will further develop your knowledge, skills and experience in supplying, dispensing and counselling in pharmacy practice. This unit will build on previous knowledge gained in CSB420 and require the application of that knowledge in the experiential placement.

CSB441 Quality Use of Medicines

Pre-requisites	CSB431 and CSB420. CSB420 can be studied in the same teaching period as CSB441
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Pharmacists have the responsibility to protect consumers from harm by managing and responding to the risk inherent in medication management systems. This unit explores the role and responsibilities of the pharmacist as an expert in their field who is focussed on patient care and the safe, efficacious, appropriate, judicious use of medicinal products.

CSB442 Pharmacokinetics

Equivalents	SCB428
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit presents the basic concepts of pharmacokinetics with an emphasis on clinical applications. It provides a rational approach to the establishment, optimization, and individualization of dosage regimens of drugs in patients.

CSB443 Medicinal Chemistry and Pharmacology 2

Pre-requisites	CSB433
Equivalents	SCB438
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

A detailed knowledge of medicinal chemistry and pharmacology is essential for the understanding of actions of drugs with endogenous molecular targets. This

unit continues to develop the basic principles developed in SCB338 and introduces the concept of structure activity relationships (SARs) which demonstrates the linkage between the chemical structure of drugs and their biological activity and selectivity. The medicinal chemistry of a number of major drug classes are examined in detail, including adrenergic, cholinergic, serotonergic and antihypertensive drugs. This unit also provides an extension of this knowledge in pharmacology and focuses on the drug classes that act on the cardiovascular, respiratory, eye, renal, gastrointestinal systems.

CSB444 Molecular Basis of Medicines

Pre-requisites	CSB432
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The unit, CSB444 Medicinal Chemistry, looks at how biologically active molecules affect the body and how the body interacts with these molecules. Using examples of the main classes of drugs, the unit identifies the common drug-receptor, drug-enzyme and drug-drug interactions that occur. The concepts of adverse drug effects and toxicity will be further explored.

CSB445 Patient centred care: Musculoskeletal Dermatological and Special Senses

Pre-requisites	CSB441. CSB441 can be studied in the same teaching period as CSB445
Co-requisites	CSB446
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit of study will integrate the clinical therapeutics of musculoskeletal, dermatological and special senses including the pharmacology, pharmaco-economics, pharmaceuticals, pharmacy practice and management considerations that underpin such drug therapies. This unit will also include the epidemiology, pathophysiology and clinical features of musculoskeletal, dermatological and special senses disorders. Through a problem-based learning approach, students will develop skills in

interpretation and application of pharmaceutical and pharmacotherapeutic concepts. Inter-professional communication and the application of your developing specialist knowledge to the implementation of clinical interventions and/or medication management review will also be explored.

CSB446 Patient centred care: Gastrointestinal

Co-requisites	CSB445
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit of study will integrate the clinical therapeutics of the gastrointestinal system including the pharmacology, pharmaco-economics, pharmaceuticals, pharmacy practice and management considerations that underpin such drug therapies. Through a problem-based learning approach, students will develop skills in interpretation and application of pharmaceutical and pharmacotherapeutic concepts. Inter-professional communication and the application of your developing specialist knowledge to the implementation of clinical interventions and/or medication management review will also be explored.

CSB450 Pharmacy Practice 3

Pre-requisites	CSB440 and CSB453. CSB453 can be studied in the same teaching period as CSB450
Equivalents	SCB508
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit will focus on the professional interaction of pharmacists with patients suffering from endocrine diseases, in particular diabetes, a variety of central nervous system (CNS) disorders including epilepsy, insomnia, anxiety and depression, Alzheimer's and Parkinson's disease, addiction and patients experiencing strong and debilitating pain from other disease states. Additionally, you will learn how to interact with patients withdrawing from drugs of addiction and the quality use of the both pharmacological and non-pharmacological therapies available for their treatment. This unit will also provide

you with further knowledge and skills in the preparation of extemporaneous pharmaceutical preparations in common demand in today's health care environment.

CSB451 Patient centred care: Cardiovascular

Pre-requisites	CSB446
Co-requisites	CSB454
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit of study will integrate the clinical therapeutics of the cardiovascular system including the pharmacology, pharmaco-economics, pharmaceuticals, pharmacy practice and management considerations that underpin such drug therapies. Through a problem-based learning approach, students will develop skills in interpretation and application of pharmaceutical and pharmacotherapeutic concepts. Inter-professional communication and the application of your developing specialist knowledge to the implementation of clinical interventions and/or medication management review will also be explored.

CSB452 Pharmaceuticals 1

Pre-requisites	CSB442
Equivalents	SCB528
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit is designed to provide knowledge relating to the physical and chemical properties of the components of pharmaceutical formulations. The formulation of drugs has a large influence on the route of administration, the onset and duration of action and the pharmacokinetic parameters that govern the drugs activity in the human body. This course will introduce you to the basic concepts and theories of pharmaceutical formulation and compounding with a focus on liquid and semi-solid dosage forms.

CSB453 Pharmacology 3

Pre-requisites	CSB443
Equivalents	SCB538
Credit Points	12

Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

A detailed knowledge of the pharmacology of drugs is essential for pharmacists to understand the therapeutic applications of pharmaceutical compounds and their concomitant adverse effects. This unit provides an extension of this knowledge and covers the drug classes that act on the central nervous system, endocrine system, anticancer drugs, drugs of abuse and pharmacotherapies for withdrawal syndromes.

CSB454 Patient centred care: Respiratory

Pre-requisites	CSB446
Co-requisites	CSB451
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit of study will integrate the clinical therapeutics of the respiratory system including the pharmacology, pharmaco-economics, pharmaceuticals, pharmacy practice and management considerations that underpin such drug therapies. Through a problem-based learning approach, students will develop skills in interpretation and application of pharmaceutical and pharmacotherapeutic concepts. Inter-professional communication and the application of your developing specialist knowledge to the implementation of clinical interventions and/or medication management review will also be explored.

CSB455 Patient centred care: Endocrine, Diabetes, Reproductive

Pre-requisites	CSB445
Co-requisites	CSB456
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit of study will integrate the clinical therapeutics of the endocrine, diabetes and reproductive system including the pharmacology, pharmaco-economics, pharmaceuticals, pharmacy practice and management considerations that underpin such drug therapies. Through a

problem-based learning approach, students will develop skills in interpretation and application of pharmaceutical and pharmacotherapeutic concepts. Inter-professional communication and the application of your developing specialist knowledge to the implementation of clinical interventions and/or medication management review will also be explored.

CSB456 Patient centred care: Oncology and Immunology

Pre-requisites	CSB445
Co-requisites	CSB455
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit of study will integrate the clinical therapeutics of oncology and immunology including the pharmacology, pharmaco-economics, pharmaceuticals, pharmacy practice and management considerations that underpin such drug therapies. Through a problem-based learning approach, students will develop skills in interpretation and application of pharmaceutical and pharmacotherapeutic concepts. Inter-professional communication and the application of your developing specialist knowledge to the implementation of clinical interventions and/or medication management review will also be explored.

CSB460 Pharmacy Practice 4

Pre-requisites	CSB450 and CSB463. CSB463 can be studied in the same teaching period as CSB460
Equivalents	SCB608
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The dispensing of schedule drugs to the community requires expertise in drug knowledge, packaging, labelling and health regulations, communication techniques, compounding processes and the ability to understand and validate the diagnosis of clinical conditions. This unit will provide students with expertise to dispense pharmaceutical drugs that are used in the treatment of infectious diseases.

CSB461 Pharmacogenomics and Drug Metabolism

Pre-requisites	CSB453
Equivalents	SCB638
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The effects of drugs in patients are determined in part by drug metabolizing enzymes. In addition, the ability of an enzyme to metabolize a drug is determined by genetic variability. A detailed understanding of these factors is necessary for pharmacists to understand drug selection, the biological fate of a drug following administration, the appropriate route of administration, the occurrence of adverse effects and the final effect of a drug. This unit will describe the biochemistry of drug metabolism and genetic factors (pharmacogenomics) that affect drug metabolism and variability of drug effects. The field of pharmacogenomics, is becoming increasingly important for understanding the contribution of the patient's genetic composition to drug effects.

CSB462 Pharmaceutics 2

Pre-requisites	CSB452
Equivalents	SCB628
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit is designed to extend the knowledge of pharmacy students in pharmaceuticals which is essential to their understanding of pharmaceutical product formulation. This unit will focus on solid dosage form design including tablets and capsules and the theory and practical aspects of controlled release formulations which are increasingly utilised in modern pharmaceutical formulations. Additionally, this unit will extend the student's expertise in the science of compounding of advanced pharmaceutical formulations.

CSB463 Pharmacotherapeutics 1

Pre-requisites	CSB453
Equivalents	SCB648
Credit Points	12
Campus	Gardens Point

Availabilities

Gardens Point
- SEM-2

A detailed knowledge of the pharmacology of drugs is essential for pharmacists to understand the therapeutic applications of pharmaceutical compounds and their concomitant adverse effects. This unit synthesises this knowledge and covers the drug classes that act in the treatment of infectious diseases.

CSB464 Patient centred care: Neurology

Pre-requisites	CSB451 and CSB455
Co-requisites	CSB465
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit of study will integrate the clinical therapeutics of neurology including the pharmacology, pharmaco-economics, pharmaceuticals, pharmacy practice and management considerations that underpin such drug therapies. Through a problem-based learning approach, students will develop skills in interpretation and application of pharmaceutical and pharmacotherapeutic concepts. Inter-professional communication and the application of your developing specialist knowledge to the implementation of clinical interventions and/or medication management review will also be explored.

CSB465 Patient centred care: Mental Health

Pre-requisites	CSB454 and CSB456
Co-requisites	CSB464
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit of study will integrate the clinical therapeutics of mental health including the pharmacology, pharmaco-economics, pharmaceuticals, pharmacy practice and management considerations that underpin such drug therapies. Through a problem-based learning approach, students will develop skills in interpretation and application of pharmaceutical and pharmacotherapeutic concepts. Inter-professional

communication and the application of your developing specialist knowledge to the implementation of clinical interventions and/or medication management review will also be explored.

CSB470 Pharmacy Practice 5

Pre-requisites	CSB460 and CSB473. CSB473 can be studied in the same teaching period as CSB470
Equivalents	SCB708
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The pharmacy practice units in the 4th year of the B Pharmacy course will provide both advanced and updated information on the dispensing and counselling of drugs using case based clinical scenarios. Additionally, students will be provided with information that will allow them to critically evaluate clinical trial design using studies of newly released drugs as a reference and the role of regulatory authorities during the process of drug approval. Through a series of case based problems and scenarios that will involve a diverse range of diseases and disorders, the students will gain experience in the skills required to dispense medication and effectively communicate drug knowledge to patients.

CSB473 Pharmacotherapeutics

2

Pre-requisites	CSB463
Equivalents	SCB748
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

A number of factors must be considered before a decision concerning the appropriate drug is prescribed and dispensed to patients. This unit will provide a pathophysiological approach to the identification of cardiovascular, respiratory, renal, and endocrine disorders. Students will be instructed on the factors that determine the correct choice of therapeutic drug and the dosing regimen including drug toxicity, pharmacokinetics and pharmacodynamic consideration for the individual patient, drug-drug interactions and pharmacoeconomics considerations.

CSB475 Pharmacy Management

1

Equivalents	SCB758
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

In addition to their role as allied health care providers, pharmacists are often required to assist in the management of their workplace which consists of supervision and administration of a diverse staff roster, stock inventory and marketing strategies. This unit will provide knowledge and skills in the areas of business strategy, financial management, marketing, inventory management and category management. This knowledge is necessary for managers of community pharmacies or hospital pharmacy departments to be able to make informed business decisions.

CSB476 Professional Placements

1

Pre-requisites	CSB470. CSB470 can be studied in the same teaching period as CSB476.
Equivalents	SCB768
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The role of a contemporary pharmacist in providing healthcare products and advice consists of diverse range of skills and abilities in the preparation of pharmaceutical preparations, the dispensing of medications, counselling of patients and their families in their correct use and performing medication reviews. To assist students in developing expertise in these areas, this unit will provide real world experience through a long-term continuous placement in a community or hospital environment under the supervision of qualified preceptor. These placements will consist of a five (5) week block that will commence in the second half of the semester and assessment will consist of the documented completion of a assignments and experiential log book.

CSB480 Pharmacy Practice 6

Pre-requisites	CSB470 and CSB483. CSB483 can be studied in the same teaching period
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	as CSB480
Equivalents	SCB808
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The pharmacy practice units in the fourth year of the Bachelor of Pharmacy course will provide both advanced and updated information on the dispensing and counselling of drugs using case based clinical scenarios. Through a series of case based problems and scenarios that will involve a diverse range of diseases and disorders and aspects of pharmaceutical care, the students will gain experience in the skills required to dispense medication and effectively communicate drug knowledge to patients, and an understanding of the provision of primary health care in the Australian Health system.

CSB483 Pharmacotherapeutics

3

Pre-requisites	CSB473
Equivalents	SCB848
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Pharmacotherapeutics 3 is a final year unit which builds upon the knowledge of pathophysiology, pharmacology and therapeutics which you have previously obtained in the unit's pharmacotherapeutics I and II. This unit will 1). introduce you to the pathophysiology of neurological, oncological and renal disorders, 2). examine the therapeutic regimes used to treat these disorders and 3). provide you with a mechanistic rationale for the way in which these drugs function to alleviate symptoms of these disorders.

CSB485 Pharmacy Management

2

Pre-requisites	CSB475
Equivalents	SCB858
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit extends the knowledge of pharmacy students in areas of accounting and finance, management, HR and health

Units

care policy in relation to the management of a pharmacy business.

CSB486 Professional Placements 2

Pre-requisites	CSB476 and CSB480. CSB480 can be studied in the same teaching period as CSB486.
Equivalents	SCB868
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit is designed to extend the students experiential skills in working in either a community or hospital pharmacy environment. The design and timetabling of the unit is similar to SCB768 Professional Placements 1, but the emphasis will focus on the dispensing and counselling and QUMs of further drug classes and the management skills will be aligned with SCB858 Pharmacy Management 2. These placements will consist of a five (5) week block consisting of four working days that will commence in the second half of the semester and assessment will consist of the assignments and submission of a experiential log book.

CSB487 Clinical Skills

Pre-requisites	CSH471
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The effective delivery of primary health care services depends on the pharmacist working in partnership with consumers to ensure recommended treatments and strategies meet their clinical needs but are also practical and consistent with consumer preferences. The delivery of primary health care services by pharmacist is important for enhancing consumer access to needed care. This is of particular importance to consumers who experience difficulties in accessing the health service that they need. To build capacity for contribution in this area, this unit will develop clinical and practical skills such as administering vaccination.

CSB520 Disease Processes

Anti-requisites	LSB321, LSB361,
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	LSB367
Equivalents	LSB475
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit will provide you with a sound base knowledge of general cellular pathology, which includes cellular stress, cellular adaptation, cell death, neoplasia, inflammation, repair and immunity before applying this knowledge to the major systems of the body in order to understand the causes, pathogenesis and treatment underlying the common acute and chronic diseases prevalent in Australia. This unit will illustrate the multidisciplinary nature of modern healthcare and provide you with the knowledge and skills that are required for your subsequent clinical studies.

CSB521 Podiatric Medicine 1

Pre-requisites	LSB235 and LSB250
Equivalents	PUB339
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Professional practice as a podiatrist requires the integration of a wide range of knowledge, skills and personal attributes in the clinical setting. This unit introduces you to the clinical, theoretical and professional domains of podiatric practice. Students in this unit begin the transition to the unique and challenging role of clinician, as well as continuing academic learning. The application of prior knowledge e.g. anatomy, physiology and the acquisition of new knowledge, are encouraged through a case-based approach. Principles of evidence-based practice are introduced in a podiatric context.

CSB522 Podiatric Medicine 2

Pre-requisites	(CSB521 or PUB339) and (CSB520 or LSB475)
Equivalents	PUB439
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit builds on the foundational knowledge and clinical skills acquired in

Podiatric Medicine 1 enabling you to consolidate these skills and begin to effectively treat patients under staff supervision. The unit introduces you to concepts in clinical biomechanics, orthoses manufacture, the assessment and prescription of footwear, management of common foot conditions, the study of material medica and health issues in ageing and diabetes. The content is developed to enable you to integrate information from other units (Disease Processes, and Microbiology).

CSB523 Podiatric Clinical Gait Analysis

Pre-requisites	LSB235
Equivalents	PUB362
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The evidence provided by gait analysis technology is quantitative and facilitates sound clinical decision making. In order to select appropriate interventions it is necessary to evaluate gait and determine the musculoskeletal and neurological factors which influence lower limb disorders. The process of data collection, data selection and case evaluation in gait analysis is therefore fundamental and underpins the greater part of podiatry practice. It is important that these skills are acquired early in the course.

CSB525 Podiatric Medicine and Clinical Practice

Equivalents	PUB442
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit has been specifically designed for students who are entering the graduate entry podiatry course who have completed a prior degree in a health-related field (e.g. nursing, biomedical science). The unit introduces the knowledge and clinical skills required for podiatry students who are commencing patient management at the QUT Podiatry clinic.

CSB530 Pharmacotherapeutics for Podiatrists

Pre-requisites	LSB384 or PUB437 or CSB601
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Units

Equivalents	LSB584
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

There is a national movement toward podiatrists seeking and obtaining endorsement for the use of scheduled medicines in the treatment of patients with foot problems. This unit provides a theoretical background for practitioners who wish to use of these medicines as part of their clinical practice.

CSB531 Radiographic Image Interpretation

Pre-requisites	CSB521 or CSB522 or CSB525 or PUB439 or PUB442. CSB521 or CSB525 can be studied in the same teaching period as CSB531
Equivalent s	PUB537
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Diagnostic imaging is an integral part of contemporary podiatry practice. As a registered podiatry practitioner you are legally entitled to authorise the taking of x-rays for diagnostic purposes. The knowledge and skills covered in this unit are applied in various clinical settings on a regular basis.

CSB532 Medicine

Pre-requisites	CSB522 or CSB525 or PUB439 or PUB442
Co-requisites	CSB530
Equivalents	PUB438
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Many of the patients treated by podiatrists present with co-morbidity which affects their foot health. This unit is designed to give practitioners insight into medical conditions, their effects on both general and foot health, and an understanding of how appropriate foot care may be delivered with these factors in mind.

CSB533 Podiatric Medicine 3

Pre-requisites	CSB522 or CSB525 or PUB439 or PUB442
Equivalents	PUB539
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The key elements of the National Podiatry Competency Standards which focus on the physical examination and diagnosis of foot pathology of a biomechanical nature will be the guiding principles underpinning this unit. The unit allows you to further develop clinical practice skills by integrating content from other units such as Pharmacotherapeutics for Podiatrists, Disease Processes, Medicine, and Podiatric Radiology.

CSB536 Clinical Therapeutics for Podiatrists

Pre-requisites	CSB532 and (CSB530 or LSB584)
Co-requisites	CSH534
Equivalents	PUB662
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Podiatrists make clinical decisions which are complex and require the practitioner to consider legal, ethical, pharmacological, medical and patient factors as they determine the most efficacious therapeutic approaches to treatment. This unit provides a basis to acquire the practical skills to complete this task.

CSB538 Sports Medicine and Rehabilitation

Pre-requisites	(CSB522 and CSB531) or (CSB525)
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Podiatrists encounter patients with a wide range of musculoskeletal problems. This unit provides you with a theoretical and practical background in the diagnosis and management of orthopaedic and sports related injuries. The unit also concentrates on the principals of injury

management using the correct rehabilitative and physical therapy methods.

CSB539 Podiatric Anaesthesiology and Surgery

Pre-requisites	CSB530 and CSB532 and CSB533
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Podiatrists routinely perform surgery under local anaesthetics in a range of clinical settings. This unit is designed to give students the knowledge and skills associated with the safe administration of local anaesthetics and performance of minor surgical techniques.

CSB541 Professional Placement 1

Pre-requisites	CSH545 or PUB739. CSH545 can be studied in the same teaching period as CSB541
Equivalents	PUB738
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

CSB542 Professional Placement 2

Pre-requisites	CSB541
Equivalents	PUB838
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Workplace Integrated Learning (WIL) is integral to QUT's approach to learning and teaching. Professional competency requires an appreciation of foot health needs in the community, understanding of the role of podiatrists within the broader health care system, and capacity for team work and collaboration with a range of health professionals in an interdisciplinary environment. This unit will develop students' capacity for reflection and form the basis for lifelong learning in professional practice. Professional Placement 2 will build upon workplace integrated learning experiences in Professional Placement 1. This final

semester unit is designed to prepare students for entry into the workplace upon graduation as registered health professionals.

CSB544 Transition to the Clinical Profession

Pre-requisites	CSB545 or CSH545
Equivalents	PUB862
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The unit identifies the legal, ethical, financial and professional frameworks that guide practice management in the public and private health sectors. As pre-professionals, students combine administrative and organisational skills to ensure the delivery of safe, effective, efficient, high quality health services in compliance with relevant laws, policies and guidelines. Essential knowledge in accounting, marketing, human resources, project management and professional management is applied to 'real world' tasks to prepare the student for transition to the management responsibilities of professional practice.

CSB546 Podiatric Medicine 6

Pre-requisites	CSB545 or CSH545
Anti-requisites	PUB839
Equivalents	PUB840
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

In this final semester unit, students demonstrate proficiency in integrating knowledge and skills obtained throughout the course, applying them in a supervised university podiatry clinic setting. Clinical decisions are informed by relevant physical and diagnostic examinations, conducted within the framework of technological, ethical, financial and legal considerations and an evidence-based context. National and international medical, orthopaedic, pharmacological and podiatric perspectives guide the design, implementation and evaluation of complex patient management plans. At this point in the course, students will be expected to demonstrate clinical competencies at a level commensurate with national podiatry competency standards, professional guidelines and codes of conduct.

CSB601 Introduction to Clinical Therapeutics for Health

Pre-requisites	(LQB185 or LSB111 or LQB285 or LSB282 or LSB382 or LQD185) or ((LSB142 or LSB235) and (LQB281 or LSB250)). (LQB185 or LSB111 or LQB285 or LSB282 or LSB382) can be enrolled in the same study period as CSB601
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

Health practitioners play a variety of roles in relation to drug therapy for improved health outcomes in patients. Depending on your scope of practice, you might prescribe, dispense, administer or review and evaluate the effects of medications on patients in your care. In order to assume these roles and responsibilities consistent with clinical, professional, organisational and legislative requirements, knowledge of the pharmacology, clinical therapeutics and the principles of Quality Use of Medicines (QUM) must inform the health practitioner's medication decision-making. This unit forms a foundation for further clinical practice and will draw upon and expand your knowledge of body systems, physiology and disease processes that was taught in previous units.

CSH057 Image Interpretation

Pre-requisites	CSB041 and CSB044
Equivalents	CSB057
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit builds on both theoretical knowledge and technical skills achieved in first and second year radiography, anatomy and pathology units and concentrates on application of this knowledge to practice. The recognition of both normal and abnormal anatomy and the ability to describe the image appearances in respect to both technical and diagnostic quality is an important role in clinical practice.

CSH059 Advanced Imaging Applications

Pre-requisites	CSB037 and CSB048 and CSB049
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Radiation therapists are required to utilise a number of imaging modalities to assist in the planning of the patients' treatment and treatment delivery. This requires an appreciation of the medical imaging technologies available in a patient's clinical management to ensure an optimal patient plan and treatment. This unit further develops your knowledge, skills and application in imaging and builds on CSB037 Medical Imaging Applications in Radiation Therapy.

CSH068 Advanced Imaging Practice 1

Pre-requisites	(CSH057 or CSB057) and CSB058
Co-requisites	
Equivalents	
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit will expand and extend the knowledge and skills acquired from previous units in imaging investigations to advanced imaging applications. The unit integrates the skills and knowledge in clinical reasoning and problem solving previously developed across the curriculum, particularly in regard to advanced scope of practice roles, to prepare you for the capstone units, CSB070 Transition to Professional Practice 1 and CSB080 Transition to Professional Practice 2. Unit content includes application of advanced knowledge to advanced imaging techniques and roles.

CSH080 Transition to Professional Practice 2

Pre-requisites	CSB070 and CSB071 and (CSH068 or CSB068)
Equivalents	
Credit Points	24
Campus	Gardens Point

Units

Availabilities

Gardens Point
- SEM-2, SUM

This unit is a capstone unit which integrates your previously developed knowledge and skills to the professional clinical context. The unit focuses on professional approaches to scope of clinical practice and includes online learning activities. You will consolidate your professional practice skills in workload management and clinical efficiency particularly in relation to general radiography and minor procedures, undertaking this unit within a clinical imaging context. You will be supported to transition further to elements of intellectual independence in a supervised environment.

CSH081 Advanced Imaging Practice 2

Pre-requisites	CSB041, (CSH057 or CSB057), and (CSH068 or CSB068)
Equivalents	
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This capstone unit will integrate the knowledge and skills acquired from previous units in imaging investigations to advanced imaging applications. The unit integrates the skills and knowledge in clinical reasoning and problem solving previously developed across the curriculum, particularly in regard to advanced scope of practice roles. Unit content includes application of advanced knowledge to advanced imaging techniques and demonstration of your advanced radiographic imaging skills.

CSH471 Advanced Clinical Practice 1

Pre-requisites	CSB464, CSB465 and CSH474. CSH474 may be studied in the same teaching period as CSH471.
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This transition to practice unit assimilates the knowledge and skills gained through the previous three (3) years of the course to commence the transition from student to intern to practitioner. Advanced Clinical Practice 1 will integrate

knowledge from Patient Centred Care units with the sciences, evidence and other skills to enable students to embrace the complexities of "real world" practice.

CSH472 Business of Healthcare

Pre-requisites	CSB464 and CSB465
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Business drivers of the changing landscape of the profession e.g. increased competition, reduced profitability in some sectors, public health budgetary pressures, are influencing the role of the professional pharmacist, as are stakeholders. Stakeholders of the pharmacy business environment include the community pharmacy sector, hospital pharmacy sector, pharmaceutical industry, regulatory authorities, academia, and consumers. The pharmacist of the future will need to address global economic, social and environmental risks in their practice to prosper within environmentally sustainable limits and enhance social and economic equity. This unit explores emerging knowledge and develops skills in the implementation of professional service models, identified from global health priority areas, building upon a knowledge base of business management domains.

CSH474 Applying Research in Practice 1

Pre-requisites	(CSB600 or CSH600) and (CSH477 or CSH478). CSH477 and CSH478 can be studied in the same teaching period as CSH474
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The role of the pharmacist in providing holistic patient-centred care requires well developed capabilities in problem solving and analysis, communication, and interpersonal skills. This unit will provide "real world" experience through a placement in a community, hospital, rural or inter- professional environments under the supervision of qualified preceptors. Placement will consist of a four (4) week block, commencing in week 12, and include conducting an independent research project.

CSH477 Evidence-based Healthcare: Practice informing research 1

Pre-requisites	CSH600 or CSB600
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit further develops your team-working skills, and you will be required to apply your knowledge and laboratory practical skills to further develop your research skills, by investigating clinically relevant problems. Complementing the model of a healthcare cycle of evidence based practice, evidence is collated, and results appraised, synthesised and transferred to service delivery settings. Practice informs and drives research to investigate a clinically relevant question.

CSH478 Evidence-based Healthcare: Research informing practice 1

Pre-requisites	(CSH600 or CSB600) and completion of 288cps in CS47
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit focuses on the initial stages of independently conducting a scholarly piece of research. This includes designing, planning and communicating your research proposal to a scientific audience, and executing your research plan. In conducting this research, you will have the opportunity to collaborate with other professionals.

CSH481 Advanced Clinical Practice 2

Pre-requisites	CSH471 and CSH484. CSH484 can be studied in the same teaching period as CSH481
Co-requisites	CSB487
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This transition to practice unit focuses on

key aspects of performance and introduces advanced clinical practice as described by the Advanced Pharmacy Practice Framework (APPF). Advanced practice, as described by the Australian Pharmacy Council, is 'practice that is so significantly different from that achieved at initial registration that it warrants recognition by professional peers and the public, of the expertise of the practitioner and the education, training and experience from which that capability was derived'. This unit, a composite of the knowledge, skills and attributes (including values and beliefs) expected of a pharmacy graduate, focusses on complex health care issues and incorporates your professional performance, and commitment to continuous learning. This unit will also provide 'real world' experience through a placement in community, hospital, or interprofessional environments under the supervision of qualified preceptors. Placement will consist of a four (4) week block, commencing in week 12, and include conducting an independent research project.

CSH484 Applying Research in Practice 2

Pre-requisites	CSH474 and (CSH488 or CSH489) and CSH481. CSH488, CSH489 and CSH481 can be studied in the same teaching period as CSH484
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The role of the pharmacist in providing holistic patient-centred care requires well developed capabilities in researching, problem solving and analysis, communication, and interpersonal skills. Specifically this unit will focus on expanding skills in research methods such as preparing data for publication and presentation, and fostering new research ideas. This unit is designed to extend from CSH474 and to continue complementing the research project in CSH481.

CSH488 Evidence-based Healthcare: Practice informing research 2

Pre-requisites	CSH477
Credit Points	12
Campus	Gardens Point

Availabilities	Gardens Point - SEM-2
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Inter-professional and multi-skilled teams are necessary for successful translational research. This unit strengthens your team-working skills, application of knowledge, lab practical skills from previous studies and consolidation of research skills, to investigate clinically relevant problems. Complementing the model of a healthcare cycle of evidence based practice, evidence is collated, and results appraised, synthesised and transferred to service delivery settings. Practice informs and drives research to investigate a clinically relevant question.

CSH489 Evidence-based Healthcare: Research informing practice 2

Pre-requisites	CSH478
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit focuses on the initial stages of independently conducting and completing a scholarly piece of research. This includes designing, planning and communicating your research proposal to a scientific audience, and executing your research plan. In conducting this research, you will answer a practice related research question, consolidate and communicate your research findings to a scientific audience.

CSH534 Podiatric Medicine 4

Pre-requisites	CSB533
Equivalents	PUB639, CSB534
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Podiatrists are required to exercise high level clinical judgement in diverse settings. This unit is designed to equip students with these skills while participating in a range of specialty clinics with a significant focus on paediatric knowledge, diabetes management and therapeutic intervention.

CSH545 Podiatric Medicine 5

Pre-requisites	(CSH534 or CSB534) and CSB538
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Anti-requisites	
Equivalents	
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

CSH547 Current Theory of Podiatric Medicine

Pre-requisites	(CSH534 or CSB534) and (CSH545 or CSB545). (CSH545 or CSB545) may be studied in the same teaching period as CSH547.
Equivalent s	
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This final year unit integrates a broad scope of podiatric medicine knowledge, including management of the high risk foot, advanced diagnostic methods, paediatrics, gerontology and other relevant topics in medicine and orthopaedics. There is an emphasis on application of principles of evidence based medicine in podiatry practice. Theory covered in this unit supports the companion clinical units, Podiatric Medicine 5 and Professional Placement 1, which are comprised largely of Work Integrated Learning experiences.

CSH548 Podiatric Medicine 6 for Honours

Pre-requisites	CSH545 or CSB545
Equivalents	CSB548
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

In this final semester unit, honours students demonstrate proficiency in integrating advanced knowledge and skills obtained throughout the course, applying them in a supervised university podiatry clinic setting. Clinical decisions are informed by complex sources of information, including patient assessments, diagnostic examinations, ethical and legal frameworks and the best available evidence from clinical research. National and international medical, orthopaedic, pharmacological and

podiatric perspectives guide the design, implementation and evaluation of patient management plans. At this point in the course, honours students will be expected to demonstrate clinical competencies at a level commensurate with national podiatry competency standards, professional guidelines and codes of conduct.

CSH600 Evidence-Based Clinical Practice

Pre-requisites	CSB111
Equivalents	
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

The volume of medical and health care literature which is now available is significant and increases exponentially every year. As a practising health care professional, you will be expected to systematically inform your practice using sound scientific methods. Developing a skill set which allows you to identify the best available evidence and apply it judiciously to inform practice improvement is critical to fulfilling your role as a health care professional.

CSN021 Cardiac Ultrasound 1

Equivalents	PCN155
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This is the first in a series of four cardiac specific theory units that will assist you to develop knowledge, skills and attributes required for safe, competent practice in the health workplace as a beginning level cardiac sonographer. This unit focuses on the foundation theoretical concepts which other units will build on throughout the course.

CSN022 Cardiac Ultrasound 2

Pre-requisites	(CSN021 or PCN155) and CSN031. CSN031 can be studied in the same teaching period as CSN022
Equivalent s	PCN259
Credit Points	12

Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This is the second in a series of four cardiac specific theory units that will assist you to develop knowledge, skills and attributes required for safe, competent practice in the health workplace as a beginning level cardiac sonographer. This unit extends and builds on the content of CSN021 by introducing the principles and clinical applications of Doppler Echocardiography in the assessment of the adult heart as well as basic haemodynamic principles and calculations. In addition, this unit also covers the applications of cardiac ultrasound in the assessment of diastolic function of the left heart and other cardiac pathologies such as hypertensive heart disease, diseases of the aorta, ischaemic heart disease and cardiomyopathies in the adult patient.

CSN023 Cardiac Ultrasound 3

Pre-requisites	(CSN022 or PCN259) and (CSN031 or PCN497-2)
Equivalents	PCN359
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This is the third in a series of four cardiac specific theory units that will assist you to develop knowledge, skills and attributes required for safe, competent practice in the health workplace as a beginning level cardiac sonographer. Cardiac ultrasound (echocardiography) is a highly specialised technique for the assessment of the human heart. This unit extends and builds on the content of CSN021 and CSN022 by introducing concepts and techniques of the more complex haemodynamic calculations and by discussing the applications of these techniques in the evaluation of cardiac valvular disease and prosthetic heart valves and complications.

CSN024 Advanced Cardiac Ultrasound

Pre-requisites	(CSN023 or PCN359) and (CSN031 or PCN497-2)
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Equivalents	PCN459
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This is the fourth in a series of four cardiac specific theory units that will assist you to develop knowledge, skills and attributes required for safe, competent practice in the health workplace as a beginning level cardiac sonographer. Cardiac ultrasound (echocardiography) is a highly specialised technique for the assessment of the human heart and is a technique that is continues to undergo considerable technological advancements. This unit extends and builds on the content of units CSN022 and CSN023 by introducing more advanced applications of echocardiography. In particular, this unit covers the role of echocardiography in the assessment of more complex cardiac diseases such as pericardial disease, cardiac masses, systemic diseases with cardiac involvement and congenital heart defects. In addition, this unit also covers new and evolving echocardiographic modalities as well as the role of other diagnostic imaging tests in cardiac assessment.

CSN025 Principles of Medical Ultrasound

Equivalents	PCN162
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This unit is designed to provide students with a thorough understanding of the physical processes involved in producing an ultrasound image, the features of ultrasound equipment and the role and responsibilities of the sonographer in producing a diagnostic examination. Topics include general scanning principles and considerations, care of equipment, physics of ultrasound, ultrasound equipment features, image production and processing, artefacts, image recording methods, quality control, biological hazards and safety issues, principles of Doppler ultrasound, care of the patient and communication issues.

CSN026 Ultrasonic Examination 1

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This is the first in a series of four medical ultrasound specific theory units that will assist you to develop the knowledge, skills and attributes for safe, competent practice in the health workplace as a beginning level medical sonographer. This unit focuses on the ultrasound techniques used to examine the adult abdomen and pelvis, and the ultrasonic appearance of normal and abnormal anatomy and pathology.

CSN027 Ultrasonic Examination 2

Pre-requisites	CSN025
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit includes the ultrasound techniques used to examine the head, neck and peripheral organs and the ultrasonic appearance of normal and abnormal anatomy and pathology. It also describes the basic ultrasound techniques used in the 1st, 2nd and 3rd trimester of pregnancy.

CSN028 Advanced Ultrasound Topics 2

Pre-requisites	CSN026 and CSN027
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This unit includes the principles and equipment requirements of ultrasound applications in the cardiovascular and musculoskeletal system. It also includes the clinical techniques and diagnostic criteria of such applications, in particular those of the arterial and venous systems.

CSN029 Advanced Ultrasound Topics

Pre-requisites	CSN026 and CSN027
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

The aim of the unit is to provide you with a detailed understanding of the techniques involved in conducting an ultrasound examination in advanced obstetric applications. You will also be introduced to the applications of ultrasound techniques in paediatrics. New and evolving applications of ultrasound will be introduced.

CSN031 Cardiac Ultrasound Clinical Practice 1

Pre-requisites	(CSN021 or PCN155) and CSN022. CSN022 can be studied in the same teaching period as CSN031
Equivalent s	PCN497-1, PCN497-2
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This is the first in a series of three clinical practice units that will assist you to develop knowledge, skills and attributes required for safe, competent practice in the health workplace as a beginning level cardiac sonographer. Learning outcomes of this unit build on your past clinical experiences and inform your future development and progression through the course. This unit focuses on the clinical application of the theoretical concepts learned in other units to date throughout the course (CSN021, CSN022 and CSN025). In this unit, basic skills are refined and expanded, and advanced echocardiographic skills are developed through employment and training in a QUT approved clinical department. This is a designated unit. Designated units include professional experience units, units requiring the development of particular skills, and units requiring the demonstration of certain personal qualities, and are deemed to be critical to progress in your course. Failure to successfully complete the requirements of

this unit may lead to a period of probation or exclusion from this course.

CSN032 Cardiac Ultrasound Clinical Practice 2

Pre-requisites	(CSN023 or PCN359) and CSN024. CSN024 can be studied in the same teaching period as CSN032
Equivalent s	PCN597-1, PCN597-2
Credit Points	12
Campus	External
Availabilities	External - SEM-2

This is the second in a series of three clinical practice units that will assist you to develop knowledge, skills and attributes required for safe, competent practice in the health workplace as a beginning level cardiac sonographer. Learning outcomes of this unit build on your past clinical experiences and inform your future development and progression through the course. This unit focuses on the clinical application of the theoretical concepts learned in other units to date throughout the course. In this unit, basic skills are refined and expanded, and advanced echocardiographic skills are developed through employment and training in a QUT approved clinical department. This is a designated unit. Designated units include professional experience units, units requiring the development of particular skills, and units requiring the demonstration of certain personal qualities, and are deemed to be critical to progress in your course. Failure to successfully complete the requirements of this unit may lead to a period of probation or exclusion from this course.

CSN033 Medical Ultrasound Clinical Practice 1

Pre-requisites	CSN025
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

Medical ultrasound is a highly specialised technique for the assessment of many areas of the human body and the developing fetus. This clinical practice unit is an essential component of the course as it allows the student to be involved in extensive clinical experience

Units

that is complementary to other units in the course.

CSN034 Medical Ultrasound Clinical Practice 2

Pre-requisites	CSN033
Credit Points	12
Campus	External
Availabilities	External - SEM-2

This unit builds on the skills, knowledge and abilities gained in the unit CSN033. This unit is an essential component of the course and embeds the capstone assessment allowing you to demonstrate competency and deep understanding of the core disciplinary concepts.

CSN500 Podiatric Therapeutics 1

Anti-requisites	LSB584, PUB662
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

CSN501 Podiatric Therapeutics 2

Pre-requisites	CSN500
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

CVB101 General Chemistry

Anti-requisites	CZB190
Equivalents	SCB111
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Chemistry deals with the fundamental building blocks of our universe. An understanding of chemistry is essential to understanding our world and to addressing big challenges faced by our society. The knowledge and skills you will learn in this unit, complemented by CVB102 Chemical Structure and Reactivity, provide the broad foundation to progress to more specialised topics in analytical, inorganic, and physical

chemistry.

CVB102 Chemical Structure and Reactivity

Anti-requisites	CZB190, LQB180
Equivalents	SCB121
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Chemistry relates to all aspects of our lives. An understanding of chemistry is needed to make sense of our world and to address big challenges faced by our society. Together with its companion unit General Chemistry, this unit provides you with a foundation in the science of Chemistry. It builds on the fundamental scientific concepts and skills introduced in first semester. For Chemistry majors, it provides grounding in the sub-discipline of organic chemistry that you will encounter in second and third year. For students majoring in Biology, it provides the chemical framework necessary for the understanding of the behaviour of organic molecules in complex biological systems.

CVB201 Inorganic Chemistry

Pre-requisites	(CVB101 and CVB102) or (SCB111 and (SCB121 or CVB102))
Anti-requisites	PCB334
Equivalents	PQB331
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides detailed coverage of the chemistry of inorganic compounds with particular emphasis on the bonding in complexes of transition metals, including valence bond theory and orbital hybridisation, coordination theory and crystal field theory. Aspects of molecular geometry and symmetry are also developed. The chemistry of inorganic compounds and transition metal complexes is introduced and explored deeply. The unit builds on the fundamental concepts introduced in the first year units "General Chemistry" and "Chemical Structure and Reactivity" and prepares you for the final semester units "Coordination Chemistry" and the major capstone project "Chemical Research".

CVB202 Analytical Chemistry

Pre-requisites	(CVB101 or SCB111) and (SCB121 or CVB102) and (SCB131 or CVB102)
Equivalents	PQB312
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit is an introduction to modern chemical analysis, including some common instrumental techniques, which are firmly linked to the theory and practice of the discipline in a modern, working laboratory. You will gain essential analytical and deductive skills for chemical science as well as laboratory-based experience in sampling, treatment of samples, principles and practice of making high-quality chemical measurements with chromatographic and spectroscopic instrumentation. This unit further develops your knowledge and technical laboratory skills in chemical instrumentation and analysis. It links to the work previously undertaken in CVB101 General Chemistry and prepares you for the final semester major capstone unit CVB304 Chemistry Research Project.

CVB203 Physical Chemistry

Pre-requisites	(CVB101 or SCB111) and (SCB121 or CVB102) and (SCB131 or CVB102)
Anti-requisites	PCB354, PCB405
Equivalents	PQB401
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Ultimately, chemistry is the study of change. Changes of state, the mixing of substances, chemical reactions and spectroscopic transitions are manifestations of change on an atomic and molecular level. This unit provides the tools to quantitatively analyse changes accompanying a wide variety of chemical and physical transformations. The fundamental factors that govern the extents (equilibria) and rates (kinetics) of chemical reactions can be understood in these terms. The aim of this unit is to demonstrate how reactions and chemical processes can be described, quantified and understood using macroscopic concepts and through understanding of molecular systems at the microscopic level.

CVB204 Organic Structure and Mechanisms

Pre-requisites	(CVB101 or SCB111) and (SCB121 or CVB102) and (SCB131 or CVB102)
Anti-requisites	PQB401
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit builds on the organic chemistry knowledge and laboratory skills gained in CVB101 and CVB 102. The deeper understanding of reaction mechanisms, instrumental characterisation and stereochemistry are important in facets of all subsequent chemistry units. Perhaps most importantly, this unit will be used as the foundation for advanced studies in organic chemistry such as CVB 301 Organic Chemistry: Strategy for Synthesis and potentially your capstone research project in CVB304 Chemistry Research Project.

CVB210 Chemical Measurement Science

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces students to the underlying concepts of quality in testing and calibration for chemical instrumental or wet-chemical laboratory measurements. It introduces the student to the internationally-recognised quality framework of ISO/IEC 17025-2005 for testing and calibration in the context of a practical laboratory program which makes the connection between the theory and practice in a relevant manner. The understanding and skills in quality measurement are complemented by further related studies in introductory chemometrics, process analytical chemistry and laboratory automation, together with a practical/workshop program in these areas. The practicals and workshops give the student the opportunity to develop technical skills, analytical thinking, communication and problem-solving skills. For instance, practicals and workshops will demonstrate how near-infrared chemical measurements can be used to determine the octane number of fuels using chemometric-calibration techniques and,

importantly, to define the quality of those measurements.

CVB211 Industrial Chemistry

Equivalents	PQB623, EGH411
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit focuses on technologies central to the modern chemical industry such as catalysis and zeolites. Catalysts are used in the manufacture of 90 % of all chemicals produced in the world today. As such, students will be introduced to the basic theories of catalysis and surface science. These theories will then be expanded into industrial practice by discussion of real world industries such as methanol, ammonia, formaldehyde and nitric acid synthesis. The drive towards the implementation of green chemistry will also be shown and the translation of "old chemistry" into modern sustainable processes illustrated.

CVB212 Industrial Analytical Chemistry

Pre-requisites	(CVB101 or SCB111) and (SCB121 or CVB102) and (SCB131 or CVB102)
Equivalents	PQB313
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Modern chemical industry requires comprehensive analytical measurement relating to the raw materials, process streams and outputs in order to control quality and to confer error prevention. This unit develops your knowledge and application of the fundamental principles of Analytical Chemistry upon which modern industrial analysis techniques are based. This unit is complementary to the more empirical approach adopted in "CVB202 Analytical Chemistry", providing you with grounding in the theory and practice of qualitative, quantitative gravimetric and wet chemical analysis; together with spectrometric and electrochemical methods of analysis for a wide range of industrial applications including foods and beverages, mining, metals, waste waters and related areas. This unit develops your theoretical and

applied knowledge of chemical analysis and further develops your technical and laboratory skills in sample treatment, gravimetric and wet chemical methods of analysis. It links to work undertaken in CVB101 General Chemistry, prepares you for the 3rd year unit CVB320 Instrumental Analysis and the final semester major capstone unit CVB304 Chemistry Research Project, as well as a career in a chemically-based industry or industry-related research.

CVB215 Criminalistics and Physical Evidence

Equivalents	SCB384
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Criminalistics is the definitive source for forensic science because it makes the technology of the modern crime laboratory clear to the non-scientist. This unit will introduce the students to the realm of forensics and its role in criminal investigations. The student will be introduced physical evidence collection, preservation and analysis techniques. The unit will bring to the students comprehensive hands-on experience in questioned documents examination, fingerprinting, crime scene investigations and facial recognition.

CVB216 Forensic Chemistry

Anti-requisites	PQB684
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Forensic Chemistry is a special field of chemistry dedicated to the analysis of matter and substances that may have been used in unlawful activities, abused or caused harm to individuals or the public. A forensic chemist is a professional chemist who analyzes evidence that is brought in from crime scenes and reaches a conclusion based on tests run on that piece of evidence. In the Forensic Chemistry unit, students will gain expertise in all the major branches of chemistry (organic, inorganic, physical and especially analytical) as related to forensic investigations. The analytical aspect of the course has been broadened from a more traditional chemistry focus to include modern and special types of analysis of importance to forensic

science.

CVB217 Digital Forensics

Equivalents	PQB584
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The widespread use of computers, mobile phones, PDAs, digital cameras, USB drives, the internet, etc in everyday activities result in mass amount of electronically stored information. The information may be related to unlawful activities and cyber space security. Finding, interpreting and presenting such digital evidence in a manner that is acceptable to the investigating authorities and the court system is complicated and requires special skills in digital evidence analysis. This unit aims at introducing core knowledge and hands-on experience in relation to this modern discipline of forensic practice. The unit will introduce the nature of the digital forensic evidence and the tools to find, analyze and interpret the electronic evidence.

CVB218 Drug Discovery and Design

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides a brief introduction to the history and evolution of drug discovery, including the role of the pharmaceutical industry, to current-day methods including rational computer-aided drug design, drug targets and screening libraries. Case studies may include synthetic hormones, narcotics, chemotherapeutic agents and performance-enhancing compounds. You will be introduced to the concepts of chemical structure and structure-activity relationships. The unit complements 'Drug Action' offered in the same semester.

CVB221 Unit Operations

Equivalents	PQB525
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit fosters a deeper understanding of the unit operations which are the main

components in process flow diagrams. The students will be introduced to among other concepts in the water and wastewater treatment industry disinfection, filtration, ion exchange, adsorption and desalination. Complementary theory regarding mass and heat transfer operations will also be used to ultimately provide a comprehensive overview of water treatment and chemical processes. This unit aims to bridge the gap between academic learning and industrial practice. Examples relating to key industries such as the coal seam gas, mining, manufacturing and wastewater sectors will be provided and cutting edge problems discussed. Students will learn the key skills which industry expects graduates to possess in order to rapidly integrate into project teams.

CVB222 Forensic Analysis of Bio-active Compounds

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides you with an introduction to the basics of analytical testing, detection and identification of synthetic and natural bio-active substances that are frequently encountered in pharmaceutical, forensic and environmental industries. You will also be introduced to biomedical informatics as applied to the discovery of new diagnostic techniques. The unit will introduce modern instrumental analytical platforms such as spectroscopy, chromatography and immunoassay. The unit will also outline the internationally-recognised quality framework of ISO/IEC 17025 for testing and calibration, in the context of a practical laboratory program.

CVB225 Forensic Biology and Analytical Toxicology

Anti-requisites	LQB680, PQB680
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The extensive use of biological evidence to identify victims and offenders as well as indicate attempts to control victims prior to abuse or attack has had a significant bearing on the course of law enforcement investigations, criminal court proceedings, and victim service providers.

DNA evidence arguably has become the most well-known type of forensic evidence, probably because it can be uniquely identifying and because it is the genetic blueprint of the human body. In addition, analytical toxicology has become an essential tool to identify some the conditions under which a crime was attempted. For these reasons, DNA and toxicology evidence have become a highly influential piece of the crime puzzle. In this unit students will be introduced to the concepts of DNA profiling and analytical toxicology and their applications in forensic case work. Students will develop the necessary skills for analysing and interpreting the DNA and toxicology evidences. Students will also be introduced to the basic concepts of forensic anthropology. This learning will be through the study of the theory, hands-on practices relevant to real life scenarios as well as training on the forensic interpretation of the evidence.

CVB301 Organic Chemistry: Strategies for Synthesis

Pre-requisites	CVB101 and CVB102 and CVB204
Equivalents	PQB531
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This advanced unit complements and further develops the concepts introduced in CVB102 "Chemical Structure and Reactivity" and CVB204 "Organic Structure and Reaction Mechanisms". The main focus of this unit is on the strategies chemists employ in the synthesis of complex molecules. This will provide the necessary practical and theoretical skills for those of you wanting to continue your exploration of organic chemistry as a capstone project in CVB304 Chemistry Research Project.

CVB302 Applied Physical Chemistry

Pre-requisites	CVB203
Equivalents	PQB502
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Physical chemistry is a discipline of chemistry in which the physical factors which govern chemical reactions are

Units

described, quantified and explored. After an introduction to thermochemistry and the principles that govern the macroscopic behaviour of solids, liquids and gases, the fundamental physical properties which determine the extent of reaction of pure substances are illustrated. These thermodynamic principles are extended to mixtures of substances and the properties of solutions.

CVB303 Coordination Chemistry

Pre-requisites	CVB201
Equivalents	PQB631
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides detailed coverage of the chemistry of coordination compounds. Topics include organometallic chemistry, including metal-carbon bonding, main group and transition metal organometallics and applications of organometallic compounds in synthetic chemistry; bioinorganic chemistry; structure and applications of coordination polymers (also known as metal-organic-frameworks); physical methods of structure determination, such as single crystal X-ray diffraction; and electronic spectroscopy and spectroscopic terms. The unit builds on the concepts developed in CVB201 Inorganic Chemistry and complements final year units in the chemistry major.

CVB304 Chemistry Research Project

Pre-requisites	CVB202 and CVB301 and CVB302
Co-requisites	CVB303
Equivalents	PQB642
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

In this unit you will be engaged on a chemistry project that is selected from a range of topics in exciting new areas of relevance to modern chemistry and chemical technology. Examples may include, but are not necessarily limited to nanotechnology, drug design, free-radical chemistry and trace metal speciation in environmental and biological systems.

The unit will involve a self-directed project in which you synthesize the knowledge, skills and techniques developed during your chemistry major. In the process, you will be expected to critically review relevant literature sources, demonstrate understanding and depth of knowledge and provide a clear, coherent communication of the chemical project outcomes. The project will provide you with the opportunity to articulate societal and ethical implications of the profession of chemistry as part of the written project report.

CVB313 Environmental Analytical Chemistry

Pre-requisites	CVB202
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Analytical chemistry of the environmental provides the tools and techniques necessary to make quantitative measurements of the extent of environmental alteration by natural or man-made means. Principal areas of study include the analytical and instrumental methods used in measuring: air pollution; water pollution; soil and sediment contamination; and pesticide residue contamination in agriculture. Students will become familiar with the methods of analysis through the lectures as well as a complementary laboratory practical program. This will allow students to develop technical skills such as: sample collection and treatment; using modern instruments, including atomic spectrometric and IC instruments for inorganic elemental analysis, GC, GC-MS and HPLC instruments for organic components.

CVB320 Instrumental Analysis

Pre-requisites	CVB202
Equivalents	PQB513
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Modern instrumental methods are capable of producing large quantities of data and it is becoming common practice to use data driven chemometric and cheminformatics techniques as an adjunct to instrumental analysis. These techniques are introduced through a

project-based investigation of bio-analytically related datasets where you develop understanding of applications of instrumental analysis and further develop your analytical thinking, problem-solving, communication and deductive skills using real-world examples. This unit builds upon the theoretical and practical framework for chemical analysis in the unit CVB202 Analytical Chemistry to develop advanced instrumental and analysis techniques for modern laboratory practice.

CYB104 Managing Social Media

Equivalents	CYD104
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides foundational knowledge for Bachelor of Communication students in the principles, tools and techniques of professional social media practice with regard to building social media presence and the development, implementation and analysis of digital communication strategies for an business or not-for-profit organisation.

CZB190 Chemistry for Health Sciences

Anti-requisites	CVB101, CVB102, LQB180
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The study of chemistry forms an important foundation for all students of the health sciences. The organisation of the human body begins with chemicals (atoms and molecules) making up its simplest or smallest scale level of organisation. Chemistry allows us to understand how cells, tissues and organs are formed, how these substances react with each other and their environment, and how these substances behave. This unit will develop the essential concepts of chemistry necessary for students studying health and biological science with topics introduced and applied in a contextualised manner relevant to their disciplines. As part of your early biomedical science training, you need to explore the chemical composition of the human body and have an understanding of chemical processes relevant to biology. This unit will form an essential foundation

to further study in the areas of health sciences.

DAB103 Architectural Visualisation 1

Equivalents	DEB103, DTB103
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Architects work in three dimensions and thus employ a variety of tools to think about and communicate three-dimensional ideas. This unit introduces you to the basic skills and techniques you'll need to support this design visualisation with a focus on analogue media, simple model making, and fundamental drawing skills; both technical and expressive/exploratory.

DAB110 Architectural Design 1

Pre-requisites	DAB103 can be studied in the same teaching period as DAB110
Equivalents	ADB001
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit offers a broad introduction to the field of design as applied to architecture. It uses developmental exercises to enhance student perceptions of the built environment in a problem based learning environment. Analysis of the constructed environment leads to a number of design projects that engage with issues of context, tectonics, planning, form, and spatial quality. Orthogonal drawing exercises, freehand sketching, presentation graphics and model making all form part of the unit content. Teaching and learning activities are spread across lectures, tutorials, and studio based activities.

DAB203 Architectural Visualisation 2

Pre-requisites	DAB103
Equivalents	DEB203
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The unit DAB103 introduced you to the

skills and techniques needed to support design visualisation with a focus on analogue media and drawing skills. This unit continues that process of skills development, and integrates digital techniques (computer aided design) with analogue approaches; further developing your ability to imagine and test architectural designs through visual mean.

DAB210 Architectural Design 2

Pre-requisites	DAB203. DAB203 can be studied in the same teaching period as DAB210
Equivalents	ADB002
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit offers a focused introduction to the field of design through engagement with the explicit process of design as applied to architecture. It uses developmental exercises to enhance student perceptions of the built environment in a problem based learning environment. Architectural design as a manageable process is explored through a number of exercises and design projects. Discrete steps in the process of architectural design are made explicit through staged activities that build to a complete design project. Orthogonal drawing exercises, freehand sketching, presentation graphics, and model making all form part of the unit content. Teaching and learning activities are spread across lectures, tutorials, and studio based activities.

DAB220 Architecture, Culture and Place

Equivalents	DAB420
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The concept of place is highly significant to architectural thought and production. This introductory unit surveys the concept of place in the discourse and practice of architecture and explores how place is understood, interpreted and made in a range of cultural, historical and physical contexts.

DAB310 Architectural Design 3

Pre-requisites	DAB110
Equivalents	ADB003
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This intermediate level unit in architectural design uses developmental exercises to enhance student perceptions of the built environment in a problem based learning environment. Design problems of increased complexity are tackled through a process of abstraction, experimentation, representation, imagination, and testing. Advanced orthogonal drawing, freehand sketching, presentation graphics, documentation techniques, and model making all form part of the unit content. Teaching and learning activities are spread across lectures, tutorials, workshops and studio based activities.

DAB325 Architecture in the 20th Century

Equivalents	ADB011
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Designers in any discipline should possess the ability to appreciate the history of art, design and architecture. In addition, they should be able to analyse developments in design history from multiple perspectives. This unit is a survey course of the history and theory of architecture from the beginning of the 20th century to the present. Teaching and learning takes place through three forms of structured activity: lectures, tutorials, and online.

DAB330 Integrated Technologies 1

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This is the first discipline-based unit in the Technology and Science design stream, through the introduction and application of the architectural principles for Environmental Design (including sustainability, lighting, and acoustics), Construction, and Structures. It

introduces students to the basic technologies and sciences associated with architectural practice and in particular technical skills required for simple design projects. Thermal characteristics of building materials, bioclimatic chart analysis, climate and climatic elements as environmental factors influencing architectural design, basic climatic regions and climate responsive building design, solar heating and cooling of buildings, thermal performance analysis, environmentally sustainable building materials, colour, natural and artificial lighting, ventilation, and condensation will be forming the Environmental Design topics.

DAB403 Architectural Visualisation 3

Pre-requisites	DAB203
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Architects recognise that visualisation or communication of process, decisions and outcomes is crucial. To date, you have learnt how to effectively communicate your architectural intentions using both analogue and digital means. However, the skills you have acquired have been primarily intended for the communication of design. For architects, the ability to communicate technical intentions is equally important. As such, this unit will equip you with technical communication and documentation skills using Building Information Modelling (BIM).

DAB410 Architectural Design 4

Pre-requisites	DAB210
Equivalents	ADB004
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit offers an intermediate level investigation into the field of design as applied to architecture. It uses developmental exercises to enhance student perceptions of the built environment in a problem based learning environment. Complex design problems deal with issues of social context, ethics, values, as well as the physical constraints of site, materials, climate, and technology. Design projects require the management of conflicting constraints to achieve

optimal design proposals. Precedence, typologies, research and analysis, and representation techniques all form part of the unit content. Teaching and learning activities are spread across lectures, tutorials, and studio based activities.

DAB435 Architectural Technology 1

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The unit will explore various forms of domestic construction with particular reference to general properties of building materials, common construction practices used in dwellings, single storey and class 10 buildings. Comparison of building systems and their effect on domestic building design will be explored in detail. Students will be introduced to the construction aspects of the BCA including its housing provisions and associated codes for all types of buildings to assist to achieve the requirements for building approvals.

DAB511 Architectural Design 5

Pre-requisites	DAB310
Equivalents	ADB005, DAB510, DAH510
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit offers a focused intermediate level investigation into the field of design as applied to architecture. It uses developmental exercises to enhance student perceptions of the built environment in a problem based learning environment. A particular emphasis is placed on the introduction of knowledge and skills to effectively and professionally communicate the design intent with the aid of digitally mediated tools and methods while design theory, sustainability, sociology, history and critique, as they all apply to architectural design, all form part of the unit content. Design projects require synthesis of a range of abstract issues to achieve focused architectural proposals. Teaching and learning activities are spread across lectures, tutorials, and studio based activities.

DAB611 Architectural Design 6

Pre-requisites	DAB410
Equivalents	ADB006, DAB610, DAH610
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit will develop greater complexity in architectural design skills in an urban context with a focus on ethical and sustainable design solutions and practice. This requires the synthesis of issues, ideas, knowledge and techniques of architectural design as a holistic practice.

DAH525 Architecture and the City

Equivalents	ADB013, DAB525
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit aims to give a comprehensive overview of issues and techniques relevant to architectural design at an urban scale. Teaching and learning activities are spread across lectures, online activities and workshops.

DAH530 Integrated Technologies 2

Pre-requisites	DAB435
Equivalents	ADB024, DAB530
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The aim of the structure segment of the unit is to familiarize students with the qualitative influences of structural systems on the design development of buildings. In particular the possibilities and limits of building structure are explored in relation to architectural intention through the use of exemplar. The aim of the construction segment is to familiarize students with various construction systems used in medium-rise commercial buildings. Here the emphasis is on the criteria to be used for the selection of appropriate systems and their associated materials.

DAH635 Architectural Technology 2

Pre-requisites	DAB530 or DAH530
Equivalents	ADB025, DAB635
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

It is a fundamental task of architectural design to achieve the comfort requirements of the users. This unit aims to promote students' understanding and awareness of the control of indoor conditions through the effective design and integration of building services. Students will participate in a simulated office practice, producing Building Code of Australia compliant construction documentation for low-rise buildings.

DAH710 Architectural Design 7

Pre-requisites	DAB510 or DAB511 or DAH510
Equivalents	ADB007, DAB710
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit offers an advanced level investigation into the field of architectural design with particular focus on industrial buildings and workplaces. On completion of this unit you should be able to demonstrate: your understanding of building typologies and an awareness of the forces shaping their development; critical, analytical, and speculative research skills applicable to architectural projects; an ability to develop a reasoned position in relation to architectural issues, and to design from that position; and the application of knowledge and skills in architectural technology to the design process.

DAH811 Architectural Design 8

Pre-requisites	(DAB635 or DAH635) and (DAB610 or DAB611 or DAH610)
Equivalents	DAN135, DAN230
Credit Points	36
Campus	Gardens Point
Availabilities	Gardens Point

- SEM-2

This unit is the final 'design studio' of the course, and as such offers an advanced level investigation into the field of architectural design. This 36 credit point unit allows for the in-depth development of an architectural design, and its technological resolution. The unit draws upon all preceding units in the course, and requires detailed design development and construction documentation, of a complex building. The unit aims to promote student understanding of advanced techniques for the design of environmentally friendly, sustainable, and healthy buildings. This unit provides the opportunity to demonstrate attainment of all of the course learning outcomes.

DAN101 Master Studio A

Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit offers a focused high level investigation into the field of design as applied to architecture through the investigation of a complex design problem. It uses developmental exercises to enhance student perceptions of the built environment in a problem based learning environment. Design theory, sustainability, sociology, history and critique, as they all apply to architectural design, all form part of the unit content. Design projects require synthesis of a range of abstract issues to achieve focused architectural proposals.

DAN125 Contemporary Architectural Culture

Equivalents	ADN014, ADB014
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides the opportunity for the students to become aware of and to debate the innovative and advanced projects and critical thinking in the international field of architecture of the contemporary time. It provides the framework in which the student can locate individual research and design activities. It prepares the student to make informed and creative decisions in professional life. Teaching and learning takes place through three forms of structured activity: lectures, tutorials, and online.

DAN145 Architectural Professional Practice

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces and consolidates key issues in discourses about the professional practice and business of architecture. The unit is delivered in two key modules. Module 1 investigates how to become and what it means to be a professional registered architect, specifically examining the organisation and roles of the bodies that govern the profession of architecture in Australia and the necessity for an ethical orientation in professional life. Module 2 expands on this knowledge, by providing a detailed understanding in the processes of professional relations, with a specific focus on leadership skills, collaboration, communication, discrimination, and health and wellness issues.

DAN201 Master Studio B

Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit offers a focused high level investigation into the field of design as applied to architecture through the investigation of a complex design problem as a final project to demonstrate high level design proficiency. It uses developmental exercises to enhance and extend student perceptions of the built environment in a problem-based learning environment. Design projects require synthesis of a range of abstract issues to achieve focused architectural proposals, explored and developed to a professional standard.

DAN235 Project Management

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces and consolidates key issues in understanding an architect's management of architectural projects. The unit examines various phases of the project management process including inception, schematic design, design

Units

development, documentation, contract administration and completion and special emphasis is given to the types of specialist professional writing required at each of these stages. For example, you will investigate: why and how architects conduct feasibility studies for prospective projects, project programming, how architects conduct post occupancy evaluations of constructed projects, journalistic writing, professional correspondence and the importance of this practice for continuing professional development.

DAN245 Contract Administration

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit reinforces, builds upon and consolidates prior learning concerning the documentation and contract administration of architectural building projects. The unit is delivered in two key modules. Module 1 provides a detailed understanding of the organisation, structure and management of setting up an architectural office. Module 2 examines various forms of contracts, emerging codes and standards that must be adhered to in Australia, the contract administration phase of projects, and includes a review of the laws and statutory regulations that control the practice of architecture.

DEB100 Design and Sustainability

Equivalents	BEB100, DEB200, DED100, EGB100, ENB100, UDB100
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit, with its special focus on the role and impact of designers to shift society toward a more environmentally sustainable way of living, introduces you to essential academic and professional skills and practices for learning to become a designer.

DEB101 Introducing Design

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens

Point
- SEM-1

This unit offers a uniquely broad introduction to the field of design as applied across the design disciplines. It uses exercises to enhance student perceptions of the natural and human made environments in a problem based learning context. The unit is block taught over several weeks during the semester and will include students from a range of design disciplines participating in a four day field trip (students unable to attend participate in an alternative program). Students work individually and in cross-disciplinary teams in a stimulating and immersive environment. This unit covers content of problem solving, team work, visualisation and communication, and environmental awareness.

DEB202 Introducing Design History

Equivalents	DEB102, DED202
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit encompasses a broad survey of the history of design from the civilizations of antiquity to the opening of the 20th century - including architecture, industrial design, interior design and landscape architecture. It is a first year foundation unit and serves as preparation for more detailed and specialised studies in history and theory in subsequent years. Key designs, ideas and artefacts and the aesthetic, environmental, technological, socio-cultural and political factors that related to their production will be analysed.

DED202 Introducing Design History

Equivalents	DEB102, DEB202, DYB114, DYB124
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

This unit encompasses a broad survey of the history of design from the civilizations of antiquity to the opening of the 20th century - including architecture, industrial design, interior design and landscape architecture. It is a first year foundation unit and serves as preparation for more

detailed and specialized studies in history and theory in subsequent years. Key designs, ideas and artefacts and the aesthetic, environmental, technological, socio-cultural and political factors that related to their production will be analysed.

DEH701 Research Methods

Pre-requisites	DAB511 or DAB510 or DAH510 or DNB503 or DNB501 or DTB501 or DFH501 or KFB405 or KFB301 or DXB501 or KIB314 or KIB311 or DLB510 or DLB500
Equivalent s	DEB701
Credit Points	12
Campus	Gardens Point
Availabili es	Gardens Point - SEM-1

This unit is a core unit common to architectural studies, landscape architecture, industrial design and interior design. The unit is project based and introduces students to research methods and methodologies that have relevance in design practice. It also provides a foundation for higher degree research. The content covered in this unit includes:

- philosophical context of research in, of and through design
- qualitative research incorporating methodologies and methods of relevance to design
- research rigour and ethics
- developing a research plan
- literature searching and review
- data gathering and analysis
- research dissemination and reporting

DFB101 Fashion Design Studio 1

Equivalents	KFB101, KFB401
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is the first in a series of eight Fashion Design Studio units in the Bachelor of Design (Honours) Fashion program and provides introductory knowledge and skills for the theory and practice of fashion design.

DFB102 Introduction to Fashion

Equivalents	KFB103
Credit Points	12

Units

Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides an introduction to some of the complexities of the fashion system and is intended to provide a base for students who wish to pursue further studies in fashion.

DFB201 Fashion Design Studio 2

Pre-requisites	DFB101 or KFB101 or KFB401
Equivalents	KFB102, KFB402
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit is the second in a series of eight Fashion Design Studio units in the Bachelor of Design (Honours) Fashion program and provides further introductory knowledge and skills for the theory and practice of fashion design.

DFB202 Introduction to Fashion Studio Practice

Pre-requisites	DFB101
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Introduction to Fashion Studio Practice DFB202 provides introductory technical skills and knowledge of fashion design studio practice (garment construction and pattern making) for the Bachelor of Design (Honours) Fashion program.

DFB203 Sustainability: The Materiality of Fashion

Equivalents	KFB104
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides an introduction to the environmental, ethical and social issues connected to the production and consumption of fashion, and is intended to provide a base for students who wish to pursue further studies in fashion.

DFB301 Fashion Design Studio 3

Pre-requisites	DFB201 or KFB102 or KFB402
Equivalents	KFB200, KFB201, KFB403
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is the third in a series of eight Fashion Design Studio units in the Bachelor of Design (Honours) Fashion program and provides expanded knowledge and skills for the theory and practice of fashion design, for industry/professional contexts.

DFB302 Fashion Visualisation

Equivalents	KFB107
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides introductory skills and knowledge to effectively communicate visual fashion ideas (including technical drawings), using both hand techniques and graphic software.

DFB303 Unspeakable Beauty: A History of Fashion

Equivalents	KFB109
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit introduces you to the history of Western fashion from the 14th century to the 21st century. The unit will guide you to understanding key aesthetic changes in the history of fashion, the role of fashion in defining social and cultural identity, and how fashion is a significant form of visual culture linked to historical, cultural and social contexts. This unit will introduce you to concepts that are essential to the study of history and theory of fashion.

DFB304 Fashion and Costume in Film

Equivalents	KFB210
Credit Points	12
Campus	Kelvin Grove

Availabilities	Kelvin Grove - SEM-1
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In this unit we study the relationship between fashion and its dissemination through visual culture. Magazines, film, photography, television and new media have been fundamental to the dissemination of fashion information, the construction of stardom and femininity, and to the development of the fashion industry. This unit examines two creative media: film and the internet. It examines how historically the cross-pollination between the Hollywood Studios, the cosmetic and the clothing industries first, and, more recently, contemporary blogs and internet images have contributed to the formation of discourses of consumer fashion and feminine aesthetic. By examining internet blogs and images, the unit also studies how fashion media have expanded exponentially, with the advent of the stylist, the PR and the dissemination of fashion images as new global phenomena.

DFB401 Fashion Design Studio 4

Pre-requisites	DFB301 or KFB200 or KFB201 or KFB403
Equivalents	KFB202, KFB404
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit is the fourth in a series of eight Fashion Design Studio units in the Bachelor of Design (Honours) Fashion program and provides expanded knowledge and skills for the theory and practice of fashion design, for societal contexts.

DFB402 Fashion Design: 1950 to Now

Equivalents	KFB207
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides an understanding of key theories and approaches to fashion design in the 20th and 21st centuries. It builds on knowledge gained in DFB102 Introduction to Fashion, and DFB303 Unspeakable Beauty: A History of Fashion, and prepares you for further studies in Fashion including DFB602 Critical Fashion Studies.

DFB403 Advanced Fashion Studio Practice

Pre-requisites	DFB301 or KFB200 or KFB201 or KFB403
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides advanced/specialist technical skills and knowledge of fashion design studio practice (garment construction and pattern making) for the Bachelor of Design (Honours) Fashion program.

DFB404 Fashion and Style Journalism

Pre-requisites	DFB102 or KFB103 or KJB224. KJB224 can be enrolled in the same teaching period as DFB404
Equivalents	KFB205
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit maps the scope and practice of fashion and style journalism in Australia and internationally. It will allow you to develop the skills necessary to conceptualise and produce fashion and style editorial content in a variety of styles and contexts.

DFB406 Product Design and Development in the Fashion Industry

Pre-requisites	DFB302 or KFB107
Equivalents	KFB211
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

While many would see the role of the designer as an integral part of any fashion brand, many of the largest fashion businesses in the industry are built on a process of product development instead of traditional ideas of design. Rather than working from a blank canvas, the product developer creatively evolves unique and commercial garments from existing ideas and samples to create ranges that are

both profitable and easy to outsource for manufacture. Product development requires diverse skills and knowledge in trend analysis, range building, textile selection and sourcing, garment finishing, specification sheets, global operations, marketing and business to ensure successful project outcomes. By developing a foundation of knowledge in product development this unit aims to prepare students for work in commercial fashion or to assist them with the skills for creating their own product developed fashion brand.

DFB502 Ragtrade: The Business of Fashion

Pre-requisites	DFB102 or KFB103
Equivalents	KFB209
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit addresses the logistics of the fashion supply chain, the timing of the fashion cycle and the new ways of producing and selling fashion in a global marketplace. The fashion industry will be studied as a system that is determined by economic, political, social, cultural and consumer trends and will analyse the contribution it makes to the global business environment. Opportunities will also be identified for career and entrepreneurial endeavours.

DFB602 Critical Fashion Studies

Pre-requisites	Completion of 48cp of Fashion discipline units (DFB% or KFB% units)
Equivalents	KFB305
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides you with an understanding of current critical approaches in the analysis of fashion. It also introduces you to emerging areas of research and fashion scholarship. It builds on knowledge developed in DFB303 Unspeakable Beauty: A History of Fashion, and DFB402 Fashion Design: 1950 to Now. This critical understanding of the fashion system prepares you for work in the industry, postgraduate research or deepening your fashion practice.

DFH501 Fashion Design Studio 5

Pre-requisites	DFB401 or KFB202 or KFB404
Equivalents	KFB301, KFB405
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is the fifth in a series of eight Fashion Design Studio units in the Bachelor of Design (Honours) Fashion program and provides advanced knowledge and skills for the theory and practice of fashion design, in niche/unique contexts.

DFH601 Fashion Design Studio 6

Pre-requisites	DFH501 or KFB301 or KFB405
Equivalents	KFB302, KFB406
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit is the sixth in a series of eight Fashion Design Studio units in the Bachelor of Design (Honours) Fashion program and provides specialist knowledge and skills for the theory and practice of fashion design in order to begin to develop a formative individual design identity.

DFH701 Fashion Design Studio 7

Pre-requisites	DFH601 or KFB302 or KFB406
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is the seventh in a series of eight Fashion Design Studio units in the Bachelor of Design (Honours) program, and forms the start of the capstone experience for an extended independently-led fashion project.

DFH801 Fashion Design Studio

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Pre-requisites	DFH701
Credit Points	36
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit is the final in a series of eight Fashion Design Studio units in the Bachelor of Design (Honours) program, and forms the capstone experience for an extended independently led research fashion project.

DLB100 Landscape Design 1

Equivalents	DLB130
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit is your first landscape design studio, introducing you to foundational landscape design knowledge, skills, and applications. You will acquire these in stages, covering a range of design principles, theories and processes which you will apply to real or simulated design scenarios. The first stage is an immersion in, and familiarisation with, landscape's structural and compositional relationships and ways to interpret and express these. Next you will learn to apply basic design problem solving processes to articulate landscape design propositions in response to your interpretations. You will learn and experiment with design and discipline-specific language including application of the representational techniques you will learn in the co-requisite unit DLB103 Visualisation 1. This studio prepares you for the ongoing series of landscape design studio units.

DLB103 Landscape Visualisation 1

Equivalents	DEB103
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces you to foundational manual (non-digital) landscape visualisation skills and applications. Visualisation is the ability to imagine and give form to design ideas. Landscape designers work in four dimensions and thus employ a variety of tools to think about and communicate three- and four-

dimensional ideas. This unit introduces you to the skills and techniques you'll need to support this design visualisation with a focus on analogue (non-digital) media, manual drawing skills and simple model making. You will learn and experiment with design and discipline-specific language including application of these representational techniques in the co-requisite unit DLB100. This pairing of units prepares you for the ongoing series of landscape design studio units.

DLB200 Landscape Design 2

Equivalents	DLB210
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit is your second introductory level landscape design studio, building on the foundational knowledge, skills and applications you learnt in DLB100 and DLB103. In it you will explore landscape as an experiential, spatial and temporal expression of cultural meaning. You will experiment with the interpretation and design of landscape using your own body to 'read' local landscapes, and how they are culturally designated. You will experiment with design development processes and the language of landscape design to articulate new perceptions of landscape experiences, places, times and scales, and design propositions to transform the landscape. You will experiment with application of the representational techniques you will learn in DLB203 Landscape Visualisation 2. This studio prepares you for your second year, intermediate level design studios, beginning with DLB300.

DLB203 Landscape Visualisation 2

Equivalents	DEB203
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces you to foundational digital landscape visualisation skills and applications, and their integration with the manual skills and analogue media you worked with in DLB103. It draws on digital visualisation's realist and abstract properties to efficiently explore and express complex landscape ideas. The range of software available offers you a selection of methods to capture and

rapidly explore the complex three-dimensional forms and ephemeral temporal processes (the fourth dimension) that characterise landscapes. You will learn and experiment with design and discipline-specific language including application of these representational techniques in the co-requisite unit DLB200 Landscape Design 2. This pairing of units prepares you for your second year, intermediate level design studios, beginning with DLB300.

DLB240 Landscape Technology

Pre-requisites	DLB103
Equivalents	DLB430
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces the foundational principles and processes of landscape technology, to understand and apply the technical manipulation of landforms as part of the landscape design process. DLB240 continues your DLB100 design learning at a finer scale of detail and precision, including landform grading for drainage and circulation. This unit extends the technical graphic design development and communication skills developed in DLB103, and prepares you for your second year, intermediate level unit in landscape construction, DLB440.

DLB300 Landscape Design 3

Pre-requisites	DLB100
Equivalents	DLB310
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This intermediate level landscape design studio unit builds on the foundational knowledge, skills and applications you learnt in first year, and in DLB325. In it you will explore theories of environment and behaviour, place-making and environmental psychology, including how people perceive and respond to landscapes both individually and collectively, building on your understanding of landscape as a cultural expression developed in DLB200. You will engage in the application of these theories for systematic landscape appraisal and design development to articulate sustainable site-based design propositions. You will further develop your

application of the representational techniques learnt in DLB103 and DLB203, consolidating the details of landscape design communication conventions as well as experimentation. This studio prepares you for the consolidation of your intermediate level design skills in DLB400.

DLB320 Landscape Horticulture

Equivalents	DLB230
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This introductory level unit builds on the foundational knowledge of environmental sustainability you learnt in DEB100, and the knowledge, skills and applications you learnt in your first year core landscape architecture units. This unit introduces you to scientific, horticultural and planting design principles and the basic plant sciences (botany, ecology and horticulture) including: botanical nomenclature, morphology, plant forms, assemblages and systems, and plant cultivation requirements. You will apply this knowledge to develop and articulate sustainable site-based planting design propositions, and extend the communication techniques you learnt in DLB103 and DLB203 to learn the specific conventions of planting design communication. This unit prepares you for your first intermediate level landscape design studio DLB400 and further studies in environmental science in DLB420.

DLB325 People and Place

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This introductory level unit builds on the foundational knowledge of design history you learnt in DEB202. In it, you will explore theories of environment and behaviour, place-making and environmental psychology, including how people perceive and respond to landscapes both individually and collectively. You will learn about a wide range of foundational concepts developed from the 1960s to the present, regarding human interactions and relationships with the environment, essential to the formulation of sustainable landscape design propositions. You will explore and apply this knowledge in stages, including

a site-specific project to develop your critical thinking and research skills. This unit extends the communication techniques you learnt in DEB100 to a wider range of written and visual methods of investigation and communication. It prepares you for further expansion of your intermediate level design understanding and skills in DLB400 and independent interpretation of the effects of past and present landscape designs in your third year unit DLB525.

DLB400 Landscape Design 4

Pre-requisites	DLB200
Equivalents	DLB410
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This intermediate level landscape design studio unit consolidates the introductory knowledge, skills and applications learnt in your course so far. In conjunction with DLB420, you will explore design theories and processes related to urban ecology including human processes in landscape formation. You will apply these in the appraisal and design of site-based landscape propositions, including their sustainable integration into wider landscape systems such as the movement and exchange of people, capital, services, water and energy. This unit will build on the understanding of the complexities of landscape you have developed through your learning to date, and consolidate your landscape design development and communication skills, preparing you for further expansion of your intermediate level design skills in DLB500.

DLB420 Landscape Systems

Equivalents	DLB330
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This introductory level unit builds on the foundational knowledge of environmental sustainability you learnt in DEB100 and DLB320. In conjunction with the unit DLB400, you will explore theories of landscape ecology and regional ecosystems theory, with geomorphologic and human processes in landscape formation. Landscape architects need to understand the systems that create and are created by the landscape, and so this

unit will develop your ability to comprehend the interconnectedness of landscape structures, systems, processes and developments, essential to the formulation of sustainable landscape design propositions. You will apply this knowledge in a semester long landscape study project, extending the communication techniques you learnt in DEB100 to learn the specific conventions of scientific reporting. This unit expands your understanding of landscape from a small site to a broad and holistic level, preparing you for expanding your intermediate level design skills in DLB500 and learning landscape planning theory and application in DLH700.

DLB440 Landscape Construction

Pre-requisites	DLB240
Equivalents	DLB530
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This intermediate level unit builds on the foundational principles and processes of landscape technology you learnt in DLB240 by introducing the principles and processes of landscape design construction. It introduces basic structural theories, material properties and principles, and design and construction principles and processes. These help you analyse technical briefs, and critically evaluate and select appropriate materials and construction techniques to formulate sustainable landscape design propositions and implementation strategies. This unit also introduces you to the legislative environment governing landscape construction. It extends the technical graphic design development and communication skills you developed in DLB240, and prepares you for your third year, advanced level unit in landscape design, technology and construction, DLH600.

DLB500 Landscape Design 5

Pre-requisites	DLB300
Equivalents	DLB510
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This final intermediate level landscape design studio unit builds on the

knowledge, skills and applications consolidated in DLB400. In conjunction with DLB525, you will explore design theories and processes related to interactions between society (including culture, economy and technology) and the environment, placing an emphasis on developing landscape speculations which address sustainability in cultural and biophysical landscape contexts. Your learning will involve the rigorous testing of design ideas against the constraints of selected landscapes and briefs. You will develop and test a philosophical basis for design exploration, engaging with experimental design processes and self-directed research. This unit shifts your learning toward greater design complexity and independent application and development of your communication skills. It prepares you to engage with advanced level landscape design in DLH600.

DLB525 History and Criticism of Landscape Design

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This intermediate level unit builds on the broad foundational knowledge of design history in DEB202 and theoretical knowledge and critical thinking and research skills learnt in DLB325. Learning from the past enriches and informs our current and future landscape design practice, and in conjunction with DLB500, you will explore the ways history and criticism inform us about interactions between society (including culture, economy and technology) and the environment (materials, climate, landform, ecology, etc.), and the consequences for designed landscapes. You will review landscape design and criticism across world history through the lens of historiography (critical examination of history). This unit consolidates the communication techniques you learnt in DEB100 and DLB325, and prepares you for critical explorations of design history and theory to support your advanced level landscape design units.

DLH600 Landscape Design 6

Pre-requisites	DLB440 and DLB400
Equivalents	DEB601 and DLB630
Credit Points	24

Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This is your first advanced level landscape design studio unit, and your first 24 credit point unit in the 4-year landscape architecture course. As such, it unites two of landscape architecture's core study areas - Landscape Design up to DLB500, and Landscape Technology / Construction in DLB240 and DLB440. DLH600 unites and builds on the principles and processes learnt in these units in a program of advanced design resolution through the development of technical documents commensurate with those produced by the profession for landscape construction contractors. This unit shifts your learning toward greater creative and technical design specificity and independent application, providing a solid foundation for the critical and creative complexity and independence required in your final year landscape design studios beginning with DLH700.

DLH700 Landscape Design 7

Pre-requisites	DLB500
Equivalents	DLB700, DLB710, DLB810
Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This advanced level 24 credit point landscape design studio unit builds on the knowledge, skills and applications developed in your landscape architecture core units to date. In it you will explore advanced theory in landscape planning to help you conceptualise the complex social and environmental issues and policy frameworks that inform land development, and the related design and planning theories and processes such as those emerging through landscape urbanism. In a sustained, semester-long project you will engage with a large scale site and associated complex problems of planning, design and management, and independently formulate innovative and sustainable landscape planning and design propositions and implementation strategies. This unit shifts your learning toward greater complexity and independent application of advanced skills in the generation of detailed communication and presentation techniques commensurate with professional-level landscape architectural

investigation and practice. The following semester unit DLH800 will build on these skills in your capstone landscape project.

DLH800 Landscape Design 8

Pre-requisites	DLH600
Equivalents	DLB730, DLB830
Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This 24 credit point capstone landscape design unit invites you to explore and demonstrate an advanced individual expression of the knowledge, skills and applications developed in your landscape architecture core units to date. You will undertake a sustained, semester-long thesis-style project at an advanced conceptual and schematic landscape design level, based on substantial independent research and rigorous design development. Understanding landscape architecture as a contextual and relational discipline, you will formulate innovative and sustainable landscape planning and design propositions and implementation strategies to balance competing social, cultural, economic, and ecological constraints and opportunities. This unit substantiates your independent skills in professional-level landscape architectural investigation and practice enabling you to engage with the wide range of projects you will encounter in your professional life.

DLH845 Professional Practice in Landscape Architecture

Equivalents	DEB801
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This capstone unit builds on understandings of legal and regulatory environment in which landscape architects operate. Design practice requires the understanding and adherence to a range of ethical, cultural, business and legal concerns and requirements. This unit provides you with the knowledge to understand and participate in professional design practice by introducing key issues in the design professions, including: the organisation and roles of the regulatory and

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professional bodies governing the professions; the cultural and legal context for contemporary design practice; essential skills in consultancy and construction contracts; and the ethical values and attitudes which govern professional practice. An emphasis on integrated scholarship and collaborative links with other professions will build your capacity and resilience as you transition from life as a university student to life as a beginning professional.

DNB101 Industrial Design 1

Pre-requisites	DNB103 can be studied in the same teaching period as DNB101
Equivalents	ADB201
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Industrial design revolves around the creation of products that satisfy human needs constrained by industrial production. This involves the manipulation of form with an understanding of structure, function, and aesthetics. Through projects you will be exposed to: basic design elements and principles; design sketching and marker rendering; introduction to research through design, design process and concept development; basic model making techniques; and design presentation.

DNB103 Product Visualisation 1

Equivalents	DEB103
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Industrial designers employ a variety of tools to think about and communicate three-dimensional product concepts. This unit introduces you to the skills and techniques needed to support design visualisation, focussing on analogue media, drawing skills and simple model making.

DNB201 Industrial Design 2

Pre-requisites	DNB101 and DNB203. DNB203 can be studied in the same teaching period as DNB201.
Equivalents	ADB202
Credit	12

Points	
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit continues with the development of your visual and creative thinking within the context of industrial design with special emphasis on the development of product symbolism. Through projects you will be exposed to: symbolic aspects of products; design process methods and concept development; model making and documentation skills; consideration of materials, manufacturing, technology and sustainability; and design presentation.

DNB202 Product Usability

Equivalents	ADB212
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides you with the foundational knowledge of human-centred design approach that is built upon an understanding of people and their capabilities. The main content covered in this unit includes: anthropometrics; introductory principles of physical and cognitive ergonomic requirements; usability principles; and usability evaluation methods and techniques.

DNB203 Product Visualisation 2

Pre-requisites	DNB103
Equivalents	DEB203
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit continues developing your analogue media and drawing skills gained in DNB101 Industrial Design 1 and introduces digital and analogue approaches and visualisation techniques to support your industrial design projects.

DNB301 Industrial Design 3

Pre-requisites	DNB101
Equivalents	ADB203
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces you to design

investigation and application of design methods to support sustainable practices in constructed and natural environments. It covers introduction to products and systems differences; intermediate design methods and design management.

DNB304 Product Technology 1

Equivalents	DNB302, DNB303
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit builds your knowledge of the technological aspects relevant to Industrial Design. It focuses on providing experience and skills in the use and application of technology as part of the design, which is essential for your Industrial Design practice.

DNB305 Culture and Design

Equivalents	DNB402
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

An understanding of people and their cognitive and emotive relationship with the world is essential for designing responsive products and environments. This unit encourages a diversity of knowledge for you to gain a broader perspective of culture, and understand how issues of culture influence product design and the designer's interaction with society and diverse cultures. The content covered includes: theoretical perspectives of culture; psychological implications of everyday human-artefact interactivity; environmental and cultural perception; changing socio-cultural landscapes; ageing population; sustainability and globalisation; potential for design to advance social changes and quality of life; and psychological implications and attitudes embedded in product semantics and symbolics.

DNB401 Industrial Design 4

Pre-requisites	DNB201
Equivalents	ADB204
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point

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- SEM-2

This unit advances the knowledge you gained in DNB301 Industrial Design 3. The unit examines how various design approaches contribute to the design of complex product or systems. Through a collaborative project you will be exposed to: introduction to design research and innovation; communication skills; and manufacturing technologies.

DNB404 Product Technology 2

Pre-requisites	DNB304
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit builds on the knowledge and skills you gained in DNB304 Product Technology 1 by introducing you to advanced materials and the potentials of their application. This forms an essential part of the skills and knowledge base required of you as an Industrial Design practitioner.

DNB405 History, Theory and Criticism

Equivalents	DNB502
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit guides you to become aware of theoretical and historical discourse in industrial design and to debate innovative and advanced ideas and critical thinking in the field internationally. It provides a framework in which can locate individual design activities. The content covered in this unit includes: contemporary history of industrial design; relationship between social and technological change and industrial design; contemporary design theory and discourse; criticism methodology; writing about design; and learning to critique design.

DNB503 Industrial Design 5

Pre-requisites	DNB401 and DNB404
Equivalents	DNB501
Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces you to design methods and strategies to explore people's behaviours and the context of use of everyday products. The design approach focuses on the user experience and on developing product designs that are suitable for manufacturing.

DNH603 Industrial Design 6

Pre-requisites	DNB503 or ((DNB212 or DNB404) and (DNB310 or DNB401))
Equivalents	DNB601
Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces you to interdisciplinary design concepts and strategies that are relevant to the design of future products and systems. As more products are an integration of digital and physical interfaces, people's experiential responses must be addressed. To achieve this DNH603 Industrial Design 6 extends the design methods and techniques you acquired in DNB503 Industrial Design 5 by transferring them across disciplines.

DNH703 Applied Design Research 1

Pre-requisites	DNH603
Equivalents	DNB702, DNB703
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit incorporates studies of the dynamic relationships between people, products/artefacts and systems, and their contextual environment. The unit will introduce you to the ways research about people can contribute to product innovation, an essential aspect of industrial design. It will introduce how to integrate the applied research skills and knowledge that support the development of an innovative product or system proposal. It also provides you with the foundation for higher research degrees. The major topics covered in this unit include: human-centred innovation framework application of qualitative research methods to industrial design; situating product/ systems within the socio-cultural context; and communication of research outcome.

DNH704 New Product Development

Pre-requisites	DNH603
Equivalents	ADB235, DNB602, DNB704
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit will focus on the introduction of new products into the market. It will provide you with an overview of the relationship between product design and commercialisation. It will introduce you to strategy development where the aim is to meet consumer expectations whilst achieving corporate objectives. The major topics covered in this unit include: new product development process; idea generation; strategic planning; introduction to marketing; product screening and evaluation; and commercialisation and post-launch review.

DNH803 Applied Design Research 2

Pre-requisites	DNH703 or DNB703
Equivalents	DNB701, DNB801, DNB802
Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit requires you to apply the research proposal you developed in DNH703 Applied Design Research 1 to the design of a product or system at a professional level. This is an independent project reinforcing your skills of leadership and project management.

DNH804 Professional Practice in Industrial Design

Pre-requisites	Completion of 240cp in course
Equivalents	DEB801
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit will focus on the introduction of the role of professional practice

management and its significance to industrial design. It is included in semester 8 to compliment student design activities and their involvement in live projects. The major topics covered in this unit include: the role of professional practice and management, management of design projects, type of contracts, the role of design administration, liability, design law; intellectual property, designer-client relationships.

DTB101 Interior Design 1

Pre-requisites	DTB103 can be studied in the same teaching period as DTB101
Equivalents	ADB101
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces you to knowledge, skills and application of design concepts and processes relevant to interior design at a foundational level.

DTB103 Interior Visualisation 1

Equivalents	DAB103, DEB103
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces you to foundational visualisation and two-dimensional/three dimensional communication skills including drawing and rendering, technical drawing and model making relevant for (interior) design development and presentation.

DTB201 Interior Design 2

Pre-requisites	DTB101 and DTB203. DTB203 can be studied in the same teaching period as DTB201.
Equivalents	ADB102
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit further develops your knowledge, skills and application for interior design at a foundational level. It links with work previously undertaken in DTB101 and DTB103 and prepares you for subsequent interior design units.

DTB202 Interior Technology 1

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

As part of your foundational year studies this unit will introduce you to the knowledge and skills necessary for communicating technical information to a project team. The application of these skills is a fundamental requirement for the practice of interior design and will prepare you for visual communication practices throughout your course.

DTB203 Interior Visualisation 2

Pre-requisites	DTB103
Equivalents	DEB203
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit advances the knowledge that you learnt in DTB103 Interior Visualisation 1, focussing on integrating digital and analogue media to visualise and communicate design ideas and proposals.

DTB301 Interior Design 3

Pre-requisites	DTB201
Equivalents	ADB103
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit further develops your knowledge, skills and application in regards to the person-environment relationship and the implications for spatial design, as well as extending your knowledge of design process. In DTB301 you will investigate the fundamental aspects of transition, interiority, building character, site context, and materiality in relation to interior design practice and associated fields through the refurbishment of an existing one-storey building. It links to the work previously undertaken in DTB101, DTB201, and DTB203, and prepares you to undertake more complex interior design projects and collaborative design process in DTB401.

DTB302 Colour Studies

Equivalents	ADB152
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit develops advanced knowledge in the theory and application of colour, and its interdependence with light. It focuses on experimental research and design application of colour, relevant to design and design practice.

DTB303 Interior Technology 2

Pre-requisites	DTB202
Equivalents	ADB123
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit will provide opportunities to develop your knowledge and skills of the components required to assemble a set of construction documents for a commercial interior design scenario. It links to and builds on the concepts explored in DTB202 by introducing you to the commercial sector, in particular exploring 2D and 3D digital drafting conventions, building codes, standards and basic services integration.

DTB401 Interior Design 4

Pre-requisites	DTB301
Equivalents	ADB104
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit further develops your knowledge, skills and application in regards to the person-environment relationship, and the implications for dual-function, sensory spatial design, as well as building on foundational design processes. In DTB401 you will investigate the fundamental aspects of immersion (Space/time 4th dimension, Reverie, Presence and Phenomenology) and Interaction (Participation, Experience, Responsibility, Inclusivity and Activism) in relation to interior design practice and associated fields through the experimentation of model making and the refurbishment of an existing two-storey building with vertical circulation. It links to the work previously undertaken in

Units

DTB101, DTB201, DTB301 and DTB203, and prepares you to undertake more complex interior design projects in DTB501.

DTB402 Interior Technology 3

Pre-requisites	DTB303
Equivalents	ADB153
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit will introduce you to a greater complexity in commercial interior construction and services integration while also developing your technical drawing communication skills. This unit links directly to your previous studies in units DTB202 and DTB303 and provides the necessary knowledge, skills and application required to communicate your designs through all of your core units.

DTB403 Design Psychology

Pre-requisites	Completion of 72cp of Creative Industries units (K% or D% units)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Drawing on environmental psychology relevant to spatial design, this unit provides the theoretical and analytical resources to enable you to identify the ways in which the individual and the built environment interact, influencing behaviour and experience. Located in the second year of the course, the unit complements the socio-cultural aspects of design addressed in the third year unit DTB502 Design in Society providing core theoretical and technical knowledge to support intermediate and advanced design learning.

DTB501 Interior Design 5

Pre-requisites	DTB401
Equivalents	ADB105
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit further develops your knowledge, skills and application for interior design through project based real world issues and contexts. It links to the

work previously undertaken in DTB 401.

DTB504 Design in Society

Pre-requisites	Completion of 72cp of Creative Industries units (K% or D% units)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides theoretical and analytical resources to enable you to identify the way the designed world intersects with social life. These insights are crucial to the capacity of design to respond to the way the designed world is lived and experienced. This unit will 1) review theories and case studies to illuminate the relationships between design and everyday practice across cultures and time, and 2) provide an opportunity to apply these insights in an analysis of a contemporary designed environment. Located in the 3rd year of your course, Design in Society provides valuable resources for design practice in other units as it develops concepts and processes suited to the emphasis in the latter years of the course - not just on problem solving - but on problem framing and conceptualisation. With its emphasis on socio-cultural aspects of design, Design in Society complements the more psychological emphasis of the unit, DTB403 Design Psychology.

DTH601 Interior Design 6

Pre-requisites	DTB501
Equivalents	ADB106, DTB601
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit further develops your knowledge, skills and application for interior design through more complex project based real world issues and contexts. It links to the work previously undertaken in DTB501 and DTB502 prepares you for the final year of the course.

DTH603 Furniture Studies

Pre-requisites	DTB201 and DTB303
Equivalents	DTB503
Credit Points	12

Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit develops at an intermediate course level your knowledge, skills and their application regarding furniture and joinery in the interior and exterior context with a specific focus on experimental design and prototype construction. It builds upon the technical issues introduced in the units DTB202 and DTB303.

DTH702 Interior Design Practice Studio 1

Pre-requisites	DTH601 or DTB601
Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The final year design program is aimed at adequately preparing you for the professional challenges ahead. This unit further develops and consolidates the knowledge, skills, and application abilities gained during the foundation and intermediate years of the course in order to prepare you for the final semester Capstone project. It is project-based with the major focus being on a course of self-directed learning in an area of personal and professional relevance, enacted through high level engagement in the design studio. It is intended to guide you through the "transitional" phase of what is an on-going educational journey to becoming a fully qualified professional and beyond.

DTH802 Interior Design Practice Studio 2

Pre-requisites	DTH702
Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The final year capstone interior design unit encompasses a self-directed journey of "design through creative exploration". Students are required to articulate their own area of design interest, defining the focus of the year's work through research, analysis, experimentation, project development and refinement, communication, and presentation. It builds upon, consolidates, and advances the work undertaken in the previous

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foundational and intermediate years of the course.

DTH803 Professional Studies in Interior Design

Pre-requisites	DTB501
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit gives emphasis to your responsibilities and obligations as a professional interior designer. In this unit you will have the opportunity to further develop your knowledge of the interior design discipline and profession and to actively engage with issues highlighting responsibilities of life-long learning, social responsibility and ethical interior design practice.

DXB101 Design and Creative Thinking

Equivalents	KIB100
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Design processes and creative thinking are at the core of interactive and visual design disciplines. This unit is an introduction to conceptual and practical methods of idea generation and development with an emphasis on creating innovative interactive and visual design for a variety of contexts. Through the combination of lectures, studios, and design charrettes, you will learn theoretical underpinnings of creative thinking and design processes; and cultivate fluency and flexibility in applying the theories into practice to produce original design solutions both individually and collaboratively.

DXB102 Visual Communication

Equivalents	KIB101
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

Visual Communication is based on the creation of meaning through image and text and this plays a critical role in our contemporary world, which is visually and media driven. This unit will introduce you

to the core principles, production approaches and presentation strategies of visual design and communication.

Through this foundation subject, you will learn how to think and operate as a visual designer through studio-based learning and a series of industry-focused experiences.

DXB201 Visual Interactions

Pre-requisites	DXB102 or KIB101
Equivalents	KIB102
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides an introduction to theories, approaches, methods and applications of Interaction Design. It will introduce you to contemporary interaction design approaches and enable you to competently conduct user studies and co-design approaches, formulate conceptual design solutions and evaluate the outcome of design interventions with regards to usability and user experience.

DXB202 Image Production

Pre-requisites	DXB102 or KIB101
Equivalents	KIB120, KVB204
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit will provide you with key skills and knowledge for image creation and production across a range of professional contexts, styles and media. You will develop a repertoire of visual approaches and technical skills that will contribute to your professional breadth as a visual communicator. The unit offers opportunities for you to start developing your own personal style, and to build, practice and improve your abilities to create imagery for a variety of contemporary contexts. This unit also deals with issues of originality, creativity and suitability of images used in professional visual design.

DXB203 Introduction to Web Design

Equivalents	KIB103
Credit Points	12
Campus	Gardens Point

Availabilities

Gardens Point
- SEM-1, SEM-2

This unit provides an introduction to concepts and skills underpinning the user-centred design of web technologies. It will introduce students to contemporary web design practices and provide a foundation of conceptual and practical skills to effectively design and build responsive web sites across different devices.

DXB301 Interface Design

Pre-requisites	(DXB203 or KIB103) and (DXB201 or KIB102)
Equivalents	KIB204, KIB230
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Visual Interface design is an essential part of contemporary communication media. It is required to produce digital media forms for the web, mobile devices, or large touch screens. Visual interface design requires an in-depth understanding of how visual design and communication principles apply to the creation of visual interfaces. Through this unit you will learn how to design visual interfaces, and develop a further understanding of interaction design.

DXB302 Typographic Design

Pre-requisites	DXB202 or KIB120 or KVB204
Equivalents	KIB231, KIB335
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Typography surrounds us, and the way in which type is used is essential to the transmission and understanding of messages. This unit deals directly with the understanding of, use and manipulation of type in order to communicate messages more effectively and originally. It combines theory and practice, history and experimentation, and designing for print and digital media, all within a vibrant studio environment. You will engage with dynamic, creative briefs and use type as the main element of visual expression in your work.

DXB303 Programming for Visual Designers

Equivalents	KIB205
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

As part of a contemporary design and art production, practitioners often need to understand aspects of computer programming. This unit provides designers and artists with an introduction to computer programming. It demonstrates how designers and artists use programming within their practices and introduces the principles of programming that will allow you to use computing as a tool for design and art innovation. The unit is presented in a manner that is suited to the learning styles of visual designers and artists, and requires no previous computer programming experience. These skills will be applied to the creation of design and art outcomes in a studio setting.

DXB304 Interactive Narrative Design

Equivalents	KIB201
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit addresses theoretical issues associated with non-linear story structures and interactive narratives through the analysis of game structures, the creation of original game ideas and the application of techniques of information design to the structuring of non-narrative content. Addressing the creative and analytical roles of writers, conceptual designers and information designers in the context of interactive digital media and the Creative Industries.

DXB401 Advanced Web Design

Pre-requisites	DXB301 or KIB204 or KIB211 or KIB230
Equivalents	KIB216
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Web Design has extended significantly from the concept of information delivery into social networking and other expanded modes of engagement. Web

applications now appear in a range of delivery platforms from the desktop to personal and mobile technologies, such as media players and mobile phones. This unit will extend upon the knowledge and skills acquired in Introduction to Web Design, Interaction Design and Interface Design. It will introduce you to dynamic Web publishing employing contemporary open source content management systems. Theoretical understandings gained in lectures will be complemented by technical skills and applied to the development of authentic projects within design studios.

DXB402 Theories of Visual Communication

Pre-requisites	DXB202
Equivalents	KIB207
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit aims to build on your understanding of the principles of visual communication and its role in determining the values of our contemporary cultures and societies. Through a combination of exploring theoretical perspectives, discussions and class exercises you will critique and analyse images and visual communication designs occurring in multiple contexts. Through this experience you will develop further expertise in the understanding and production of contemporary communication design, including gaining a further awareness of the responsibilities of a designer.

DXB403 Design for Interactive Media

Equivalents	KIB109, KIB210, KIB214
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Designing for contemporary media requires a sophisticated understanding of how we effectively interact with new technologies, software applications, objects and environments. This unit focuses on the field of interaction design and user experience design. It develops an understanding of the theories, methods, and processes employed in Interaction/Experience Design through a

series of lectures and tutorials. These principles are then applied to authentic design briefs within design studios.

DXB501 Tangible Media

Pre-requisites	DXB303 or KIB205 or DXB401 or KIB216 or INB385 or IFB104
Equivalents	KIB314
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The design and production of computational and interactive media forms requires theoretical knowledge and an understanding of the processes that underpin the tangible as well as the embodied ways in which people interact with such systems. This subject builds upon previous interaction design studies and extends these studies into the field of tangible media.

DXB502 Visual Information Design

Pre-requisites	DXB302 or KIB231 or KIB335
Equivalents	KIB340
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Information and data is now an essential aspect of everyday life in our technologically-driven and visually rich society. In the contemporary world, the generation of data is much greater than the ability to digest and visualise this as meaningful information. Through this unit you will expand your visual design and communication knowledge and skills-base in the specialised and rapidly growing field of visual information design and data visualisation. Increasingly this represents an essential expertise for visual communicators of the future.

DXB503 Design Thinking

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Do you want to change the world, to make a difference? Do you have what it takes to imagine a different future - to dream up new and innovative approaches

to solving complex problems? Do you want to work with a team of like-minded students from across the university? If so this class is for you. We are calling for students who are passionate about their studies and want to become change agents, social entrepreneurs, strategists, and innovative thinkers. This "unit" is about disruptive trans-disciplinary practices, practices that will challenge your imagination and expectations about what university and learning is about. It is an intensive design challenge that begins with you, and by the end of semester - an enterprise ready for "Kickstarting"!

DXH601 Integrated Experience Design

Pre-requisites	DXB502 or KIB340 or KIB211
Equivalents	KIB338
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Design does not operate in isolation. All our decisions as designers affect not only the produced outcome, but the society and environment in which it is inserted. This unit provides you with the knowledge and skills to work on integrated design projects from conception to production that are focused on creating meaningful and transformative experiences for the users.

DXH602 Embodied Interactions

Pre-requisites	DXB501 or KIB314 or KIB311
Equivalents	KIB309
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Interaction with technology has advanced beyond the desktop paradigm of mouse and keyboard to embodied interfaces that incorporate video tracking, audio input, and gestural interaction techniques. Applications range from wearable technology to tangible media installations. This unit introduces an experimental field of interactive media design through the practical application of the processes and techniques of tangible media applications. Lectures, which provide the theoretical grounding of the study area, methodologies and examples of the application of tangible media are

complemented by practical classes and support the development of embodied media outcomes within design studios.

DXH701 IVD Research Studio 1

Pre-requisites	((DXH601 or DXH602 or KIB338 or KIB309) and completion of 264 cp of study) or completion of 60 cp of Visual Communication units (DVB%)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Design research is a key component of many careers in interaction and visual design. This unit addresses this demand by providing an opportunity for you to develop a major design-led research project. This is undertaken in a studio setting, under the guidance of academic supervisors from the discipline. It brings together the skills and knowledge developed over the first three years of your degree, and leads to the capstone studio unit DXH801.

DXH702 Contemporary Issues in IVD

Pre-requisites	(DXB402 or KIB207) and completion of 180cp of study
Equivalents	KIB315, KIB813
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The ubiquitous uptake of new technologies in communication, social interaction, and expression has changed the way that we conceptualize interaction and visual design. Designing within a contemporary context requires a sophisticated understanding of new design practices, methods, and theoretical models as well as an understanding of issues that arise when we explore digital technologies. This theory unit is designed to create an awareness of contemporary design practices, theories, methodologies and philosophical contexts; and to develop the critical, creative and analytical thinking that is required for design innovation. The unit will be taught through a combination of lectures, seminars readings and presentations.

DXH801 IVD Research Studio 2

Pre-requisites	DXH701
Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The final year capstone unit in Interactive and Visual Design and in this unit you will continue the work commenced in DXH701. The unit culminated in a graduate exhibition.

DXH803 Professional Practice for Designers

Pre-requisites	DXH702
Equivalents	KIB322, KIB806
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit will enable you to outline a strategy for your future as a designer and present yourself as a design professional in public contexts. It is based on professional workshops and presentations that will cover collaborative and inclusive work practices. It is a capstone unit in the Interactive and Visual Design program.

EAB361 Storytelling in Early Childhood

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 6TP4

A major consideration for teaching in early childhood education is to provide children with rich experiences of 'storying'. This unit introduces you to the following: the value of storytelling with young children; the selection of appropriate children's literature suitable for storytelling; various storytelling strategies in terms of their impact on a young audience; the use of appropriate props for storytelling; ways of integrating storytelling across the curriculum.

EAB365 Climate Change, Sustainability and Health Promotion

Credit Points	12
Campus	Kelvin Grove

Availabilities	Kelvin Grove - 6TP4
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There is general concern in the community about global issues such as climate change, and the health and wellbeing of children and young people, now and into the future. A key focus of this unit is understanding how the health of the planet intersects with the health of people, as well as appreciating the key role of education in contributing to healthy and sustainable societies. Within this broad, systemic approach is also a focus on childhood obesity, a complex issue involving a mix of individual, family and social contributors. These include the daily food needs of young people and how to provide appropriate everyday food education and social food experiences, allied with physical activity, outdoor environments, and other healthy living regimens. Additionally, your own personal health and sustainability status is considered.

EAB510 Early Childhood English, Literacies and Language 1

Anti-requisites	CLB004
Equivalents	EAB008
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit provides foundation understandings, skills and processes for studying English and literacies in either Primary English Curriculum Studies 1 and 2 (Primary students) or Early Childhood English, literacies and language 2 and 3 (Early Childhood students). The unit focuses on (i) theories of literacies for current times; (ii) children's literature; (iii) language acquisition; (iv) diversity, social justice and how language and texts work; and (v) English and literacy policy in EC and primary education contexts.

EAB511 Early Childhood Contemporary and Comparative Perspectives

Equivalents	EAB001
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This is a foundation unit in which you will explore a range of contemporary and comparative perspectives on the care and education of young children in differing socio-cultural contexts, in Australia and other countries. Linking past to present, you will examine the evolution of key philosophies, theories and approaches in early childhood education and care (ECEC), and consider their influence on contemporary policy, curriculum and practice. The unit encourages you to reflect critically on ways of thinking about children, childhood, development and learning and ECEC and to begin to formulate a personal philosophy of ECEC.

EAB512 Child Health, Safety, Wellbeing and Movement Education

Equivalents	EAB021
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides foundation understandings, skills and processes for understanding Child Health, Wellbeing, Safety and movement as they impact upon working with children, and as they relate to the learning area Health and Physical Education. The unit focuses on food, nutrition and wellness principles and policies for early childhood education settings; management of health and wellness components within early childhood settings; and planning early childhood health and wellness education.

EAB513 Partnerships with Families and Communities

Equivalents	EAB002
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This is a foundation unit in which you explore theory, research, policy and practice in relation to contemporary children, their families and communities in Australia. This unit encourages you to reflect critically on ways of thinking about children, families and communities, and to consider ways to promote respectful, collaborative partnerships with children, families and communities in diverse socio-cultural contexts.

EAB514 Inclusive Education and Early Intervention in Early Childhood

Pre-requisites	EDB121
Equivalents	EAB005
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

The unit promotes an understanding and valuing of inclusive educational programs and practices for working with young children with a diverse range of abilities and backgrounds in early childhood settings. You will relate your knowledge of children's behavioural and developmental characteristics to early intervention and inclusive principles and practices in early childhood programs.

EAB515 Leadership and Management in Early Childhood

Equivalents	EAB006
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This is a fourth year unit in which you explore leadership and management as an essential element of quality early childhood education and care for children and families. Effective management skills and strategies are integral in building strong, respectful and meaningful relationships with children, families and staff. Understandings of leadership and management enable early childhood educators to work optimally with diverse children, families and communities in varying early childhood contexts.

EAB516 Research in Early Childhood

Equivalents	EAB016
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit will help you to understand contemporary research in early childhood. Early childhood research is a dynamic and interdisciplinary field of investigation

in which important questions about children and early childhood education and care can be addressed.

EAB530 Arts Curriculum Studies 1: Visual and Media Arts

Anti-requisites	EAB011, KKB201
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit is a foundational Arts unit examining the basic elements and concepts relevant to the Visual and Media arts in particular. The unit provides opportunities for practical exploration of these art forms, and introduces relevant arts pedagogies that emphasise the role of the arts in society and in the care and education of children from birth to 12 years of age.

EAB531 Early Childhood Science Education

Anti-requisites	EAB015
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit develops your understanding of early childhood science education for children from birth to eight years of age. It develops knowledge, skills and dispositions that will enable you to apply these understandings to effective inquiry-based science teaching and learning in early childhood centres and the early years of school.

EAB532 Early Childhood Mathematics Education 1

Anti-requisites	EAB027
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

In this unit, you will develop an understanding of the contemporary context of Early Childhood Mathematics

Education (ECME) and be introduced to mathematical content knowledge and the pedagogical practices associated with Number and Algebra. Through your participation in this unit and the proceeding EAB533 Early Childhood Mathematics Education 2 unit, you will develop conceptual and pedagogical knowledge of early years mathematics teaching and learning.

EAB533 Early Childhood Mathematics Education 2

Anti-requisites	EAB028
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

In this unit, you will engage in learning about foundational concepts in mathematics; exploring ways in which early childhood educators can develop appropriate learning opportunities to encourage and foster children's mathematical development. The Early Childhood Mathematics Education (ECME) content specific to this unit is Measurement, Geometry, Statistics and Probability. This unit builds on concepts and understandings developed in EAB532 Early Childhood Mathematics Education 1.

EAB534 Early Childhood English, Literacies and Language 2

Pre-requisites	EAB510
Equivalents	EAB009
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit further develops your knowledge, skills and application for teaching English curriculum and literacy to young children. The unit focuses on the teaching of reading and writing in the early years of school, and develops understandings about effective literacy teaching in prior to school settings. It links to the work previously undertaken in Early Childhood English, Literacies and Language 1 and supports the development of understandings that will be crucial for your future studies in Early

Childhood English, Literacies and Language 3.

EAB535 Early Childhood English, Literacies and Language 3

Pre-requisites	EAB510 and EAB534
Equivalents	EAB010
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit builds on the content of earlier units Early Childhood English, Literacies and Language 1 & 2. The unit focuses on broadening the knowledge and understandings of students about the current context of education in relation to literacy and English in prior to school and primary school settings. The unit provides a space for students to build informed opinions about important issues and to practice articulating these opinions professionally and confidently.

EAB536 Early Childhood Arts Curriculum Studies 2: Performing Arts

Pre-requisites	EAB530
Equivalents	EAB012
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit examines the basic elements and concepts relevant to the art forms of dance, drama, media and music; provides opportunities for practical exploration of these art forms; builds a repertoire of relevant arts pedagogies and extends on the foundational knowledge acquired in EAB530 Arts Curriculum Studies 1: Visual and Media Arts, with further analysis of the importance of the Arts in the care and education of young children.

EAB537 Early Childhood Arts Curriculum 3: Community Arts

Pre-requisites	EAB536
Equivalents	EAB026
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Early childhood contexts vary widely, learners are increasingly diverse, and the role of teaching more complex. Professional educators need to have a good understanding of the arts curriculum documents, be adaptable in how they teach the arts, and flexible in the opportunities they offer for children to learn through and about the arts. Part of the professional work of educators can be experienced and learned through purposeful engagement with communities and community arts experiences, including, but also going beyond, formal education and care settings.

EAB538 Primary Arts Curriculum Studies: Performing Arts

Anti-requisites	KKB202
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The arts are a highly significant and important part of every child's education. Through music, movement/dance, media, imaginative play, story and drama, children are provided with ways to experience, understand, appreciate and respond to their worlds, as they develop visual, aural, bodily-kinaesthetic and aesthetic literacies.

EAN601 Investigating Curriculum and Pedagogy in Early Childhood

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

The aims for this unit are to assist students in developing a critically-informed and research-based understanding of the current issues that are under scrutiny in the field of Early Childhood Education. Recognition and appreciation of gender, culture and customs are essential to the consideration of the issues, and students will make active contributions to promoting codes of practice relevant to the specific professional area of education/learning.

EAN603 Child Development in Context

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

The aim of the unit is to foster critical understanding of current developmental theory, the conduct of developmental research and the application of research findings to practice in early childhood education and other fields in which professionals work with children and families.

EAN614 Arts and Sciences in Early Childhood

Credit Points	12
Campus	External
Availabilities	External - SEM-1

The unit challenges students, as leaders in early childhood teaching and learning, to interrogate a broad range of ideas, principles and guidelines to assist them in making decisions about curriculum in the arts and sciences. It challenges students to engage with trans-disciplinary and cross-disciplinary knowledge and innovation.

EAN615 Mathematics in Early Childhood

Credit Points	12
Campus	External
Availabilities	External - SEM-2

This unit aims to develop a sound understanding of the theories which inform early childhood mathematics and the teaching and learning of mathematics. Students develop a broad knowledge of mathematical content specifically for early childhood contexts.

EAN616 Language, Literacies and Communication in Early Childhood

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

The focus of this unit is to help students to understand recent research-based practices for literacy learning and teaching in the years before compulsory schooling and the early years of schooling. Emphasis is placed on a definition of literacy as critical social practice, and a balanced approach to literacy teaching and learning is foregrounded. The unit highlights the importance of all children becoming active participants in society and of knowing and engaging in a range of literacy practices. The unit will provide opportunities for students to consider the importance of providing 'high quality' literacy instruction to all students as a basic foundation of a socially just or 'high equity' education system.

EAN653 Primary and Early Childhood Arts Curriculum

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit examines the basic elements and concepts relevant to all strands of the Arts, including Visual Arts, Dance, Drama, Media Arts and Music. The unit provides opportunities for practical exploration of each of these art forms through problem-finding, problem-solving and inquiry-based approaches to learning. This unit challenges you to interrogate a broad range of ideas, principles and guidelines to assist you in making decisions about curriculum in the Arts. You are introduced to relevant Arts pedagogies for each strand and across all developmental phases, emphasising the role of the Arts in society and in the education of children aged birth to 12.

EAN656 Teaching Mathematics in the Early Years

Credit Points	12
Campus	External
Availabilities	External - SEM-1

In this unit, you will engage in a critical analysis of the contemporary context of Early Childhood Mathematics Education (ECME) to develop theory-based practices. You will develop expertise in content knowledge and pedagogical practices associated with Measurement and Geometry and Probability and Statistics. Through engagement in the

unit you will build your research proficiencies that will support mathematics teaching. This unit augments the concepts and understandings developed in the unit, Mathematics Education.

EAN657 Teaching English and Literacy in the Early Years

Pre-requisites	EAN651
Credit Points	12
Campus	External
Availabilities	External - SEM-2

This unit further develops your knowledge, skills and application for teaching English curriculum and literacy to young children. The unit focuses on the teaching of reading and writing in the early years of school, and develops understandings about effective literacy teaching in prior to school settings. It links to the work previously undertaken in Early Childhood English, Literacies and Language and supports the development of understandings that will be crucial for your future studies and work as an early childhood teacher.

EAN658 Humanities Curriculum Studies

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit introduces key concepts, content and skills that are the foundation of studies in the humanities, with a focus on history and geography education in the early childhood, lower and upper primary years. The unit distinguishes children as competent, proactive learners who can develop and experience perspectives about the past, present and future, and about environments and sustainability. Building on these understandings, early years and primary school learners investigate and explore challenging topics in social and cultural education, and in history and geography to enable them to become critical thinkers and active and informed citizens. As such, educators in early childhood and primary education engage with children, families and communities in ways that support understanding about the role of history and geography, civics and citizenship in society. This unit engages you with relevant curriculum documents and

pedagogical strategies that support teaching and learning around Humanities in early childhood and primary school settings.

EAN659 Early Childhood Pedagogies in the Field: Family and Community Partnerships

Credit Points	12
Campus	External
Availabilities	External - SEM-2

This is a final year capstone unit that draws together your professional knowledge and experience to date, and supports you to reflect critically on your developing identity as an early childhood professional in regards to thinking about and working with children, families and communities. This unit encourages you to consider ways to promote respectful, collaborative partnerships with children, families and communities in diverse socio-cultural contexts. This includes articulating your educational philosophy and pedagogy of teaching, both of which are central to your transition to teaching. Developing understanding about professionalism in education and the complex roles and responsibilities of early childhood professionals includes engagement with research; both in terms of accessing and applying research findings to teaching practice, and generating knowledge through teacher-research within classrooms, centres or schools. This unit provides a natural opportunity for students to consider appropriate communication planning and records management of student achievement. This unit supports you to conduct research focussed around exploring a topic of importance for families and communities. Teachers who understand and investigate topics relevant to diverse families and communities enrich their own classroom practice with regards to inclusive education, embedding Indigenous per

EDB112 ICT in Early Childhood and Primary Education

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is at the introductory stage of your course and provides the foundations for the application of information and communication technologies (ICT) in curriculum and pedagogy. It addresses the knowledge and application of ICT in

both early childhood and primary education contexts. It further shows how children can benefit from opportunities to explore their world using technologies to develop confidence in using digital media.

EDB120 Early Childhood Learning and Development 1

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This introductory unit examines the major theories, features and processes of early development. The pace and direction of development are shaped by biological predispositions and personal attributes, as well as by the interactions and experiences afforded to the child. Knowledge of contexts, their impact on individual development, and an awareness of the interrelationships between each area of development is necessary in order to develop an understanding of how children think and learn. Early childhood teachers also require a range of skills for observing and analysing behaviour in order to plan and organise appropriate educational opportunities in early childhood settings. This unit incorporates a 10 day professional placement in a kindergarten setting.

EDB121 Early Childhood Learning and Development 2

Pre-requisites	EDB120
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

To facilitate learning during early childhood, teachers must have a sound knowledge of the major theories, features and processes of development. The units in the developmental strand are underpinned by socio-cultural theory, which takes into account both the psychological and the social mechanisms of development and learning. The focus of this unit is children's speech, language and cognitive development. This unit incorporates a 15 day professional experience in a child care setting with children aged 0-2 years, and 1 day (equiv) lead in time at the same site. For students on the Advanced Standing pathway incorporating acknowledgement of approved work experience (RPL), the

professional experience placement will be a 10 day professional experience in a kindergarten setting with one day (equiv) lead in. The purpose of the on-site lead in time is for pre-service teachers to orient themselves to the site, to processes at the site, and to the class/group with whom they will be working. Lead in time is only required if the student is going to a new site for professional experience.

EDB122 Early Childhood Professional Practice and Pedagogies

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This is a final year capstone unit that draws together your professional knowledge and experience to date, and supports you to critically reflect on your developing identity as an early childhood professional, to articulate your educational philosophy and pedagogy of teaching and to prepare for your transition to teaching. Embedded in this unit is a final year professional experience, where students apply knowledge developed throughout their course, in the areas of professional work of the teacher and pedagogy. This unit incorporates a 10 or 20 day professional placement in a kindergarten setting and 1 day equivalent lead in at the same site. The purpose of the on-site lead in time is for pre-service teachers to orient themselves to the site, to processes at the site, and to the class/group with whom they will be working. Lead in time is required only if the student is going to a new site for professional experience.

EDB140 Teaching Strategies and Planning

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit focuses on developing foundational core skills in lesson planning and in designing and implementing teaching strategies for inclusive educational contexts. The unit develops your professional knowledge, skills and practice, and includes site visits as well as 10 days of professional experience in a primary school setting. Professional experience is central to your preparation

for the profession, and all units that contain a professional experience component are designated units, that is, students who do not achieve a passing grade for the unit will have their progress in the course reviewed. Failure to pass a designated unit may result in exclusion from the course. This is your first formal supervised professional experience. The unit provides a foundation for further professional experience to be undertaken in EDB170 Creating Positive Learning Environments. The unit content links to your curriculum units to further develop your knowledge, understanding and skills in supporting student learning.

EDB150 Secondary Assessment 1: Summative and Diagnostic Assessment

Pre-requisites	EDB171
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit focuses on planning summative and diagnostic assessment, and the implications for teaching and learning in inclusive educational contexts. The unit develops your professional knowledge, skills and practice, and includes a 4 week professional experience in a secondary school setting. The unit content links to your curriculum units to further develop your knowledge, understanding and skills in supporting student learning through summative and diagnostic assessment. Additionally, you will learn about how assessment practices are changing in Queensland, specifically those related to new quality assurance arrangements.

EDB170 Creating Positive Learning Environments

Pre-requisites	LCB002
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit develops your awareness, knowledge, and skills of a variety of behaviour support and classroom management strategies and processes and includes professional experience. It aims to help you to understand and develop collaborative, positive and inclusive learning environments across a range of educational settings. This unit links to the work previously undertaken in LCB002 Child and Adolescent Development and Learning and helps

prepare you for LCB005 Inclusive Education. This unit also develops your professional knowledge, skills and practice, and includes a 10 day professional experience, as per the Professional Experience Calendar.

EDB171 Culture Studies 1: Indigenous Education

Pre-requisites	EDB120 or EDB170
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit focuses on the impact of culture and cultural identity and its impact on Aboriginal and Torres Strait Islander peoples' education. It involves theoretical understandings around cultural standpoint as well as planning for teaching Aboriginal and Torres Strait Islander peoples' knowledge in an educational context. The unit develops your professional knowledge, skills and practice, and includes a 10-day professional experience, as per the Professional Experience Calendar.

EDB172 Education and Society 2

Pre-requisites	EDB171 or EDB150
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit focuses on the links between education, culture and society. This unit uses socio-cultural theory previously introduced in other units to better understand and engage with students from diverse backgrounds. It has a practical and professional emphasis and links professional experience to recent educational policy initiatives. Such initiatives include the importance of teachers understanding their legal and ethical responsibilities in terms of Child Protection and the Rights of the Child. Professional experience is crucial to your preparation for the profession.

EDB173 Early Childhood and Primary Assessment 1: Summative and Diagnostic Assessment

Pre-requisites	EDB172
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit focuses on planning summative and diagnostic assessment, and the implications for teaching and learning in inclusive educational contexts. The unit develops your professional knowledge, skills and practice, and includes a 4 week block professional experience in a primary school setting. The unit content links to your curriculum units to further develop your knowledge, understanding and skills in supporting student learning through summative and diagnostic assessment.

EDB174 Stepping Out/ Making Connections

Pre-requisites	EDB173 or EDB150
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit is the capstone for the degree program. You will be required to demonstrate your achievement of the Graduate level of Professional Standards of the profession of teaching, through engagement in a conference, completion of professional experience, and submission of a capstone assessment piece.

EDB175 Internship

Pre-requisites	EDB174. EDB174 can be enrolled in the same teaching period as EDB175
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 5TP2, SEM-2

Internship is the final unit in your course that bridges preservice teaching and beginning teaching. The Professional

Internship differs from professional experience conducted earlier in your degree and is undertaken after the successful completion of all other course requirements. The Internship provides an enriched and authentic set of learning experiences which will prepare you for life-long, professional learning as a teacher. As an Intern, you will receive an Associate Teacher, with an authority to teach from the Queensland College of Teachers (note this is not the same as Full Registration and there are stringent conditions). Internship is the culmination of your preparation to enter the profession, and provides you with an opportunity to practise as a professional, under the mentorship and in partnership with a mentor teacher.

EDB440 Independent Study

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - 13TP3, SEM-1, SEM-2 External - 13TP3, SEM-1, SEM-2, SUM

This unit involves self-initiated and self-directed academic study in an area of educational interest that allows study either to a depth not possible in option units, or in an area not covered by the course.

EDN602 Advanced Seminars

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-1 (Block), SUM, SUM (Block) External - SEM-1, SUM

This unit provides for the special needs and interests of students. Small groups of students interact at an advanced level with specialists or visiting scholars in seminars, conferences and research projects. Enrolment is with Course Coordinator approval only.

EDN603 Research Review

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - 13TP1 (Block)

External - 13TP1

This facilitated study unit involves an in-depth investigation of a problem, issue or challenge of relevance to education.

EDN604 Facilitated Study Unit

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2

The facilitated study units involve an in-depth literature review to investigate a problem, issue, or challenge of relevance to education.

EDN604 Facilitated Study Unit

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2

The facilitated study units involve an in-depth investigation of a problem, issue or challenge of relevance to education.

EDN610 Professional Dialogues in Education

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit aims to develop understanding of what it means to be an innovator and a leader in a contemporary professional context. The unit is underpinned by the notion that innovation means being more critical, being open, being able to engage with greater uncertainty and complexity, and being able to learn from the past and from a broad range of contemporary ideas in order to manage the future.

EDN611 Conducting and Evaluating Educational Research

Credit Points	12
Campus	Kelvin Grove and External

Units

Availabilities	Kelvin Grove - SEM-1, SEM-2
	External - SEM-1, SEM-2

The unit focuses on developing expertise to to seek research knowledge that addresses specific problems or issues in your practice. It assists you to search databases and other sources to locate published research reports in your field and evaluate them critically.

EDN612 Shaping an Educational Research Project

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2
	External - SEM-1, SEM-2

The unit aims to enhance capacities for undertaking research in educational and other learning contexts that is innovative in both its focus and its approach. The unit engages you in a comprehensive examination of relevant research theory and practical application.

EDN635 Professional Experience in Early Childhood

Pre-requisites	EAN601
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	External - SEM-1, SEM-2

In this unit, you are required to draw on professional knowledge and experience in making child observations and in planning, implementing and evaluating learning experiences for children.

EDN662 Early Childhood Professional Practice and Research

Pre-requisites	EDN661
Credit Points	12
Campus	External
Availabilities	External - SEM-1

This unit draws together your professional knowledge and experience and develops an understanding of contemporary research in early childhood contexts. Early childhood research is a dynamic and interdisciplinary field of investigation in which important questions

about professional can be addressed. This unit supports you to critically reflect on your developing identity as an early childhood professional. You will explore your educational philosophy and pedagogical practices. Embedded in this unit is professional experience as follows: 2017 commencing students (full-time) - 15 days birth-2 2016 commencing students (part-time) - 10 days birth-2; and 15 days P-3 2015 commencing students (part-time) - 15 days birth-2 as per the Professional Experience Calendar, where you will apply your knowledge of professional practice and implement a small-scale research project.

EDN672 Teachers as Researchers

Pre-requisites	(CRN651 and CRN653 and EDN671) or (EDN671 and 2 of CRN666, CRN668, CRN670, CRN672, CRN674, CRN676, CRN678, CRN680, CRN684) . CRN651 can be studied in the same teaching period as EDN672
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit develops your knowledge and skills in introductory educational research principles to be applied when researching your own teaching practice. Quantitative and qualitative research skills will be explored as methodologies for teacher-research. Analysing classroom performance data will be discussed highlighting the trends that provide information relevant to teachers. The unit considers the range of data sources available to teachers including self-collected data and data from standardised test reports. The unit will develop your ability to critically evaluate and design educational research and to relate educational research to your teaching practice.

EDN673 Culture Studies: Indigenous Education

Pre-requisites	EDN662 or EDN672
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove

- SEM-2 External - SEM-2

This unit begins with an analysis of your own cultural place in the Australian context and moves toward understanding about Aboriginal and Torres Strait Islander perspectives on history and contemporary issues. You will examine why Aboriginal and Torres Strait Islander students have been continually disadvantaged by the Australian education system and will be supported to develop theoretical understandings about cultural standpoint and principles for embedding Aboriginal and Torres Strait Islander perspectives in an educational context.

EDP415 Engaging Diverse Learners

Credit Points	12
Campus	External
Availabilities	External - SEM-1

Increasingly rich and complex opportunities are offered to today's learners to engage in personal, contextual and technological approaches to knowledge construction. To participate effectively in modern learning environments, and to be able, in the future, to support the learning of diverse learners, students completing this unit will develop an understanding of the processes of learning, and the influence of both individual differences and socio-cultural contexts in personal, social and professional development.

EDP416 The Professional Practice of Educators

Credit Points	12
Campus	External
Availabilities	External - SEM-1

This Education Studies unit builds your professional and ethical capacity as a Teacher by developing a social science framework for understanding and analysing the professional practice of educators in local and global contexts. The unit will develop your knowledge of the social, cultural, and political 'strategies' shaping professional practice and education today. It will also develop your understanding of the 'identities' produced by these strategies and of the ways in which they might be ethically and equitably managed in all phases of learning.

EDP441 Professional Experience 1: Engaging Diverse Learners

Pre-requisites	Curriculum Studies 1 unit. This unit can be studied in the same teaching period as EDP441
Credit Points	12
Campus	External
Availabilities	External - SEM-1

Designated Unit. This professional experience unit integrates and applies the current perspectives, issues and theoretical frameworks of inclusion and diversity. It enhances the student's ability to identify and address social, cultural, political and legislative issues to provide quality inclusive educational experiences for all learners. Students will actively engage with the challenges and practices of inclusive education in the classroom and the broader educational setting. To do this effectively, students will need to identify barriers to student learning and develop strategies to maximize educational outcomes for all students. (22 days professional experience). Not available to Visiting students.

EDP442 Professional Experience 2: The Professional Practice of Educators

Pre-requisites	EDP441 and Curriculum Studies 3 unit. The CS3 unit can be enrolled in the same teaching period as EDP442
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	External - SEM-1, SEM-2

Designated Unit. This professional experience unit is designed to alert you to the professional issues of ethical and equitable practice, to legal responsibilities that face any educator, and to the need to stay informed of new developments shaping professional practice. In the professional experience placement you will move towards becoming a graduate teacher, managing learning environments that are educationally productive, being alert to student diversity and the legislative context, as well as being mindful of the need for ongoing career enrichment and planning. (33 days professional experience). Not available to Visiting students.

EDR703 Interdisciplinary in Education Studies (Advanced Seminars)

Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1 (Block)

This unit is a reading and seminar program that aims to broaden and deepen the student's initial perspective to include elements derived from theoretical perspectives drawn from a number of disciplines. The unit seeks to provide a context of learning for educators who seek the personal and professional benefits that the broadening and deepening of their professional knowledge affords.

EFB106 Cost-Benefit Analysis for Project Appraisal

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Cost Benefit Analysis (CBA) is a key technique used to assess the relative desirability of competing alternative uses of limited resources. CBA has a well-established theoretical foundation and is a commonly used method of economic evaluation. CBA is used to appraise investment projects, socio-economic programmes and policies with the results from CBA providing decision makers with useful information to make informed decisions. This unit provides students with opportunities to understand, analyse and apply the analytical framework of CBA across a range of industries in the public and private sector.

EFB201 Financial Markets

Pre-requisites	BSB113 or CTB113
Equivalents	EFX201
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit introduces students to the institutional structure of global financial markets, and thereby complements the understanding of theoretical finance gained in EFB210. Topics covered

include the functions of financial markets, the banking and payments system, financial system deregulation, non-bank financial institutions, stock exchange operations, debt markets, foreign exchange markets and markets for financial derivatives.

EFB210 Finance 1

Pre-requisites	BSB113 or MAB126 or MXB105 or UDB104 or MZB126
Equivalents	EFX210
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

This unit covers the following topics: an introduction to the financial institutional framework; an introduction to debt and equity instruments; financial mathematics applied to the pricing of debt and equity securities; a firm's investment decision including Net Present Value (NPV) and Internal Rate of Return (IRR); introduction to risk and uncertainty using the Capital Asset Pricing Model (CAPM) and Weighted Average Cost of Capital (WACC) concept and risk management.

EFB222 Introduction to Applied Econometrics

Pre-requisites	BSB122 or BSB123 or MAB101 or MAB233 or MXB107
Anti-requisites	EFB101
Equivalents	EFX222
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit will provide students with the necessary background for advanced study in economics, econometrics and finance. It should also enable them to use basic mathematical and statistical techniques for economic and financial analysis and enable the confident and independent use of these skills. Students will be helped to understand the use of these techniques with reference to real world applications drawn from the fields of economics and finance.

EFB223 Economics 2

Pre-requisites	BSB113 or CTB113 or UDB104
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Units

Equivalents	EFB102, EFX223
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Consumer behaviour, the role of the government in market intervention, allocative efficiency and market structure are some of the fundamental issues in microeconomics addressed in this unit. Business cycles and the related issue of macroeconomic stabilisation policy are analysed and explained within the Australian context. The significance of the international economy is described through a discussion of foreign exchange markets, the Australian dollar and the terms of trade.

EFB225 Economics for the Real World

Pre-requisites	BSB113 or CTB113
Equivalents	EFX225
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

A key focus of this unit is to understand the complex dimensions of current social and public issues. Foundational economic concepts, principles and theories will be used to analyse and evaluate issues, and students will develop an understanding of the broader political economy that underpins many complex problems (including social and ethical bias and norms), which can consequently drive particular policy approaches. Students will assess economic policy inferences, recognise potential constraints in their implementation and evaluate the efficacy of policy outcomes.

EFB226 Environmental Economics and Policy

Pre-requisites	BSB113
Equivalents	EFB334, EFX334, EFX226
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The unit introduces students to some of the current environmental and natural resource issues confronting society and

how planners and decision-makers could better understand and address these problems using economics. This unit demonstrates that economics has a major role to play in helping us to understand and solve some of the environmental problems facing societies. It will be demonstrated that economics can often be used to help protect the environment rather than harm it. The unit would benefit those who wish to work either in the public or the private sector.

EFB240 Finance for International Business

Pre-requisites	(BSB119 or CTB119 or BSB116) and (BSB113 or CTB113)
Anti-requisites	EFB312, MIB202
Equivalents	EFX240, IBB202
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

In this unit students analyse the ways that international operations and performance of businesses can be put at risk by changing financial and regulatory conditions across borders and determine how best to manage the exposure to this risk. This unit examines the following: the evolution of the international financial system; the foreign exchange market; the types of foreign exchange rate exposures; managing exchange; translation and consolidation risks; assessing foreign direct investment targets; comparing the performance of foreign affiliates; operations exposure to regulatory risk of tax; investment evaluation and policy changes; country risk assessment and managing country risk exposure.

EFB308 Empirical Finance

Pre-requisites	(EFB307 or EFB343) and EFB335
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit includes the following topics: a study of contemporary finance research; CAPM; beta estimation; valuation theory; market efficiency; value at risk; use of finance research tools; anomalies and extension of finance theories. Students are required to complete a research project combining theory and practice. This unit covers many topical areas in contemporary finance

research. These include, but are not limited to: asset pricing; beta estimation; market efficiency; value at risk; mutual fund performance; volatility modelling; and the term structure of interest rates. Students are required to complete a research project combining theory and practice.

EFB309 Financial Derivatives

Pre-requisites	EFB344
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit explores a range of pricing models and develops students' knowledge and skills in the application of these for derivative pricing. Students will construct and generate a variety of derivative prices and draw on discipline knowledge, technical skills and critical thinking skills to adapt these models to solve problems.

EFB311 Financial Institutions Lending and Control

Pre-requisites	EFB201
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit examines the fundamental motivations for lending by financial institutions, and the ways in which these are reflected in loan market practice. Specific topics cover the theoretical basis of lending as financial intermediation, the purpose and utilization of loans by borrowers, the major costs of lending for financial intermediaries (including a strong focus on credit costs), lenders' compensation, lending relationships, the structural features of loan agreements, loan security and enforcement, and special topics on syndicated lending and project finance.

EFB312 International Finance

Pre-requisites	EFB201 and EFB210
Anti-requisites	EFB240, IBB202
Equivalents	EFX312
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-

2

This unit examines the theory and practice of international finance, including: the mechanics and uses of the spot, forward, swap, futures and options markets in foreign exchange; the relationship between domestic and international capital markets; interest rate and exchange rate determination; risk management of foreign exchange; international trade finance; and evaluation of offshore investment.

EFB330 Intermediate Macroeconomics

Pre-requisites	EFB223 or EFB102
Equivalents	EFB202, EFX330
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The unit introduces macroeconomic theories and policies. During the course of the semester, you will become familiar with various macroeconomic issues faced by a modern economy, policies to solve these issues as well as the limitations of these policies. You will develop a critical view when confronted with the different theories and policies.

EFB331 Intermediate Microeconomics

Pre-requisites	EFB223 or EFB102
Equivalents	EFB211, EFX331
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit is concerned with the economic analysis of the decisions and actions of consumers, firms, and governments in modern economies. It focuses on the interplay between government, private firms, and consumers and on developing the student's ability to apply microeconomic concepts to a range of economic issues and problems. The theoretical and empirical content of this unit provides the basis for understanding the decisions and actions of consumers, firms and governments in modern economies with a focus on applying theories to real world problems.

EFB332 Applied Behavioural Economics

Pre-requisites	EFB331 or EFB337
Equivalents	EFX332
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit is designed to expose students to current and practical applications of behavioural economics that can be used to improve the understanding of important topics in the area of sports, arts and entertainment. It uses an economic approach to explore topics such as superstardom, fakes, fads and herding behaviour, favouritism, awards and creativity, pressure, pay and performance, positional concerns or outcome uncertainty. The theories and methodological tools learned in this unit can also be applied to other economic areas and industries.

EFB333 Applied Econometrics

Pre-requisites	EFB222 or EFB101
Anti-requisites	EFB200
Equivalents	EFX333
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit develops and applies econometric methods introduced in earlier units. As a final year unit the focus is primarily on applied skills using common methods that business, economics and finance graduates will encounter in practice. Students will develop technical and critical thinking skills and gain an appreciation of many of the theoretical results underpinning econometric models to assist in their application. The knowledge and skills gained in this unit will enable students to address problems encountered across the areas of microeconomics, macroeconomics and finance. These skills are essential for research in economics and finance and for use in future employment.

EFB335 Investments

Pre-requisites	EFB201 and EFB210
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Anti-requisites	EFB318
Equivalents	EFX335
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit advances the students' understanding of how investment decisions are made, what securities to invest in, how they fit in a portfolio, the impact of transaction costs, the risks associated with investing and performance evaluation of the investment process. This unit aims to provide students with an intermediate to advanced level of investment decision making skills which are essential for finance students in their personal and professional lives.

EFB336 International Economics

Pre-requisites	EFB223 or EFB240 or EFB201
Anti-requisites	EFB314
Equivalents	EFX336
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

International economics advances student understanding of global markets and positions through theories and analyses of trade, intervention, currencies, current transactions, capital positions and obligations in an interdependent world. Through considerations of international positions and competitiveness the unit develops a framework for understanding of the prospects and challenges facing firms, organisations, institutions and governments active in the international economy and of the wider issues of global progress and stagnation.

EFB337 Game Theory and Applications

Pre-requisites	EFB223
Equivalents	EFX337
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit presents the basic concepts of game theory and its application to

Units

economic phenomena, focussing on how individuals and firms deal with uncertainty and situations involving strategic interactions. The theoretical concepts are illustrated with applications from both the private and public sectors. Contents include the economics of uncertainty and information, asymmetric information, auctions, bargaining, strategy and voting and evolutionary game theory.

EFB338 Contemporary Application of Economic Theory

Pre-requisites	(EFB330 or EFB202) and (EFB331 or EFB211) and (Completion of 168 credit points)
Equivalents	EFB329, EFX338
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

EFB338 is a unit designed to summarize your studies in economics. The unit comprises usually of three or more topics of current research in economics. The topics cover micro and macro economics, trends in current theoretical, empirical and economic policy research. The unit is designed to develop your ability to summarise, evaluate and criticise research findings as well as to introduce you to how research in economics evolves to allow you to keep up with the progress made in economics after your degree.

EFB339 Financial Planning and Investments

Pre-requisites	EFB210
Anti-requisites	AYB250
Equivalents	EFB230
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit builds on the introduction to finance concepts, theories and skills that students gain in EFB210 and earlier Finance units. Building on prior knowledge and skills this unit focuses on financial planning and financial decision making including the regulatory framework underpinning the decision making process. It also looks at the key instruments and methods used for financial planning and decision making in industry. Drawing on financial planning

theory, students will gain analytical, evaluative, technical and advisory skills to address individual investor client needs including solving financial planning problems and designing financial plans with reference to superannuation, managed investments and deposit products.

EFB341 Economics and Finance Special Topic - C

Other requisites	Subject to Unit Coordinator Approval. Students are required to complete a minimum of 192 credit points of study and must seek approval from a potential supervisor and unit coordinator prior to enrolment.
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

EFB342 Workplace Experience in Economics and Finance

Pre-requisites	(EFB343 or EFB307) or (EFB330 and EFB331)
Other requisites	Subject to Unit Coordinator approval of an appropriate placement within industry; and GPA: 4.5 or above
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit aims to expose students to an organisational setting in the fields of economics and finance where theoretical knowledge is applied to solving real world problems. In the process of application, students' understanding of their learned knowledge will be enhanced. The unit will also help students appreciate the provisional nature of knowledge and the importance of dealing with incomplete information and the ambiguity/complexity of information in these fields.

EFB343 Corporate Finance

Pre-requisites	EFB210
Anti-requisites	EFB307

Equivalents	EFX343
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit develops and extends the knowledge and skills fundamental to the financial management of an organisation introduced in EFB210 Finance 1. Topics examined include: working capital management, capital investment decisions (including: estimation of required rates of return, sensitivity and scenario analysis, and the valuation of real options), issuance of corporate securities and capital structure, payout policy, mergers and acquisitions, and financial restructuring.

EFB344 Risk Management and Derivatives

Pre-requisites	EFB201 and EFB210
Equivalents	EFX344
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit develops knowledge and skills required to identify, measure and hedge the risks associated with an exposure to financial securities. It also develops knowledge of a variety of derivative contracts with a specific focus on how these securities are priced and how they are used to manage and hedge risk. Topics in risk management include: understanding risk, measuring risk, managing risk and exploring the value of risk management. Subsequent topics on derivatives include: the pricing and use of forwards, futures, swaps and options contracts.

EFB360 Finance Capstone

Pre-requisites	EFB335 and (EFB307 or EFB343)
Equivalents	EFX360
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit is designed to encompass the theory and knowledge gained in the entire Finance Major. The topics included in this unit are project evaluation, investment

analysis, corporate valuation and advanced financial decision making. This unit aims to provide students with the forum to practice their finance skills in an applied setting which acts as a bridge between university studies and real-world employment in the financial services industry.

EFN405 Applied Economics

Anti-requisites	GSN203, GSN411, GSN414, GSN491, GSN492, GSZ491
Equivalents	EFX405
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This introductory unit provides students with a broad understanding of the economic forces that impact consumers, business and government. It develops skills that they will continue to apply in later units where more complex situations and issues are covered. Consumer behaviour, the efficiency of markets, and market structures are some of the microeconomic topics addressed in this unit. The macroeconomic topics include the cost of living, economic growth, the financial system, and fiscal and monetary policy.

EFN406 Managerial Finance

Anti-requisites	GSN413, GSN423, GSZ413
Equivalents	EFX406
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM

This unit gives students an essential grounding in applied finance, addressing fundamental issues of how we can use finance in a commercial sense and how this impacts critical organisational and managerial decisions in an increasingly complex and demanding financial environment. This unit introduces students to key themes in finance including Financial Markets and Instruments, Market Efficiency, Risk and Return and Cost of Capital. It also addresses key financial decisions of the firm including investment, dividend and

financing decisions.

EFN408 Special Topic - Economics, Banking and Finance A

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

EFN412 Advanced Managerial Finance

Pre-requisites	EFN406
Equivalents	EFX412
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit expands on material introduced in EFN406 Managerial Finance. Its objective is to examine the key decisions made by corporate financial managers including investment, financing and dividend decisions. Topics include: the financing decision and capital structure; debt versus equity; lease versus debt; the dividend decision and dividends versus capital gains; franked versus unfranked income; firm valuation; the free cash flow model; evaluation of takeovers; risk, return and diversification; the CAPM model, its practical application and its relationship to the efficient market hypothesis; forwards, futures, options; risk management using financial derivatives, and real options.

EFN414 International Finance

Pre-requisites	EFN406
Anti-requisites	EFN417
Equivalents	EFX414
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit extends the knowledge and skills students have gained in prior units by exploring the influences, issues and challenges of the international environment. Students will investigate financial management issues arising in international settings and develop problem solving and decision making skills essential for financial practice. This unit introduces the theory and practice of international finance, the relationship

between domestic and international financial markets, international parity conditions and arbitrage, foreign exchange risk management, country and political risk management, international trade finance, international portfolio investment, multinational cost of capital and capital structure, international capital budgeting and foreign direct investment.

EFN415 Security Analysis and Portfolio Management

Pre-requisites	EFN406
Anti-requisites	EFN429
Equivalents	EFX415
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit focuses on the theories and techniques found in security analysis and investment management. It develops essential theoretical and practice-based knowledge and skills, including research, analysis and technical skills required for project valuation.

EFN416 Treasury and Portfolio Management

Pre-requisites	EFN406
Equivalents	EFX416
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces the student to the treasury environment in which financial institutions operate. The key to the unit is the raising of funds and the management of interest rate risk. This unique hands-on unit allows students to develop these skills by trading in a simulated environment of international economic uncertainty. Students have trading parameters within which they should operate and decisions must be made concerning source of funds, term and duration, interest rate re-set, and risk management with derivatives. Trading will be conducted over a simulated four quarter year.

EFN420 Data Analysis for Financial Managers

Equivalents	EFX420
Credit Points	12
Campus	Gardens Point and

Units

	External
Availabilities	Gardens Point - SEM-1, SEM-2
	External - SEM-1, SEM-2

This unit introduces students to key knowledge and skills necessary, not only in a commercial sense, but also from the perspective of individuals functioning in an increasingly complex and demanding financial environment. Subsequent units will build on and extend the knowledge and skills gained in this unit.

EFN421 Financial Planning and Strategies

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit aims to give students a solid grounding in the world of Financial Planning and Superannuation. This will involve gaining knowledge of financial markets and instruments as well as the appropriate regulatory framework.

EFN422 Economics and Data Analysis

Anti-requisites	EFN405, EFN419, GSN403, GSN411, GSN414, GSN491
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

The aim of the unit is firstly to provide a basic understanding of how market conditions are determined and, in particular, it investigates market forces that drive production and prices in both individual markets and the national economy. Secondly, the aim is to help students to develop a statistical way of thinking to assist with decision-making in the absence of complete information in real world situations.

EFN423 Health Economics: Applications and Policy

Anti-requisites	PUN211
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove

	- SEM-1 External - SEM-1
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This unit provides a strategic overview of economics as applied to the health sector. The unit develops a set of skills with applications to health and financial management decision-making principles and processes. After developing an understanding of basic economic concepts you will learn to apply this knowledge to financial management in Australian and international health care settings. This will include a discussion and analysis of health evaluation. Economics aids in making better informed and logically coherent decisions. The unit will equip emerging health managers with skills and theory to enable them to effectively manage resources and the associated financial implications for their area or department.

EFN424 Equity Trading Floor

Pre-requisites	EFN405 and EFN406
Equivalents	EFX424
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The aim of the unit is to develop students' critical thinking skills and to help them see issues from a range of viewpoints and perspectives. Additionally, the unit aims to develop students' research, reflection and technical skills through the delivery of a large scale academic style portfolio that reflects their transition from theory to strategy and trading and reflection. The unit is NOT designed to be taken as a traditional book learned class. Reading and knowledge is gained from many sources including case studies, books, journals and newspapers.

EFN425 Financial Markets and Institutions

Equivalents	EFX425
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit introduces students to a range of key concepts and ideas in finance, giving students grounding in how financial markets operate and also the ability to

critically apply knowledge and skills to address real world problems and issues arising in financial markets. The unit considers key developments in the rapidly changing financial environment and the role of financial theories and models in this context. Students are introduced to theories, institutions and instruments to better understand how financial markets operate, to consider the stresses on these markets and to address problems and issues that arise. Students will develop and practice critical thinking skills through the practical application of finance knowledge and skills to analyse and address real world financial market events in addition to considering ethical perspectives and behaviours in financial markets.

EFN426 Applied Research in Finance

Pre-requisites	EFN406 and EFN420
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit develops students' technical skills for approaching a research problem from an econometric approach. Students will gain basic skills in the use of regression methods and learn to make determinations as to when and where these methods can appropriately be applied. With reference to a variety of research projects, students will learn how to set up the research problem in terms of the modelling framework, undertake a range of statistical analysis, carry out estimation and inference and make informed conclusions. The knowledge and skills gained in this unit will enable students to work effectively with the variety of data and business problems and will have further application in addressing problems that they encounter in the subsequent units of this course.

EFN427 Behavioural Finance

Equivalents	EFN514, EFX514, EFX427
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

Behavioural Finance has revolutionised our views about how investment and

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finance decisions are made and about market price efficiency and market dynamics. Using insights from psychology and economic theories of decision, this unit looks at the decision making processes of investors and financial firm managers and also the dynamics of financial markets.

EFN428 Behavioural Economics: Developments and Applications

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This unit introduces students to the current concepts and applications of the behavioural economics approach. Students will explore the concepts of (ir)rationality and emotions, heuristics and biases, (dis)honesty and morality, and investigate how evolution shapes behaviour and culture drive human evolution. The roles of norms, peers, history and culture in influencing choice will be examined with a focus on understanding why people cooperate or compete, love or hate, trust or deceive, learn and reason. Students will learn how to apply tools of thought and exploration such as experiments, nudging, simulations and derive a foundational understanding of how to apply these tools in the real world, with the goal of observing or achieving behavioural change.

EFN500 Contemporary Macroeconomic Theory

Other requisites	Unit Coordinator Approval and undergraduate degree with a major in Economics or Finance required to enrol
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces students to contemporary theoretical approaches in the field of macroeconomics and applies these approaches to a range of macroeconomic issues. It places these theories in their historical and philosophical contexts. This will provide

students with a deeper appreciation of macroeconomic policy debates as well as a more complete insight into the macroeconomic problems of inflation, unemployment, inequality, underdevelopment and economic fluctuations.

EFN502 Developments in Microeconomic Theories

Other requisites	Unit Coordinator Approval and undergraduate degree with a major in Economics or Finance required to enrol
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit involves the discussion and analysis of contemporary developments in microeconomic theory, such as game theory and its applications, consumer behaviour, problems of collective action, evolutionary economics, the economics of voting, externalities, public goods, and the market mechanism. It explores refinements in microeconomic theory which have been contemporaneously used in the development of government policies in areas such as the environment, energy, public enterprises and industrial development.

EFN505 Financial Risk Management

Pre-requisites	EFN412 and EFN426
Equivalent	EFX505
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The unit covers the main areas of modern risk management. The focus is on measuring risks in financial institutions. Particular attention is paid to developing understanding of the analytical techniques prescribed by the BIS Accord II. Topics covered include market risk, credit risk and operational risk.

EFN507 Advanced Capital Budgeting

Pre-requisites	EFN412
Equivalent	EFX507

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Topics in this unit include: capital investment analysis, the NPV rule, adjusted present value, replacement decisions, retirement decisions, unequal lives, optimal life, cost of capital, estimating beta, capital rationing, valuation of new issues, mergers and takeovers, analysis of financial and leverage leases, the impact of recent taxation changes on the financing, dividend and investment decisions of the firm, capital budgeting in an international context, access or infrastructure pricing, and real options. The course includes a series of case studies, problems and exercises, which require the student to apply the theory they have learned, to practical situations not covered in normal undergraduate courses. A basic understanding of spreadsheets is assumed.

EFN508 Econometric Methods

Anti-requisites	BSN506
Other requisites	Unit Coordinator Approval and undergraduate degree with a major in Economics or Finance required to enrol
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1 (Block)

This unit provides a comprehensive grounding in the econometric methods necessary for conducting research. Recent contributions to the econometric literature are studied.

EFN509 Policy Economics and Evaluation

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This Economics Honours unit lays emphasis on economic policy and evaluation. The primary purpose of this unit is to focus on the application of microeconomic and macroeconomic principles to informing contemporary commercial, economic and social policy in

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Australia, and the global economy. This unit has a strong focus and will illustrate in a practical manner how economic tools can be used to assess policy issues and to evaluate potential solutions. The unit will complement theory with appropriate tools of analysis (inclusive of both analytical methods and model-based arguments).

EFN511 Finance Theory

Equivalents	EFN504
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides an advanced coverage of the theory of finance, building on work done in undergraduate courses. Topics include: basic utility theory and risk aversion, investment decision, market equilibrium, the capital asset pricing model, arbitrage pricing theory, and multiperiod investment decisions. The unit provides a theoretical basis for further specialisation in this area.

EFN512 Asset Pricing

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides an advanced coverage of the empirical asset pricing literature, building on work done in Finance Theory and Econometric Methods. The unit will provide a broad coverage of key empirical work in a broad range of asset pricing and risk management, with topics including: understanding the distribution of financial returns, testing asset pricing models, stochastic discount factors, momentum, and aspects of financial risk management.

EFN513 Corporate Finance

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This is an advanced unit in Corporate Finance. The primary purpose of this unit is to expose and familiarise students to the major literature and recent developments in corporate finance research. This unit has a strong focus on research and covers a number of major

subject areas in corporate finance, including capital raising, capital structure, payout policy, and corporate governance.

EFN515 Economic and Financial Modelling

Pre-requisites	EFN415
Anti-requisites	AYN419, EFN503
Equivalents	EFN410, EFX410, EFX515
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit introduces students to the modelling techniques which are frequently used in business and financial environments. Modelling is used as an aid to decision-making, as a means of forecasting important variables and as a planning and analysis tool. Various modelling exercises are used to illustrate the use of these modelling techniques in an economic and financial context.

EFN555 Advanced Applications in Finance

Pre-requisites	EFN412 and EFN415
Equivalents	EFX555
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This capstone unit aims to consolidate students' analytical, problem-solving, and decision-making skills to effectively respond to complex and contemporary problems and issues in finance. Real-world case studies are used to connect student learning across the Applied Finance program to facilitate employment-focused teamwork.

EFX201 Financial Markets (Outbound Exchange)

Equivalents	EFB201
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX210 Finance 1 (Outbound Exchange)

Equivalents	EFB210
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX222 Introduction to Applied Econometrics (Outbound Exchange)

Pre-requisites	BSB122 or BSB123 or MAB101 or MAB233 or MXB107
Anti-requisites	EFB101
Equivalents	EFB222
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX223 Economics 2 (Outbound Exchange)

Equivalents	EFB223
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX225 Economics for the Real World (Outbound Exchange)

Pre-requisites	BSB113
Equivalents	EFB225
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX226 Environmental Economics and Policy (Outbound Exchange)

Pre-requisites	BSB113
Equivalents	EFB226, EFB334, EFX334
Credit Points	12

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Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX240 Finance for International Business (Outbound Exchange)

Equivalents	EFB240
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX308 Empirical Finance (Outbound Exchange)

Pre-requisites	EFB307
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX312 International Finance (Outbound Exchange)

Equivalents	EFB312
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX326 Applied Portfolio Management (Outbound Exchange)

Pre-requisites	EFB201
Equivalents	EFB326
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX330 Intermediate Macroeconomics (Outbound Exchange)

Equivalents	EFB330
Credit Points	12

Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX331 Intermediate Microeconomics (Outbound Exchange)

Equivalents	EFB331
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX332 Applied Behavioural Economics (Outbound Exchange)

Equivalents	EFB332
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX333 Applied Econometrics (Outbound Exchange)

Pre-requisites	EFB222
Anti-requisites	EFB200
Equivalents	EFB333
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX335 Investments (Outbound Exchange)

Equivalents	EFB335
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX336 International Economics (Outbound Exchange)

Equivalents	EFB336
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX337 Game Theory and Applications (Outbound Exchange)

Equivalents	EFB337
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX338 Contemporary Application of Economic Theory (Outbound Exchange)

Equivalents	EFB338
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX343 Corporate Finance (Outbound Exchange)

Pre-requisites	EFB210
Anti-requisites	EFB307
Equivalents	EFB343
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX344 Risk Management and Derivatives (Outbound Exchange)

Pre-requisites	EFB201 and EFB210
Equivalents	EFB344
Credit Points	12
Campus	EXCHANGE and External

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Availabilities	External - XCH-1, XCH-2
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EFX360 Finance Capstone (Outbound Exchange)

Pre-requisites	EFB355 and EFB343. EFX335 can be enrolled in the same teaching period as EFX360
Equivalents	EFB360
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX405 Managerial Economics (Outbound Exchange)

Equivalents	EFN405
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX406 Managerial Finance (Outbound Exchange)

Equivalents	EFN406
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX412 Advanced Managerial Finance (Outbound Exchange)

Pre-requisites	EFN406
Equivalents	EFN412
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX414 International Finance (Outbound Exchange)

Equivalents	EFN414
Credit Points	12
Campus	EXCHANGE and External

Availabilities	External - XCH-1, XCH-2
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EFX415 Security Analysis and Portfolio Management (Outbound Exchange)

Pre-requisites	EFN412 and EFN426
Equivalents	EFN415
Credit Points	12
Campus	External
Availabilities	External - XCH-1

EFX416 Treasury and Portfolio Management (Outbound Exchange)

Pre-requisites	EFN406
Equivalents	EFN416
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX420 Data Analysis for Financial Managers (Outbound Exchange)

Equivalents	EFN420
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX424 Equity Trading Floor (Outbound Exchange)

Equivalents	EFN424
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX425 Financial Markets and Institutions (Outbound Exchange)

Equivalents	
Credit Points	12

Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX427 Behavioural Finance (Outbound Exchange)

Equivalents	EFN427, EFN514, EFX514
Credit Points	12
Campus	External
Availabilities	External - XCH-2

EFX505 Financial Risk Management (Outbound Exchange)

Pre-requisites	EFN415
Equivalents	EFN505
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX507 Advanced Capital Budgeting (Outbound Exchange)

Pre-requisites	EFN406 and EFN412
Equivalents	EFN507
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EFX555 Advanced Applications in Finance (Outbound Exchange)

Pre-requisites	EFN412 and EFN415
Equivalents	EFN555
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

EGB100 Engineering Sustainability and Professional Practice

Equivalents	ENB100
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This is an introductory unit for all engineering disciplines. It provides you with a wide appreciation of the engineering profession, its achievements and current and future challenges. It will introduce you to the concept of sustainability and how sustainability impacts current and future engineering ventures. It will also develop your professional skills that will be essential to your functioning as an effective professional engineer both individually and as part of a team.

EGB111 Foundation of Engineering Design

Pre-requisites	EGB100 (can be enrolled in the same teaching period)
Equivalents	ENB150
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Analysis, designing, building, testing and maintaining are the core elements of engineering; Foundations of Engineering Design provides you with fundamental knowledge and skills to design, build and test simple engineering systems through a number of exploratory, hands-on activities, leading to the design and build of a practical engineering system. This unit is the first of a series of engineering design units which form the backbone of the engineering program.

EGB113 Energy in Engineering Systems

Anti-requisites	EGD113,PVB101
Equivalents	ENB130
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Engineers work with numerous kinds of systems where consideration must be given to the energy within the system.

This unit introduces the student to the concepts of energy in the context of real engineering systems. The inter-relationships of between forces, motion and energy (in systems composed of liquids, solids or gases) is described as related to the flow of energy within these engineering systems. After an introduction to engineering units, concepts and data, Newton's first and second laws are used in the description of system motion and the concepts of force and energy, conservation of momentum and conservation of energy are introduced and described. Thermodynamic processes, certain thermo-physical parameters and the first and second law of thermodynamics are introduced and used to describe simple engineering systems. This is then expanded to include the generation and transport of energy through these systems.

EGB120 Foundations of Electrical Engineering

Anti-requisites	EGD120
Equivalents	ENB120
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit introduces you to basic electrical circuit concepts. It requires you to perform circuit analysis, circuit synthesis, and the measurement and testing of relevant quantities within circuits.

EGB121 Engineering Mechanics

Pre-requisites	EGB111 or EGB113 or EGD113 or PVB101. EGB111 can be enrolled in the same teaching period as EGB121
Anti-requisites	EGD121
Equivalent s	ENB110
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This is a foundation engineering unit that will develop the necessary skills in analysing mechanical and civil engineering systems (cranes, buildings, bridges and mechanical equipment) to maintain equilibrium leading to the

determination of direct, bending and shear stresses. This unit forms the foundation for the units in Stress Analysis and Structural Analysis.

EGB123 Civil Engineering Systems

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This is a foundation civil engineering unit that will introduce you to civil engineering systems and thinking through local urban site investigations and large industry project contexts. You will integrate systems thinking and information science with skills in investigation, analysis and synthesis, and written and visual literacy that underpins civil engineering practice. You will develop both independent and collaborative strategies for managing and completing tasks on time in real world contexts taking into account social, economic, environmental and political issues with guidance from academic and industry leaders. This unit provides the foundation for most of your second year units in a major civil engineering study area. It also exposes you to areas of future work and study choice (e.g. Study Area B options).

EGB210 Fundamentals of Mechanical Design

Pre-requisites	EGB111 or ENB150 or EGB113 or EGD113 or PVB101
Equivalents	ENB215
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Mechanical Design forms the backbone of the Mechanical Engineering Degree. It brings together fundamental engineering units such as Applied Mechanics, Mechanics of Solids, Fluid Mechanics and Materials Study and is a common unit for students studying Mechanical Engineering, Medical Engineering and Mechatronics. It will develop systematic knowledge and practice of procedures of design, design for sustainability, universal design, concept development, creative problem solving, basic component design, computational schemas in design, manufacture & materials. It lays the basis for advanced study in Mechanical Design.

EGB211 Dynamics

Pre-requisites	(EGB113 or EGD113 or ENB130 or PCB136 or PCB150 or PVB101) and (MZB126 or EGD126 or MAB126 or MAB180 or MAB131 or equivalencies)
Equivalent s	ENB211
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

In this introductory unit, you are introduced to the concepts of dynamics in the context of real engineering systems. The basic principles for dynamics of particles and rigid bodies in 2D are introduced and discussed as related problems within various engineering systems. A brief introduction to the vibration of the single-degree-of-freedom systems is also included.

EGB213 Energy Systems Fundamentals

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit immerses students in an integrated systems approach to the provision of energy services that are responsive to the global imperative for a transition to a low-carbon society in the 21st century. An Earth System Science (ESS) approach is utilised to develop an understanding of the Earth's systems and the interactions between these systems, energy systems and social, technological and economic systems. The unit incorporates identification, analysis and evaluation of existing, transitional and future energy systems, with a core focus on the optimisation of the integrated system and sub-systems through effective knowledge-driven decision making.

EGB214 Materials and Manufacturing

Pre-requisites	EGB121 or EGD121 or ENB110
Equivalent s	ENB231, ENB331
Credit Points	12
Campus	Gardens Point

Availabilities**Gardens Point**
- SEM-1

Engineers design and make product out of materials using appropriate processing methods with minimum environmental impact and costs. They need to know the interactions and interrelationship between processing, microstructure, properties and performance of various engineering materials in order to utilize new designs and fabrication. This unit introduce the fundamentals of engineering materials and their manufacturability, deformation of materials at the micro-scale and how mechanical properties of materials can be tailored by mechanical processing and heat treatments. This knowledge along with a range of complex deformation and machining processes (including casting, bulk deformation, material removal, mechanics of metal cutting and other non-traditional manufacturing processes) are important to graduate engineers in their design and decisions.

EGB220 Mechatronics Design 1

Pre-requisites	EGB111 or ENB150
Equivalent s	ENB229
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Mechatronics Design 1 is a project unit with a hands-on introduction to mechatronics. You will be introduced to the basic concepts in mechatronics, focusing on the mechanics, electronics, and embedded software principles. The unit focuses on the research, design, and implementation of a mechatronic product to conform to a customer's needs. This is the first in a series of design units specifically for Mechatronics, building on your Introduction to Design unit in first year.

EGB240 Electronic Design

Pre-requisites	(EGB120 or EGD120 or ENB120) and CAB202. CAB202 can be enrolled in the same study period as EGB240
Equivalent s	ENB245
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit is an introduction to applied electronic circuit design. It will provide you with experience and confidence to draw upon theory, literature and CAD tools to synthesise electronic circuit designs to solve real world problems. In this unit you will complete two practical projects (individually and as part of a team) to design, build, evaluate and document simple electronic circuits.

EGB241 Electromagnetics and Machines

Pre-requisites	(EGB120 or EGD120 or ENB120) and (MZB126 or EGD126 or MAB127 or ENB246)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The unit covers static electric and magnetic fields and carries on to time varying fields used in transformers AC and DC machines. The generalised concepts of capacitance and inductance as well as the interaction of fields with materials are developed. It also covers electromagnetic induction, wave propagation, transmission line theory and the basics of the DC machines as well as 3 phase power. It links to work previously developed in EGB120 Foundations in Electrical Engineering, and prepares students for more advanced studies in RF and Power Engineering.

EGB242 Signal Analysis

Pre-requisites	(EGB120 or EGD120 or ENB120) and (MZB126 or EGD126 or MAB127 or ENB246 or equivalencies)
Equivalent s	ENB242
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The unit introduces concepts of signals and systems in the context of electrical and electronic circuits. In particular, the unit introduces frequency domain analysis of signals and systems, and provides the foundation for later units in EGB348 Electronics, EGB342 Telecommunications and Signal Processing, and EGB345 Control and Dynamic Systems. The unit introduces important mathematical concepts and transforms, such as Fourier and Laplace,

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which are used across a large number of electrical engineering units.

EGB243 Aircraft Systems and Flight

Pre-requisites	(EGB113 or EGD113 or PVB101) and (MZB126 or EGD126)
Equivalents	ENB121
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Aircraft systems and flight introduces you to aircraft systems and the principles of flight. Utilising the skills and knowledge you acquired in Introductory Engineering Mathematics and Engineering Computation, this unit introduces the principles of flight through aerodynamics, examines the systems on an aircraft with a particular focus on aircraft avionics, and examines the regulatory and air management environment in which aircraft operate. Your skill and knowledge in this area will be further advanced in the Unmanned Aircraft Systems unit.

EGB261 Unit Operations

Equivalents	CVB221 EGB461
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit fosters a deeper understanding of the unit operations which are the main components in process flow diagrams. You will be introduced to, amongst other concepts, chemical reactor design, distillation theory, absorption processes, ion exchange and adsorption. Complimentary theory regarding mass and heat transfer operations will also be used to ultimately provide a comprehensive overview of chemical processes.

EGB262 Process Principles

Equivalents	CVB220
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces students to the fundamental approach involved when taking a chemical reaction from the

laboratory to full scale industrial implementation. Aspects such as health and safety considerations, environmental issues, quality control, product design, process constraints, economics, mass & heat balance, chemistry and process engineering will be discussed. Examples of how professionals integrate this knowledge into practice will be provided and the design process for improvement illustrated. Students will gain an understanding of how to interact with a multi-disciplinary team to obtain satisfactory technical solutions to a wide range of problems. This introductory (second year) unit prepares you for more advanced study in process modelling.

EGB270 Civil Engineering Materials

Anti-requisites	EGD270
Equivalents	ENB273
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This module starts with an overview of the world of materials and materials selection, followed by an analysis of why and how concrete is used in construction and the fundamental knowledge of soils and structural steels. The constituent materials used in concrete (cement, sustainable cementitious materials, aggregate, and admixtures) are studied with emphasis on their influence on the microstructure of concrete. The focus is then on the fresh properties and mechanical performances, behaviour of concrete under different types of loadings and temperatures, and durability. The module also introduces structural steel and steel corrosions. And it will end up with introduction of soil concepts and materials which will provide a basis for soil mechanics. The module is taught as a series of lectures and embedded informal tutorials. This unit prepares you for the further study in analysis, design, and maintenance of concrete structures. It also equips you with basis for steel structures and soil mechanics.

EGB272 Traffic and Transport Engineering

Pre-requisites	MZB126 or EGD126
Equivalents	ENB376
Credit Points	12
Campus	Gardens Point

Availabilities

Gardens Point
- SEM-1

This is an intermediate civil engineering unit that will develop the necessary theoretical and analytical knowledge of traffic and transport science and engineering analysis. It will develop cognitive skills and applications of investigation, analysis, synthesis and problem solving, written and visual literacy, needed to address complex traffic and transport issues and challenges.

EGB273 Principles of Construction

Equivalents	ENB275
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This is an intermediate level unit that introduces students to the principles of construction, and its tools and techniques necessary for their infrastructure designs to be turned to reality. The student will learn how to combine these tools and techniques and apply them diligently to ensure safety and constructability of designs.

EGB274 Environmentally Sustainable Design

Pre-requisites	EVB201 or EGB111
Equivalents	ENB274
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The knowledge and skills associated with site investigation and planning for sustainable development are essential for civil and environmental engineers, as is the ability to work within multidisciplinary teams to achieve balanced solutions on social, economic and environmental grounds. This sustainable development design project requires you to undertake typical site investigations, analyses and designs for a selected site covering sustainability issues in the following areas: Sustainable Transport, Land Planning including assessment of the surrounding suburbs, Water and Wastewater Management and Environmental Impact Assessment. This unit extends and applies the knowledge

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developed in first year design based engineering units to important issues such as site analysis, site investigation, development of site planning criteria, site planning, environmental management and quality, pollution prevention and control, and resource and waste management.

EGB275 Structural Mechanics

Pre-requisites	EGB121 or EGD121 or ENB110
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

As an engineer, you will need to understand the mechanics of structures through analysis for appropriate design of components and systems such as buildings and bridges. In this unit the principles learnt in the introductory unit of engineering mechanics will be developed to enhance your understanding of the methods of analysis of statically determinate and indeterminate structures and their response to loads. The topics taught include moment distribution, bending moment and shear force diagrams for structures using indeterminate analytical and computer methods, principle of virtual work and its application for deflection calculations, transformation of stresses, Mohr's circle, torsion, shear flow, shear centre, unsymmetrical bending, the principle of compatibility and combined loading of structural members.

EGB313 Energy Optimised Buildings

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Whilst buildings account for 30 - 50% of global energy resources, it is people, rather than buildings per se, that require energy services. This unit incorporates strategies and methods required to optimise the provision of low- and zero-carbon energy services in residential, commercial and industrial buildings.

EGB314 Strength of Materials

Pre-requisites	(EGB121 or EGD121 or ENB110) and (MZB126
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	or EGD126 or equivalencies)
Equivalents	ENB212
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces the analysis of stress and strain in engineering components and systems such as principal stress and maximum shear stresses, stress transformation, thin walled structures, combined loading, yield criteria, and introduces the buckling of columns. This unit is located in second year and builds on your first year work in engineering mechanics.

EGB315 Materials Degradation

Pre-requisites	EGB214 or PVB101
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit will provide an appreciation and understanding of the environmental degradation mechanisms of the primary engineering materials. The chemical and combined mechanical degradation of metals, ceramics and polymers will be studied across a wide range of examples. Practical illustrations and experimentation of materials degradation will be provided. Also an introduction to the importance and methods used to select materials for various applications will also be covered. The unit will cover topics such as corrosion and mechanical failure of metals, polymer degradation, and the combined effect of mechanical stresses and chemical change such as stress corrosion cracking, hydrogen embrittlement and fretting.

EGB316 Design of Machine Elements

Pre-requisites	EGB314 and (EGB210 or ENB215)
Equivalents	ENB316
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

You will learn the fundamental theories of mechanical design analysis, and will apply this in the design and analysis of a variety of machine elements. Methodical

design process is emphasized, as is the application of relevant design standards, and advanced solid modelling software packages. A key focus of the unit is the repeated application of design concepts to real machine components that you interact with each week, to make you comfortable with both mechanical systems as a whole, and the determination, estimation, or selection of open ended quantities within the design process.

EGB319 BioDesign

Pre-requisites	EGB210 or EGB220 or ENB215 or ENB229
Equivalents	ENB319
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit builds on Fundamentals of Mechanical Design to further develop your engineering design skills, with particular emphasis on the role of computer-aided design (CAD), materials selection, manufacturing processes, assembly and maintenance in the design and management of bio-engineering devices. Knowledge of manufacturing processes, fundamentals of engineering design, engineering drawing and engineering materials is assumed. Content includes design for manufacture, materials selection, computer-aided design and solid modelling, rapid prototyping techniques, user interface, and case studies of selected medical devices. This unit provides knowledge required to complete Modelling and Simulation for Medical Engineers, leading to your capstone projects.

EGB320 Mechatronics Design 2

Pre-requisites	EGB220
Equivalents	ENB329
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Mechatronics Design 2 is a project unit with a hands-on application to advanced mechatronics principles. You will focus on the mechanics, electronics, and embedded software principles behind mechatronics. In this unit, you extend your knowledge and skills from Mechatronics Design 1 to the research,

Units

design, and implementation of an advanced mechatronic product to meet a customer's needs. You will further extend your skills and knowledge in mechatronics design in Mechatronics Design 3.

EGB321 Dynamics of Machines

Pre-requisites	EGB211 or ENB211
Equivalents	ENB312
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit focuses on the application of the theory of kinematics and kinetics to the typical components of real world machines. This unit will enable you to analyse displacement, velocity, acceleration and forces in machine components (gears, cams, linkages) including vibrations in multi degree of freedom systems. Mathematical concepts required for this unit will be introduced in the lectures to scaffold the learning of Dynamics of machines. The capability of analysing these are essential to graduates in Mechanical Engineering, to ensure safe operation of the engineering system to improve productivity hence eliminating waste and leading to a sustainable environment.

EGB322 Thermodynamics

Pre-requisites	EGB323 or ENB221
Equivalents	ENB222
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Thermodynamic behaviour of substances; theory and application of the 1st and 2nd laws of thermodynamics; thermodynamic cycles, including gas cycles, vapour power cycles and refrigeration cycles; gas-vapour mixtures and the principles of air-conditioning; fuels and combustion.

EGB323 Fluid Mechanics

Pre-requisites	EGB113 or EGD113 or PVB101 or ENB130
Equivalents	ENB221
Credit Points	12

Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Engineers work with numerous kinds of systems where consideration must be given to the motion within, and interactions between the system and its environment. This unit introduces the student to the concepts of fluid mechanics in the context of real engineering systems. The basic principles and equations of fluid mechanics are presented and discussed as related fluids within various engineering systems. After an introduction to the units and properties of fluids, pressure, hydrostatics and the energy and momentum equations are presented followed by an application of these principals to real fluids in piping systems. A brief introduction to the methods of computational fluid dynamics is presented and this methods utility to the solution of real world problems illustrated.

EGB324 Fundamentals in Numerical Modelling for Engineering

Pre-requisites	MZB126 or EGD126
Anti-requisites	MXB324
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

An essential skill for engineers is the derivation and implementation of computer models for solving the equations that govern many of the physical processes encountered in research and industry. Through the investigation of specific case studies, the derivation of numerical techniques, the implementation of efficient algorithms and the visualisation of the simulation results, you will develop knowledge and skills in the application of numerical modelling for engineering problem solving. This unit is a core unit to the Computer Modelling for Engineering Minor and option unit to the Computational and Simulation Science second major.

EGB336 Lean Manufacturing

Equivalents	ENB336
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Aim of this unit is to develop skills and understanding the concepts and techniques of lean manufacturing (methods engineering). These includes identifying wastes using Value Stream Mapping (VSM), 5S, SMED, JIT, plant layout, cell design with proper material handling and balance and job design with due consideration to ergonomics.

EGB339 Introduction to Robotics

Equivalents	ENB339
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces you to the components, systems and mathematical foundations of robotics. The unit introduces the technologies and methods used in the design and programming of modern intelligent robots, and encourages critical thinking about the use of robotic technologies in various applications. The unit emphasizes the practical application of robotic theory to the design and synthesis of robotic systems that respond accurately and repeatably.

EGB340 Design and Practice

Pre-requisites	EGB240 or ENB245
Equivalents	ENB345
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Detailed design and realisation of typical electronic subsystems used in all areas of electrical and electronic systems engineering. The unit enhances the student's ability in solving complex engineering problems. The design builds on the theoretical knowledge gained in other units. The student is required to write a detailed technical report and also give an oral presentation on her/his design.

EGB341 Energy Supply and Delivery

Pre-requisites	EGB241
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens

Point
- SEM-2

The unit covers the technical aspects of electric energy generation and delivery. The structure of energy conversion and delivery from power stations through transmission and distribution to customers will be addressed, including the concept of electricity markets. Models of transformers, transmission lines, synchronous and induction machines will be studied as key components of electricity network. This subject will lay the foundations for EGH441 Power System Modelling.

EGB342 Telecommunications and Signal Processing

Pre-requisites	EGB242 or ENB242
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Revolutionary developments in the field of Analogue and Digital Telecommunications and Signal Processing Technology have enabled improvement in the characteristics of communication systems in order to meet the performance requirements for transmission of information for private, business and industrial applications. This unit addresses analogue modulation techniques (AM and FM), base-band digital data communication techniques using time and frequency domain analyses. It also covers elements of a Digital Communication Systems and provides students with an in-depth understanding of the theory and applications of digital communication systems and technology.

EGB345 Control and Dynamic Systems

Pre-requisites	EGB242 or (ENB120 and MAB126)
Equivalents	ENB301, ENB348
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit further develops your knowledge, skills and application for control systems. The unit focuses on classical control system modelling and design. It links to the work previously

undertaken in EGB242 Signal Analysis and prepares you for control units at the advanced level.

EGB346 Unmanned Aircraft Systems

Pre-requisites	EGB243 and (MZB126 or EGD126)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces you to unmanned aircraft systems which builds upon your knowledge gained in aircraft systems and flight, and applies it to the field of unmanned aircraft systems. In this unit, you will apply principles of aircraft systems understanding in the context of unmanned aircraft systems, identify and analyse the context and implications of unmanned systems in the airspace environment, and apply a risk based approach to the operation of unmanned aircraft systems. Completion of this unit equips you with the knowledge and skill to undertake advanced unmanned aircraft systems.

EGB348 Electronics

Pre-requisites	EGB242 or ENB242
Equivalents	ENB240
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit focuses on Electronic devices and circuits, which are the building blocks of most electrical and computing devices. It builds on basic electrical circuit theory, and applies frequency domain analysis introduced in EGB242. It forms the foundation for later units in Advanced Electronics and Power Electronics.

EGB349 Systems Engineering and Design Project

Pre-requisites	EGB240 or EGB220
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This intermediate unit further develops

your knowledge, skills and application of design concepts introduced in electronic design. This unit focuses on experimental design. Using a systems engineering approach, this unit aims to replicate industry or government systems engineering practices as closely as possible by providing the opportunity for you to work on an aircraft concept. Working in teams you will start from a basic need and opportunity description, identify customers, formulate a basic business case, establish a basic concept of operations, develop the system requirements, generate concepts, conduct trade studies and determine the most promising aircraft design, and pursue a conceptual design of the systems. This will provide you with the necessary skills, experience and knowledge to undertake the capstone projects.

EGB361 Minerals and Minerals Processing

Pre-requisites	CVB101
Equivalents	ENB361
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The unit will provide an understanding of the principles of physical and chemical mineral processing operations. An emphasis will be placed on: 1) characterisation of ores, 2) ore preparation, 3) physical separations and 4) chemical separations. This unit will use current Australian mining industries to demonstrate the importance and significance of each stage of mineral processing.

EGB362 Operations Management and Process Economics

Pre-requisites	EGB261 or EGB461
Equivalents	ENB260 EGB260
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The unit will cover material that allows the Process Engineer to maximise the profitability of a factory. The Operations Management subsection covers quality management, operational scheduling and

Units

project management systems. The financial implications of decisions are covered in the Process Economics subsection through cost estimation, Discounted Cash Flow analysis and sensitivity analysis as measured against standard financial performance measurements.

EGB363 Safety and Environmental Management

Equivalents	ENB363
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Legislation, regulation and WHS risk management strategies is included. The unit includes hazard identification and risk assessment techniques, and the design of relief systems. The issues, design considerations and preventative strategies for fires and explosions will be covered. The learnings from contemporary disasters, such as Beaconsfield Mine and the Japanese Nuclear Disaster will be covered as Case Studies. This unit covers material related to minimising the impact of a process on the environment in both the planning and operational stages. It contains a mixture of theory and team-centred learning. Specifically the unit includes environmental management principles Environmental Impact Assessment and dispersion modelling techniques for quantifying the environmental impact as well as a team-based case study.

EGB364 Process Modelling

Pre-requisites	(EGB461 or CVB221 or EGB261) and (EGB262 or CVB220)
Equivalents	ENB460 EGH460
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces the theory and steps required for building mass and energy balances for a complex system, i.e. an industrial process. The mass and energy flows of interacting and competing unit operations impact on overall profitability and sustainability. EGB364 covers the mathematical characterisation of key unit operations (theory), numerical modelling (supplementary theory), and then the integration of unit operations into an industrial process (application).

EGB371 Engineering Hydraulics

Pre-requisites	MZB126 or EGD126
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This is an intermediate level unit that provides knowledge on hydraulic principles and its application in engineering. The topics to be covered are: Units and properties of fluids, Forces in static fluids, Buoyancy, Kinematics and continuity, The energy equation and the momentum equation for real fluids, frictional flow in pipes, application of pipe resistance formulae, fitting losses, pump characteristics and selection and pipes network analysis, similitude and dimensional analysis and lift and drag. The knowledge gained in this unit will be further developed in an advanced level unit later in the course.

EGB373 Geotechnical Engineering

Pre-requisites	(EGB121 or EGD121 or ENB110) and EGB123 and (EGB270 or EGD270)
Equivalents	ENB272
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The unit covers the aspects of geotechnical engineering at an intermediate level which includes: how water flows in soil (permeability and seepage), in-situ soil stresses, how the externally applied load distributed in soils, soil deformation, strength of soil, how to design a shallow foundation. It links to the work previously undertaken in Civil Engineering Materials and prepares you for Highways & Pavement Engineering, Advanced Geotechnical Engineering, Applications in CE Design & Construction, and the final semester Capstone project. It also exposes you to the areas of future work and study choice (e.g: Study area B options)

EGB375 Design of Concrete Structures

Pre-requisites	(EGB121 or EGD121 or ENB110) and (EGB270
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	or EGD270 or ENB273)
Equivalents	ENB276
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This is an intermediate civil engineering unit that will develop the knowledge essential for the design of concrete structural elements using part of the information covered in two basic level units: (i) Civil Engineering Materials and (ii) Engineering Mechanics. Design principles of concrete structural elements subject to bending, shear and axial forces will be developed from the fundamental principles of engineering mechanics. Appropriate clauses in concrete structures design standards (AS3600/ AS5100) will be referenced where applicable. The information covered in this unit will be developed further in the Advanced Concrete Design unit later in the course.

EGB376 Steel Design

Pre-requisites	(EGB275 or ENB270) and (EGB270 or EGD270 or ENB273) and (EGB121 or EGD121 or ENB110)
Equivalent s	ENB375
Credit Points	12
Campus	Gardens Point
Availabilitie s	Gardens Point - SEM-2

This is an intermediate level civil engineering unit that will provide in-depth knowledge and understanding about the behaviour, analysis and design of steel structures. It will also provide you the necessary skills and experience in analysing and designing simple steel structures. This unit forms the foundation for a number of advanced civil engineering units in later years of the course.

EGB377 Water and Waste Water Engineering

Pre-requisites	EGB371
Equivalents	ENB377
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

By completion of this unit you will be able to demonstrate that you can: explain the

need for water and wastewater treatment in safeguarding public health; able to identify and explain the main physical, chemical and biological processes for water and wastewater treatment; explain the need and availability of drinking water and discharge standards; able to explain the concept of unit processes in water and wastewater treatment engineering; able to design basic treatment processes; able to develop conceptual treatment plant layouts; and function effectively as a team member to work towards set objectives by managing time and available limited resources, in order to achieve your activity goals.

EGB379 Advanced Transport Engineering

Pre-requisites	EGB272
Equivalents	ENB379
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The aim of this unit is to develop your awareness and understanding of important concepts and analytical tools for designing, planning, economics, and operation of transport systems including public transport systems. The unit focuses on understand characteristics of transit infrastructure in Australia, systems operation and management, and service planning and quality assessment. Students will learn how to apply common techniques to plan, design, and evaluate public transit services. The unit also presents the concepts of advanced traffic engineering including traffic control and systems management, Intelligent Transport Systems, and work zone traffic control for students to gain a basic understanding and appreciation of current and emerging traffic engineering technologies and industry applications of the field.

EGB381 Infrastructure Asset Management

Pre-requisites	EGB123
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces the planning, design, analysis and maintenance of civil infrastructure systems. In particular, the unit will cover asset management concept

and principles, technical aspects of infrastructure management within social, economic, and environmental context, infrastructure management planning and funding, and interdependent nature of various civil infrastructure across different sectors.

EGB382 Construction Methodologies

Pre-requisites	EGB273
Equivalents	ENB381
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit develops your knowledge, skill and application for construction methodologies. Having studying this unit you will identify, develop or modify construction methodologies to deliver infrastructure project. It ensure the solutions are quality, safe and environmentally and community sensitive.

EGB383 Environmental Resource Management

Equivalents	ENB383
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit addresses management of solids and hazardous wastes generated from domestic, commercial, and industrial sources. It includes the following: waste minimisation; promotion of efficient use of resources; promotion the use of waste through recycling and energy production; viewing waste as a resource; reducing the mass, volume and toxicity of the waste; disposing of waste in a socially and environmentally acceptable manner; waste avoidance; recycling; energy production; treatment; disposal. Waste management is an important aspect of civil and environmental engineering education.

EGB384 Bidding, Estimating and Cost Management

Pre-requisites	EGB273 or ENB275
Equivalents	ENB382
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens

Point
- SEM-2

This is an advanced Civil Engineering unit that will: 1. Develop the necessary theoretical and analytical knowledge and practical skill for the preparation of "contractor's estimate" and tender submission for civil engineering projects. 2. Provide an understanding of the use of specification and contracts for estimating. 3. Provide an understanding of the different stages of capital works and the type of estimating process for each stage. 4. Provide introduction to the use of estimates in cost control systems and type of cost estimation is carried by contractors in the preparation of bids. It will also develop cognitive skills and applications of investigation, analysis, synthesis and problem solving, written and visual literacy, needed to be specialised in predicting the cost of construction.

EGB386 Design of Masonry Structures

Pre-requisites	EGB275
Equivalents	ENB384
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This is core unit for study area B (Structural Engineering) that will develop the knowledge essential for the design of masonry structural elements. Design of masonry structural elements subject to bending, shear and axial forces will be developed from the fundamental principles of engineering mechanics. Appropriate clauses in masonry structures design standard (AS3700) will be referenced where applicable. Application of these principles to the design of a medium rise residential or industrial building.

EGB387 Project Value and Innovations

Pre-requisites	EGB382
Equivalents	ENB472
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit covers in detail the project engineer role and tools and techniques they will use in infrastructure planning, Innovation and engineering economics

analysis.

EGB414 Advanced Materials

Pre-requisites	EGB214
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

With a rapidly growing and ageing world population, the need for novel materials with advanced properties to address critical issues from energy to environment and healthcare is increasing. You are introduced to the breadth of advanced materials research and their engineering applications. Selected structural and functional metallic, ceramic and polymer materials, their composites, and nanostructured materials are examined in more depth in the context of their processing, characterisation, performance and applications in robust designs. Where appropriate, relevant engineering cases, research papers that outline the latest developments in research, and laboratory experiments provide an in-depth understanding of the selected material or applications. The processes by which these scientific discoveries can be taken to the commercial world are also discussed. EGB414 is built from knowledge you previously learned in EGB214 Materials and Manufacturing.

EGB415 Motor Racing Vehicle Design

Pre-requisites	EGB316
Equivalents	ENB315
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

After studying Fundamentals of Mechanical Design and Design of Machine Elements, in this unit you will study design of different systems of motor racing vehicles. This will accomplish systematic study of Mechanical Design and will enable you to carry out design of race vehicles and prepare them for a competition. Attention will be paid to styling and ergonomics as well as construction methods used in building race vehicles. The topics covered include: Introduction. Concept development of a race vehicle. Tyre selection. Suspension geometry, components and alignment. Brakes. Race car handling. Engine and engine tuning. Drive train (gearing and

differentials). Frame and body. External and internal aerodynamics of a race vehicle. Driver compartment (fitting and comfort). Testing and preparation for a competition. Safety in motor racing (accident avoidance and driver protection).

EGB422 Energy Management

Pre-requisites	EGB323
Equivalents	ENB422
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Topics covered in this unit include: Global energy and climate issues, the systematic process by which energy use is monitored and analysed; individual treatment of electricity, fuels and their properties, compressed air, buildings, cycle requirements, energy recovery equipment; financial analysis of proposals. Environmental aspects will be considered for each topic.

EGB423 Heating, Ventilation and Air Conditioning

Pre-requisites	EGB323
Equivalents	ENB423
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Heating, Ventilation and Air Conditioning (HVAC) is closely related to human habitation, comfort and productivity. It also consumes considerable amount of energy. With increasing global warming, it is becoming one of the most important engineering systems in modern buildings. This unit will introduce you basic principles of HVAC and refrigeration systems. It will discuss the design factors and practices related to the design and operation of HVAC systems. It will also provide you with other relevant knowledge commonly used in the building services industry. This course should therefore provide you a good basis to undertake further study, research and professional work in this field.

EGB424 Advanced Computational Fluid Dynamics

Pre-requisites	EGB324
Credit Points	12

Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit will provide core knowledge of CFD (Computational Fluid Dynamics) for engineers based on the numerical methods and computational techniques that are incorporated in current CFD software. Commercial codes Ansys-CFX and Fluent will be used to accurately perform CFD simulations and critically analyse practical engineering flow problems. Experimental techniques and measurements will be introduced to validate the numerical simulations.

EGB432 Asset Management and Maintenance

Pre-requisites	EGB316 or ENB316 or EGB319 or ENB319
Equivalents	ENB432
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit includes the following: engineering asset management policy statement; overhaul and replacement of engineering assets; organisation for maintenance; maintenance planning and control; failure mode and effect analysis; reliability, maintainability and availability analysis; risk assessment; spare parts inventory management.

EGB434 Tribology

Pre-requisites	EGB323
Equivalents	ENB434
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Tribology is the study of friction, wear and lubrication. In this unit, the knowledge you acquire is applied to solve problems prevalent in engineering. Topics covered range from the theory of friction, lubricant properties and chemistry, to the control of friction and wear by proper selection of both materials and lubricants.

EGB435 Advanced Manufacturing

Pre-requisites	EGB214
Credit Points	12

Units

Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces the shear deformation mechanisms of engineering material and how these properties can be used to understand the mechanics of metal cutting. Descriptive and analytical information about different material removal processes and material failure mechanisms are provided to you through lectures, tutorials, practical laboratory and case studies. The unit also provides you with an excellent opportunity to apply the knowledge in the design and manufacture of a component.

EGB436 Industrial Automation

Pre-requisites	EGB214
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides students with a basic understanding of PLC programming for control of manufacturing systems with the emphasis on hands on practice of developing a control system for a given process. Topics include the following: Automation requirements, systems design methodology, sensors, actuators, PLC programming.

EGB439 Advanced Robotics

Pre-requisites	EGB339 or ENB339
Equivalents	ENB439
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit extends the robotic concepts introduced in Introduction to Robotics and introduces you to the components, systems and mathematical foundations of mobile robots. The unit introduces the fundamental approaches and techniques which enable modern mobile robots to usefully and safely navigate an environment to perform useful tasks. The unit encourages critical thinking about the use of robotic technologies in various applications, and emphasizes the practical application of robotic theory to the design and synthesis of mobile robotic systems that can understand their environment and plan their actions accordingly.

EGB473 Composite Structures

Pre-requisites	EGB476
Equivalents	ENB473
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This is an advanced structural design unit that provides in-depth knowledge about composite multistorey building design and construction where students will be introduced to the various theoretical and practical issues of composite multistorey building construction in the context of a real building project.

EGB475 Advanced Structural Analysis

Pre-requisites	EGB275
Equivalents	ENB475
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This is a third year unit which will develop advanced knowledge, concepts and methodologies in structural analysis. These will enable the analysis of complex structures, evaluation of collapse mechanisms of structures, dynamic and seismic analysis of structures and introduce the students to structural health monitoring techniques.

EGB476 Advanced Steel Design

Pre-requisites	EGB376
Equivalents	ENB373
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This is an advanced structural design unit that provides the required knowledge and skills for the analysis, design and construction of steel buildings by engaging in a steel building project on a real site.

EGB482 Contracting and Construction Regulations

Pre-requisites	EGB273
Equivalents	ENB277
Credit Points	12

Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

A construction engineer must have an appreciation of the regulated environment in which he/she works. The law and particularly the law relating to construction has a significant impact upon that working environment. This unit will provide a framework and sufficient detail of the law for you to have a significantly increased awareness of how the law governs their and their organisation's actions within the industry.

EGB485 Finite Element Analysis

Pre-requisites	EGB475
Equivalents	ENB474
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This is a final year unit which will develop advanced knowledge and methodology in computer based structural analysis. These will enable the analysis of complex structures under both static and dynamic load the use of vibration data in structural health monitoring.

EGB486 Bridge Engineering

Pre-requisites	EGB375 and EGB376 and EGB475
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Bridge Engineering is an important discipline in Civil Engineering. This unit will help you develop knowledge in bridge engineering integrating what you have learnt in your earlier years on structural analysis and design. You will develop your skills for bridge analysis and design equipping yourselves in pursuing a career as a bridge engineer.

EGB489 Advanced Transport Modelling

Pre-requisites	MZB126
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point

- SEM-1

This unit will develop the necessary theoretical and practical knowledge of transport demand and supply models and simulation techniques. It will develop skills in applying advanced transport modelling techniques at micro and macro levels. The focus will be on strategic models for network planning and traffic flow models for operational analysis and control.

EGD113 Energy in Engineering Systems

Anti-requisites	EGB113, PVB101
Equivalents	ENB130
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

Engineers work with numerous kinds of systems where consideration must be given to the energy within the system. This unit introduces the student to the concepts of energy in the context of real engineering systems. The inter-relationships of between forces, motion and energy (in systems composed of liquids, solids or gases) is described as related to the flow of energy within these engineering systems. After an introduction to engineering units, concepts and data, Newton's first and second laws are used in the description of system motion and the concepts of force and energy, conservation of momentum and conservation of energy are introduced and described. Thermodynamic processes, certain thermo-physical parameters and the first and second law of thermodynamics are introduced and used to describe simple engineering systems. This is then expanded to include the generation and transport of energy through these systems.

EGD120 Foundations of Electrical Engineering

Pre-requisites	EGD113
Anti-requisites	EGB120
Equivalents	ENB120
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

This unit introduces you to the foundations of electrical engineering. It requires you to perform circuit analysis,

circuit synthesis, and the measurement and testing of relevant quantities within electrical circuits.

EGD121 Engineering Mechanics

Anti-requisites	EGB121
Equivalents	ENB101
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP2, 13TP3

This is a foundation mechanical engineering unit that will develop the necessary skills in analysing mechanical and civil engineering systems (cranes, buildings, bridges and mechanical equipment) to maintain equilibrium leading to the determination of direct, bending and shear stresses. This unit forms the foundation for the units in Stress Analysis and Structural Analysis.

EGD125 Introductory Engineering Mathematics

Anti-requisites	MZB125, MAN120
Equivalents	MAB100, MAB120, MAB125, MAB180, MXB100
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

A sound understanding of the language and techniques of mathematics is essential for any quantitative discipline, and so this unit provides an introduction to fundamental mathematical concepts especially applicable to engineering. This unit addresses the need of some students for additional preparation in their transition from high school to university, particularly those who have not studied Queensland Senior Mathematics C or equivalent.

EGD126 Engineering Computation

Anti-requisites	MZB126
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

This unit introduces you to a structured approach to problem solving using

mathematical methods and computational tools. You will develop your skills in this area by taking part in the analysis and eventual solution of a number of discipline-based real world problems, thereby exposing you to issues across more than one discipline. The accumulation of transferable applicable skills, including the use of elementary computational methods as a component of your solution strategies, will enrich your problem solving capability.

EGD270 Civil Engineering Materials

Anti-requisites	EGB270
Equivalents	ENB273
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

Civil engineers often use and specify a vast range of engineering materials for various projects. The choice of materials used in each project will depend on the conditions and performance requirements of the specific component or system with which the engineer will be engaging. Consequently, the knowledge of the basic properties of the more common engineering materials is essential to make appropriate selection and use of these materials.

EGH400 Research Project 1

Pre-requisites	(EGH403 or EGH404) and Completion of 288cp in an Engineering course. EGH404 can be studied in the same teaching period as EGH400-1
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Research Project 1 and 2 are the capstone research informed units for the Bachelor of Engineering (Honours) degree. They draw together the theory and practice of your major engineering studies, covered in the previous six semesters of the program. You are required to identify an Engineering challenge and apply your learning to carry out a comprehensive, independent project to address the challenge using a rigorous research framework. The purpose of these units is to prepare you for your transition to the professional world or to

Units

further research studies.

EGH400 Research Project 2

Pre-requisites	EGH400-1
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Research Project 1 and 2 are the capstone research units for the Bachelor of Engineering (Honours) degree. They draw together the theory and practice of the engineering study area A that have been covered in the previous six semesters of the program. You are required to identify a research related issue or problem and apply your learning to carry out a comprehensive, independent research informed project designed to extend and broaden your understanding of the chosen topic. The purpose of these units is to prepare you for your transition to the professional world or to further research studies.

EGH404 Research in Engineering Practice

Pre-requisites	192 Credit Points of completed study or Admission to EN60
Equivalents	EGH403
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit introduces you to methods, principles and processes that are fundamental to doing good research, and relates them to professional engineering practice. It builds on your understanding of fundamental concepts and language in your engineering discipline and directly prepares you for your final year engineering project, as well as research-based professional engineering practice.

EGH408 Research Project

Pre-requisites	288 Credit Points
Other requisites	Subject Area Coordinator approval is required to enrol. Students must have completed 288 credit points in EN01 prior to seeking approval.
Assumed Knowledge	null
Credit	24

Points	
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This is an accelerated project unit allowing for EN01 students to complete their 24 credit points of final year capstone project in one semester. The Engineering course seeks to enable you to practice as professionals in your respective engineering disciplines. A major part of such practice is the instigation, management, monitoring, and reporting on engineering projects in a research informed manner. This unit offers you experience at running such a project. It draws on all of your technical, academic and professional skills to prepare you for future work as a professional engineer.

EGH411 Industrial Chemistry

Pre-requisites	CVB101
Equivalents	CVB211, PQB623
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit focuses on technologies central to the modern chemical industry such as catalysis and zeolites. Catalysts are used in the manufacture of 90 % of all chemicals produced in the world today. As such, students will be introduced to the basic theories of catalysis and surface science. These theories will then be expanded into industrial practice by discussion of real world industries such as methanol, ammonia, formaldehyde and nitric acid synthesis. The drive towards the implementation of green chemistry will also be shown and the translation of "old chemistry" into modern sustainable processes illustrated.

EGH413 Advanced Dynamics

Pre-requisites	EGB321 or Admission to (EN50 or EN55)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This is a capstone unit that builds on the earlier dynamics units (EGB211, EGB321). The focus of this unit is to extend the 2-D kinematics and kinetics learned in the earlier units to 3-D motion

of rigid bodies and introduce energy methods.

EGH414 Stress Analysis

Pre-requisites	(EGB314 or ENB212) or Admission to (EN55 or EN60)
Equivalents	ENB311
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

As a mechanical engineer, you must have the expertise to analyse components and systems to produce safe effective designs, innovate new products and improve existing devices. To be competent in doing this, you must understand how engineering components respond to loads and the nature and impact of the stresses and strains that are set up in them as a result of loading. Stress analysis is an essential analytical process that is used to ensure that structures are safe for the intended service condition. In its traditional form it combines basic mathematical manipulations and theory of elasticity with engineering design decisions, while in the modern era computational analysis add to your capacity to analyse and design and optimize more complex product. If appropriately done, stress analysis results in light, reliable and robust structures with significant implication for cost saving and durability. This unit is located in third year and builds on your first and second year's work in Engineering Mechanics in EGB121 and Strength of Materials in EGB314.

EGH418 Biomechanics

Pre-requisites	EGB211 or ENB211
Equivalents	ENB318
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Biomedical engineers require the ability to analyse the mechanics of the human body for applications such as prosthetic design, design of assistive devices for people with disabilities, sporting performance, ergonomic tasks, and other health related areas. In this advanced unit, the concepts of dynamics are further developed in the context of biomechanical systems and human movement. Skills for the measurement of human movement

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are developed.

EGH419 Mechatronics Design 3

Pre-requisites	EGB320
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Mechatronics Design 3 is an advanced project unit with a hands-on application to interdisciplinary mechatronics principles. You will focus on the mechanics, electronics and embedded software principles of mechatronics as an interdisciplinary team with individual strengths ranging across these areas. The unit focuses on the research, design, and implementation of an advanced mechatronic product to conform to a customer's needs. This unit extends your knowledge and skills from Mechatronics Design 2 and prepares you for your capstone project.

EGH420 Mechanical Systems Design

Pre-requisites	(EGB316 or ENB316) or Admission to EN55
Equivalents	ENB317
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This is an advanced unit that builds on previous introductory and intermediate design units which forms the backbone of the mechanical engineering major. Design knowledge and skills are brought together and expanded upon to facilitate the design and analysis of systems of increasing complexity and interdependence which also makes them of greater practical value to society. You also will be given the opportunity to consider the broader role mechanical engineers often play in relation to human interaction, quality, safety, ethics and sustainability in design. This unit will synthesise your knowledge and skills for your final year project.

EGH421 Vibration and Control

Pre-requisites	(EGB321 or ENB312) or Admission to (EN55 or EN60)
Equivalents	ENB313
Credit Points	12

Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This is a capstone unit that builds on the earlier dynamics units (EGB321 Dynamics of Machines, EGB211 Dynamics). The focus of this unit is design of control measures for machinery and processes. Dynamic behaviour of a system, its stability, steady state behaviour forms the basis of the control system design using root-locus and frequency response methods. Mathematical concepts will be introduced to scaffold the learning of control concepts.

EGH422 Advanced Thermodynamics

Pre-requisites	(EGB322 or ENB222) or Admission to (EN50, EN55 or EN60)
Equivalents	ENB421
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Applications of heat transfer theory in steam power plant, refrigeration and gas turbines; steady state and transient conduction; convection with internal or external flow; free convection in stationary fluids; boiling and condensation; thermal resistance networks; heat exchangers; radiation heat transfer.

EGH423 Fluids Dynamics

Pre-requisites	(EGB322 or ENB222) or Admission to (EN55 or EN60)
Equivalents	ENB321
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Hydraulic and pneumatic systems; design, analysis and performance of pumps, turbines and fluid couplings; unsteady pipe flow; flow around solid bodies, including potential flow and boundary layers; compressible flow and shock waves.

EGH424 Biofluids

Pre-requisites	EGB323 or ENB221
Equivalents	ENB322
Credit Points	12

Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit focuses the fundamental principles of fluid dynamics that are used to explain the mechanisms of biological flows and their interrelationships with physiological processes, in health and in diseases/disorder. The properties of biofluids, such as blood and synovial fluid, and techniques to analyse their viscous behaviour are discussed. This leads to an understanding of how biofluids interact with medical devices and of criteria for the design of devices.

EGH435 Modelling and Simulation for Medical Engineers

Pre-requisites	EGH414
Equivalents	ENB335
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit further develops your knowledge and skills for analysing biomechanical components and systems. The unit focuses on modelling and simulation techniques applicable to the field using industry standard software. It builds on content introduced in EGH418 Biomechanics and adds quantitative analysis tools to the virtual prototyping and solid modelling developed in EGB319 BioDesign.

EGH438 Biomaterials

Pre-requisites	EGB314
Equivalents	ENB338
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Topics covered in this unit include: an understanding of the relationships between the properties, failure mechanisms, processing and microstructures of various materials used for medical applications and their interaction with human tissues; an understanding of the fundamentals of the use of materials in a medical environment and an understanding of the fundamentals of materials properties and processing; consideration of metallic, ceramic, polymeric implant materials;

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composites as biomaterials; structure-property relationships of biomaterials; tissue response to implants; soft tissue replacements; hard tissue replacements.

EGH441 Power System Modelling

Pre-requisites	EGB341 or Admission to (EN50, EN55 or EN60)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The unit covers the technical aspects related to power system modelling. Electric Energy system consists of various components from generation transmission and distribution. Power system modelling helps to simulate these components appropriately and plan the system operation for reliable distribution of electricity to the customers. This unit includes discussion about industry practices in load flow, fault calculations, protection and planning.

EGH442 RF Techniques and Applications

Pre-requisites	EGB342 or ENB342 or ENB346
Equivalents	ENB440
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit develops skills and knowledge on radio-frequency (RF) devices, components and systems used in wireless communications. The unit focuses on microwave network theory, impedance matching and high-frequency effects for the design of RF circuits and systems, including antennas and antenna arrays. The unit also develops knowledge of antenna measurement procedures, RF system noise figure calculations and measurement, optic fibres and electromagnetic compatibility (EMC). It links to work previously undertaken in EGB241 Electromagnetics and Machines and EGB342 Telecoms and Signal Process .

EGH443 Advanced Telecommunications

Pre-requisites	(EGB342 or ENB342 or ENB346) or Admission to (EN50, EN55 or
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	EN60)
Equivalents	ENB446
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Telecommunication serves as an enabling technology for many industrial applications such as sensor networks, smart grid and remote health services. Relevant concepts include cellular planning, traffic engineering, transmission systems such as cellular networks and optical fibre and error control in communications networks. This unit focuses on various standard and components of advanced communication systems. This unit builds on prior knowledge of telecommunications and signal processing fundamentals.

EGH444 Digital Signals and Image Processing

Pre-requisites	(EGB342 or ENB342 or ENB346) or Admission to (EN50, EN55 or EN60)
Equivalents	ENB448
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The unit covers the area of digital signal and image processing with detailed study of Statistics of multiple random variables, Detection of signals by feature extraction using Fourier, wavelet, Discrete Cosine Transform features, Z-Transform and filter design. The unit also covers digital image processing including image representation and acquisition, Image spatial and frequency domain techniques, Image enhancement and filtering.

EGH445 Modern Control

Pre-requisites	(EGB345 or ENB301 or ENB348) or Admission to (EN50, EN55 or EN60)
Equivalents	ENB458, ENB347
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit further develops your knowledge, skills and application for control systems. The unit focuses on modern and discrete-time control system modelling and design. It links to the work previously undertaken in the EGB345

Control and Dynamic Systems and is a unit at the advanced level.

EGH446 Autonomous Systems

Pre-requisites	EGB345 and (EGB340 or EGB349 or CAB301 or CAB302 or EGB320) or Admission to (EN50, EN55 or EN60)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit presents the principles of modern sensors and navigation approaches for autonomous systems moving in a 2 and 3 dimensional world. It introduces the student to the systems common to most autonomous vehicles with focus on those that deal with perception, path planning and navigation. Specific emphasis is placed upon multisensory navigation and its integration with vehicle guidance.

EGH448 Power Electronics

Pre-requisites	(EGB348 or ENB240) or Admission to (EN50, EN55 or EN60)
Equivalents	ENB455
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Power processing or energy conversion can be considered as one of the major applications of electronics in industrial applications. A broad understanding of basic industrial electronic circuits and systems will provide the foundation not only to design advanced power processing circuits for complex systems but also to operate and maintain them properly. This background will be beneficial for all electrical engineering disciplines. You will learn the basic characteristics of power semiconductor switches and how to modulate, protect and apply them in DC-DC, AC-DC and DC-AC power converter circuits.

EGH449 Advanced Electronics

Pre-requisites	((EGB348 or ENB240) and CAB202) or Admission to (EN50, EN55 or EN60)
Credit Points	12
Campus	Gardens Point

Units

Availabilities	Gardens Point - SEM-2
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This unit builds on EGB348 Electronics, developing theoretical knowledge and application skills including experimental investigation in the areas of precision electronics, low noise electronics, low power electronics, high speed electronics (both analogue and digital), FPGAs, and the interface of analogue and digital electronics.

EGH450 Advanced Unmanned Aircraft Systems

Pre-requisites	(EGB243 and EGB346) or Admission to (EN55 or EN60)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit further develops your knowledge, skills and application of aerospace concepts, building on aircraft systems and flight and unmanned aircraft systems. The unit focuses on experimental design, integration and test of an Unmanned Aerial System. You will also gain skills in setting design specifications and carrying out detailed design analysis to design, build and flight test a UAV.

EGH454 Power Systems Management with Renewable & Storage Resources

Pre-requisites	EGB341
Anti-requisites	ENB454
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The aim of this unit is to develop skills in the operational management of a modern power system incorporating conventional as well as renewables and storage. This unit will therefore introduce the student to the application of conventional sources as well as renewable and storage resources, their operational benefits and difficulties. There are many operational decisions that need to be made in the context of imperfect information that will affect the overall performance of the network. This unit will provide a degree of structure to the decision processes and introduce tools and techniques used during the process. These tools cover the areas of risk analysis, reliability, economic based

panning and power quality extending into the operational areas of utilization of equipment. The outcome is to achieve a balance between capital investment, reliability and the operational aspects of the network.

EGH455 Advanced Systems Design

Pre-requisites	CAB403
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This advanced unit further develops your investigation, analysis, synthesis and problem solving skills when solving complex engineering tasks. The unit focuses on experimental design using a systems engineering approach to work on an engineering concept, starting from a basic need and opportunity description. You work in teams to identify customers, formulate a basic business case, establish a basic concept of operations, develop the system requirements, generate concepts, conduct trade studies, determine the most promising design, and pursue a design and testing and verification of the system. The unit replicates industry or government systems engineering practices as closely as possible.

EGH456 Embedded Systems

Pre-requisites	CAB403 or Admission to (EN50, EN55 or EN60)
Equivalents	ENB350
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This advanced unit gives you practical experience with advanced software development for embedded systems. It leads on from fundamental computer architecture and C programming covered in first and second year units. It covers programming with C and assembly, input/output programming, concurrent software, shared memory, scheduling and real-time aspects. It involves practical laboratory exercises and a group project implementation of a device driver. Embedded systems builds on the knowledge and skill you acquired in systems programming.

EGH462 Process Control

Pre-requisites	EGB364
Equivalents	ENB461
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Control systems engineering is at the heart of most of the modern processes that you will encounter in your careers as practicing engineers. The unit provides theoretical and practical understanding of control systems to enable you to apply and design control engineering technologies. The unit focuses on developing control-oriented process models and developing and tuning controllers (e.g. PID control) as well as familiarizing students with some more advanced control methods. This is an advanced unit, building on prior study in Process Modelling and operations and preparing you for final year research and two-semester capstone project units.

EGH463 Plant and Process Design

Pre-requisites	(EGB322 or ENB222) and (EGB323 or ENB221)
Equivalents	ENB433 EGH360
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

In this unit, you will learn fundamental knowledge of heat transfer, thermodynamics, fluid dynamics and structural design as these are applied to the design of process plant equipment.

EGH471 Advanced Water Engineering

Pre-requisites	EGB371 or ENB280 or ENB378
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This advanced unit covers the fundamental topics of Australian hydrology and hydraulics. It builds on previous study in engineering hydraulics in EGH371. The main topics to be covered are: the hydrologic cycle and its applications in runoff estimations from

small catchments, probability and risk of flooding, selection and determination of design floods, hydrologic data, estimation of peak runoff using the Rational Method, estimation of runoff hydrographs using rainfall-runoff routing models, use of computer modelling tools for runoff estimations, the hydraulic characteristics of culverts and retention basins and the operation of urban drainage systems. This is one of Civil Engineering's work integrated learning (WIL) units, which includes a professional learning task designed with the support of industry professionals.

EGH472 Advanced Highway and Pavement Engineering

Pre-requisites	EGB272 or ENB376
Equivalents	ENB372
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This is an advanced civil engineering unit that will develop your theoretical knowledge of highway and pavement engineering science and engineering analysis, and design methodologies along with computer and informational sciences. It will develop applied skills in investigation, analysis, synthesis and problem solving, written and visual literacy for communication and reporting. It stresses both independent and collaborative strategies for managing and completing tasks on time. It contextualises this civil engineering activity across social, economic, and environmental lenses, and emphasises application of standards and codes of practice in the civil engineering discipline.

EGH473 Advanced Geotechnical Engineering

Pre-requisites	EGB373 or ENB272 or ENB371
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The unit covers geotechnical site investigation and the applications of geotechnical engineering which includes the followings: site investigations and in-situ soil tests, slope stability, retaining walls, trenching & cutting, buried structures, deep foundations, and basic

concepts of rock engineering and their application to stability of rock slopes. Computer simulation and analysis programs are used where appropriate. It links to the work previously undertaken in Geotechnical Engineering and prepares you for Applications in CE Design & Construction, and the final semester Capstone project. It also exposes you to the areas of future work and study choice (e.g: Study area B options).

EGH475 Advanced Concrete Structures

Pre-requisites	EGB375 or ENB276
Equivalents	ENB471
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This is an advanced civil engineering unit that will further build your knowledge on the design of concrete structures. This unit will provide opportunities to develop your skills on conceptualising vertical load and horizontal load resisting concrete structural systems with reference to AS3600 Concrete Structures Design Standard and AS5100 Bridge Design Standard.

EGH479 Advances in Civil Engineering Practice

Pre-requisites	(EGB375 or ENB276) and (EGH472 or ENB372)
Equivalents	ENB476
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This is unit will apply and refine advanced knowledge, concepts, methodologies and systematic thinking to prepare the students to civil engineering practice. It will develop advanced cognitive skills in review, analysis and synthesis in civil infrastructure planning and design contexts, including critical, creative and innovative solutions to complex problems. It stresses the ability to communicate advanced knowledge and concepts in written, modelled and graphical forms to civil engineering professional audiences. It also stresses both independent strategies, and collaborative strategies in team working contexts, including reflective practice, to manage a civil infrastructure planning and design project

in a timely manner with a focus on delivering outcomes. Emphasis is placed on awareness and understanding of social and economic factors in civil engineering practice, and on ethical practice.

ENN510 Engineering Knowledge Management

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Knowledge management is an innovative process that needs to be closely aligned to organisation goals. The development of knowledge management systems requires a sound understanding of the related issues such as knowledge identification, knowledge development, knowledge preservation, knowledge representation and knowledge distribution. All engineering managers must have the fundamental skills and knowledge to understand, design and develop and manage knowledge management systems in an organisation. This unit provides the basic knowledge and skills to understand the complex issues of knowledge management that are essential to the career advancement of engineering managers.

ENN515 Total Quality Management

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Quality Management has evolved beyond its roots in statistics and the quality control functions. Today, many consider Total Quality Management (TQM) it to be a framework for "excellent" management. The dominant themes of TQM are: a data-based approach to problem solving: a strong emphasis on organizational and behavioral considerations: a customer-oriented market- sensitive approach to designing and delivering both products and services: and finally, a desire for continual improvement. TQM practice is a pathway to the achievement of world class competitiveness.

ENN516 Design of Machine Elements

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

In this unit you will learn the fundamental theories of mechanical design analysis, and will apply this in the design and analysis of a variety of machine elements. Methodical design process is emphasized, as is the application of relevant design standards, and advanced solid modelling software packages. A key focus of the unit is in the repeated application of design concepts to real machine components that the students interact with each week, to make the cohort comfortable with both mechanical systems as a whole, and the determination, estimation, or selection of open ended quantities within the design process.

ENN523 Advanced Network Engineering

Anti-requisites	INB352, INN352
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Computer networks have become an integrated part of the fundamental infrastructure in modern industries and societies. Building new networks or upgrading existing networks requires a deep understanding of the concepts and principles of network engineering. Building on previously acquired knowledge and techniques of computer networks, this advanced level unit further introduces students to systems approach, service oriented network planning, performance evaluation, traffic engineering and other advanced topics. Then, it exposes students to the theory and practice of the analysis and planning of local and wide area networks through assembling various network technologies in a cohesive fashion with emphases on the connectivity, scalability, reliability, security, QoS and recent developments of computer networks.

ENN524 Mobile Network Engineering

Anti-requisites	INN353
Credit Points	12

Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Wireless communications, mobile networks and navigation have been widely deployed and integrated into various mobile platforms for value-added services. This unit highlights the recent advances in wireless local area and wide area networks, vehicular networks and Internet of Things with focus on selected standards and network protocols. The unit also provides an overview for satellite navigation systems, wireless positioning technologies and location-based services.

ENN530 Asset and Facility Management

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Professionals are often involved in the management of infrastructure including transportation, water, energy, buildings and telecommunications. In today's business environment, the efficient maintenance and management of these assets and associated risks is critical. The professionals need to know how to manage the whole of life cycle of assets; organise maintenance based on condition and reliability assessments; and create as well as implement effective asset management and maintenance plans so as to meet the business objectives of the organisation.

ENN531 Advanced Materials and Engineering Applications

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Design, material selection and processing play a vital role in developing products and structures. This unit is designed to introduce the recent development of advanced materials and their potential applications. The advances in characterization and simulation techniques will be also covered. The unit teaches the inter-relationships between the microstructure, properties and processing so that the fundamental principle of structure-property relationship and materials selection can be understood. The unit also provides

students an opportunity to apply the knowledge to analyse a typical material problem through project work and use of state-of-the-art material selection software.

ENN533 Advanced Engineering Design and Maintenance

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces advanced methods and tools of engineering design and machinery maintenance such as problem identification, creative problem solving and best concept selection, ensuring machine reliability at the design stage, machinery failure analysis prediction and prevention, design of machinery for special application (e.g. pressure vessels, conveyors, pharmaceutical and food processing equipment), advanced maintenance systems and machine condition monitoring methods.

ENN541 Research Methods for Engineers

Anti-requisites	IFN600, INN700, INN701
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Problem identification, research design and planning, literature search and communications through reports and presentations are essential attributes of engineers in all the disciplines. Practice based research methods applied to solve discipline specific real world problems are skills in demand from professional engineers in contemporary work places. It is also equally important to communicate methods and solutions clearly and effectively in writing and verbally.

ENN543 Data Analytics and Optimisation

Equivalents	ENN542
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

There is a growing need for engineers to understand underlying patterns and

characteristics of vast amount of data collected from various sources by performing advanced data analytics and optimisation to transform data into understandable and actionable information for the purpose of making decisions. This unit develops your knowledge to improve the economy and efficiency of systems, processes, and enterprises through data analytics and optimisation. The unit focuses on application of statistical, and optimisation methods to solve complex problems involving large data sets from multiple sources.

ENN544 Sustainable Practice in Engineering

Equivalents	
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Sustainable development has become a global agenda that impacts on our work and everyday life. Sustainability principles and practices are rapidly becoming embedded in all phases of engineering projects from planning, design, construction and maintenance of buildings and infrastructure, through to mining and manufacturing, energy and water utilities. Engineers need to ensure that their decision making is guided by the fundamental principles of sustainable development. The unit will introduce you to principles, challenges and skills for dealing with a diversity of trans-disciplinary issues in engineering sustainable development. By introducing critical sustainability theory and challenging best practices, this unit will prepare you for the impending changes that are necessary in all built environment and engineering disciplines.

ENN545 Design and Practice

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Detailed design and realisation of typical electronic subsystems is used in all areas of electrical and electronic systems engineering. In this unit you will learn systematic approaches to electrical design and apply these in the design, analysis and evaluation of electrical and electronic devices. Documentation is an important part of the design process and

engineering work. In this unit, you will extend your professional skills to justify your design methodologies and choices, write a detailed technical report and present your design in a range of professional formats to a variety of audiences.

ENN552 Solar Thermal Systems - Heat and Power

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The sun's heat can be harnessed for a wide range of applications to meet various energy service needs. An understanding of solar geometry and the characteristics of various technologies will enable energy professionals to make informed decisions enabling the optimisation of this renewable energy source that is globally available.

ENN570 Enterprise Resource Planning

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Enterprise resource planning (ERP) systems integrate internal and external information across an entire organization, for example, embracing manufacturing, sales and service, customer relationship management, procurement, finance/accounting, maintenance, inventories and interacting with suppliers. The purpose of ERP is to facilitate the flow of information between all business functions inside the boundaries of the organization and manage effective connections to outside stakeholders. ERP activities can be automated by the use of an integrated software application. This unit is designed to equip you with advanced knowledge of various processes that are essential to running manufacturing and service organisations and how ERP integrates these various functions into one complete system to streamline processes and information across the entire organization. The central feature of all ERP systems is a shared database that supports multiple functions used by different business units. In practice, this means that employees in different divisions can rely on the same information for their specific needs.

ENN590 Project 1

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This two-semester capstone project unit provides experience in solving advanced engineering problems in a relevant discipline and the opportunity to apply the knowledge gained throughout the course. Through this project work you will gain experience in project identification, research planning, finding solutions and communications.

ENN590 Project 2

Pre-requisites	ENN590-1
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This two-semester capstone project unit provides experience in solving advanced engineering problems and the opportunity to apply and synthesise the knowledge gained throughout the course. Through this project work you will gain experience in project identification, research planning, finding solutions and communications.

ENN591 Project 2

Pre-requisites	ENN591-1
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This two-semester capstone project unit provides experience in solving advanced engineering management problems and the opportunity to apply the knowledge gained throughout BN87 course. Through this project work, you will gain experience in project identification, research planning, communications and problem solving.

ENN591 Project 1

Pre-requisites	ENN541. May be enrolled in the same teaching period as ENN591-1
Credit Points	12
Campus	Gardens Point

Units

Availabilities	Gardens Point - SEM-1, SEM-2
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This two-semester capstone project unit provides experience in solving advanced engineering management problems and the opportunity to apply the knowledge gained throughout BN87 course. Through this project work, you will gain experience in project identification, research planning, communications and problem solving.

ERB101 Earth Systems

Equivalents	NQB201
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Earth Science impacts every aspect of modern life. Hence, the concepts of Earth Science are fundamental not only to the field of Geology, but also to Environmental Science, natural resource management, civil engineering and society at large. Earth Systems introduces Earth Science, including earth materials, geologic history, geological and physical geography process at the Earth's surface, and the complex interplay between the lithosphere and landscapes. Additionally, the unit provides readily accessible examples of the use of scientific reasoning for understanding complex natural systems. Hence, Earth Systems is a foundation unit for further studies in Geology and Environmental Science, but more importantly, serves as a broad introduction to the very world we live on and to the ways of science in general. Such a background is highly desirable for any informed citizenry for understanding complex issues of resource, environment, and societal development.

ERB102 Evolving Earth

Equivalents	NQB202
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

In ERB102 Evolving Earth you will focus on key events in the history of our planet – the formation of our planet, the concept of geologic time, the origin of the oceans and atmosphere and the evolution of life. You will learn about the connections between the evolution of life and geological processes and events, to appreciate the complexity of life that

exists on Earth today. This provides a fundamental introduction to evolution and geological time, building on the knowledge and skills developed through Semester 1, Imagine Science, and prepares you for more in depth exploration of Earth system connectivity, natural hazards, environmental management and climate change.

ERB201 Destructive Earth: Natural Hazards

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

In ERB201 Destructive Earth, we will focus on the Science of Natural Hazards. By understanding the conditions and processes that lead to, and cause, severity of natural processes such as earthquakes, tsunamis, volcanic eruptions, landslides, cyclones, tornadoes, storms/blizzards, floods, bushfire, and asteroid impacts, you will be better informed as to why there are natural hazards and disasters, and how to prepare and mitigate for future events that will have a range of social, economic and political impacts. We will build on the knowledge and skills developed in Year 1 to provide you with a global perspective of how we, as a society, will continually be confronted by natural hazards.

ERB202 Marine Geoscience

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Oceans make up 70% of the Earth's surface, yet less than 5% of them have been explored. There is therefore still much to learn about the marine environment, marine resources and management. This unit will develop a detailed understanding of oceanography, carbonate geology and reef structures, marine biota and interpretation of depositional processes and products in the shallow through to the deep marine environment.

ERB203 Sedimentary Geology and Stratigraphy

Pre-requisites	ERB101 and ERB102 and ERB202
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Anti-requisites	NQB413
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides you with an introduction to sedimentology and stratigraphy, incorporating sediments and sedimentary rocks and how they relate to depositional environments. The unit focuses on the link between features preserved in sedimentary rocks and what those features tell us about how the rock was emplaced, the environment it was emplaced into and the subsequent burial history of the rocks. Sedimentology and stratigraphy is a fundamental part of the education of any earth scientist, and especially of those who wish to be involved in fossil fuel (i.e., coal, petroleum and gas) exploration, water resource management, and environmental geology, such as geosequestration of carbon dioxide, landscape remediation and soil science, investigation of extreme events (e.g., landslides, tsunami and storm surge) and climate change.

ERB204 Deforming Earth: Fundamentals of Structural Geology

Pre-requisites	ERB101 and (SEB113 or MXB105 or MZB125)
Equivalents	NQB412
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit develops the knowledge and skills required to recognise, classify, describe, record, and interpret deformation structures in rocks, from the scale of millimetres to kilometres. Rock deformation driven by plate tectonics is a fundamental process that shapes the lithosphere of our planet and the complex 3D spatial distribution of rocks within it. It is integral to the study of the solid Earth and touches almost all geological disciplines.

ERB205 Earth Materials

Equivalents	NQB311
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

In ERB205 Earth Materials you will focus on the wide range of minerals and rocks that make up the Earth. The focus of the first half of the unit is on theoretical and practical aspects of minerals and rocks from the scale of atoms to the scale of minerals and rocks. The second half of the unit focusses on theory and practical aspects of minerals in different rock associations (igneous, metamorphic and sedimentary rocks), including use of the petrographic microscope. The group project provides practical opportunities to apply concepts learned through the semester to a real-world problem. You will gain experience operating analytical equipment and analysing and interpreting datasets relevant to mineralogy. This unit provides an introduction to the minerals - the building blocks of rocks - and prepares you for more in depth exploration of geological processes.

ERB206 Petrology

Pre-requisites	ERB205
Equivalents	NQB411
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Petrology is the study of Igneous and metamorphic rocks. These rock types compose the bulk of the Earth. Understanding what these rocks are and how they form is an essential part of the study of geoscience and is fundamental to a wide range of higher level units. This unit focuses on the description, classification and origins of igneous and metamorphic rocks.

ERB301 Chemical Earth

Pre-requisites	ERB101 and ERB102
Equivalents	NQB615
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Earth Science examines the interaction of physical, biological and chemical processes in the fractionation and differentiation of the Earth. Geochemistry is therefore an essential component of understanding the origin of the Earth, its evolution through time and the functioning of systems that are active today. This unit aims to apply and develop your theoretical knowledge and practical skills,

to use and apply a wide range of environmental and geochemical tools available to the modern scientist to address a variety of environmental and geological problems.

ERB302 Applied Geophysics

Pre-requisites	ERB204 and (SEB113 or MXB105 or MAB101 or MAB141 or MAB105)
Equivalents	NQB513
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Applied geophysics provides geoscientists with the tools to investigate the generally inaccessible subsurface. These tools enable us to detect temporal and spatial changes in the physical properties of Earth. Knowledge of material properties such as density, electrical resistivity, magnetisation, elasticity and natural radioactivity is essential for the exploration of minerals, hydrocarbons and groundwater. Beyond exploration geophysical methods are used in disciplines as diverse as plate tectonics, environmental geology, engineering geology, and seismic hazard assessment.

ERB303 Energy Resources and Basin Analysis

Pre-requisites	ERB203 and ERB302
Equivalents	NQB612
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The vast majority of the world's energy is derived from fossil fuels. Advanced concepts of stratigraphy and basin analysis are fundamental for exploration, evaluation, exploitation and conservation of oil, gas, coal and water in sedimentary rocks. Knowledge of subsurface geologic methods using core, well and geophysical data is essential for anyone wishing to enter the petroleum, coal or strata-bound minerals industry. This unit will cover advanced basin analysis concepts and combine project based learning and practical exercises to provide insight into the exploration of petroleum and other natural resources.

ERB304 Dynamic Earth: Plate Tectonics

Pre-requisites	ERB203, ERB204 and ERB302
Equivalents	NQB613
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

How we think about Earth processes and evolution has been revolutionised by the recognition that rigid lithospheric plates forming the outer layer of the Earth move relative to one another and interact at their boundaries. This notion is a cornerstone of the unifying theory of Plate Tectonics. In this unit, you will be introduced to the fundamental physics of the Earth and how it relates to the driving forces of Plate Tectonics. You will become familiar with the igneous, metamorphic and sedimentary responses associated with specific tectonic environments, and how they have evolved through Earth's evolution. This is a synthesis course integrating all knowledge that you have gained from your Earth Science Major units.

ERB305 Geological Field Methods

Pre-requisites	(ERB203 or NQB413) and (ERB204 or NQB412) and (ERB206 or NQB411)
Equivalents	NQB502
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Field experience is an essential part of the professional training of geologists, environmental scientists and natural resource specialists in general. The theory and practice of methods to map, measure and interpret important geological features and characteristics are essential to the study of geology. Methods of mapping, orientation and interpretation are necessary skills for resource assessment, geo-exploration and environmental impact assessment. This unit assumes knowledge of geological principles and methods, namely structural geology and lithology (sedimentary, igneous and metamorphic rocks). It provides professional experiences that is essential for the employability for geology graduates.

ERB306 Earth's Mineral Resources

Pre-requisites	ERB204 and ERB206 and ERB301
Equivalents	NQB512
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Australia's wealth and future economic growth depend largely on its natural resources. A mineral resource represents an enrichment of an element or mineral that can be mined, processed and rehabilitated with financial and social benefit. The natural enrichment of an element or mineral to the levels of a mineral resource requires specific and complex interplay of a variety of geological processes. Thus, mineral resource exploration, delineation and extraction require skilled application of basic geological concepts and an appreciation of social implications.

ERB310 Groundwater Systems

Pre-requisites	ERB101 or EVB312
Equivalents	NQB614
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit focuses on the origin, occurrence and movement of groundwater; aquifer properties; chemistry and quality of groundwater; exploration methods for groundwater; drilling methods and well testing equipment; assessment of groundwater problems, both supply and quality; and introduction to modelling of groundwater systems. Groundwater resources of Australia and current issues associated with these resources are covered.

EUN101 Supporting Innovative Pedagogy with Digital Technologies

Credit Points	6
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - 6TP2 External - 6TP2

This six week unit provides the

foundations for the application of digital technologies in curriculum and pedagogy. It focuses on using digital technologies as a general capability across early childhood, primary and secondary education contexts, while emphasising the importance of ethical use of digital technologies on new and innovative approaches to teaching and learning. General capabilities are common across all three cohorts as part of the Australian Curriculum.

EUN102 Child and Adolescent Development

Credit Points	6
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - 6TP3 External - 6TP3

This six week unit introduces you to biological and environmental influences on child and adolescent development. The unit focuses on theories of child and adolescent development, along with biological sequences for physical, social, emotional, cognitive, and speech and language development, from birth to 18 years of age. Early experiences provide the base for the brain's organisational development and functioning in the adolescent years, and throughout life. The first three years in particular are a time of rapid cognitive, linguistic, social, emotional and motor development. These early foundations shape a child's future development, health and learning achievement at school, in the family and community. All educators need to understand child development from birth through to 18 years of age to be effective.

EUN103 Teaching EAL/D Learners

Credit Points	6
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - 6TP3 External - 6TP3

Teaching English as an additional language/dialect (EAL/D) introduces key concepts and skills that are foundational to understanding, engaging and supporting diverse learners in a range of educational contexts. This six-week unit supports the knowledge and orientations that you explore in other units. It complements curriculum knowledge that

you are learning about through other units studied.

EUN104 Culture Studies: Indigenous Education

Credit Points	6
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - 6TP2 External - 6TP2

This introductory six-week unit begins with an analysis of your own cultural place in the Australian context and moves toward understanding Aboriginal and Torres Strait Islander perspectives on history and contemporary issues in education. You will examine why Aboriginal and Torres Strait Islander children and students have been disadvantaged by the Australian education system. The unit introduces theories in relation to cultural standpoint, decolonisation and race and supports the development of informed approaches for practice in Aboriginal and Torres Strait Islander education.

EUN105 Teaching in New Times

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

'Teaching in New Times' introduces you to the relationship between contemporary practices of education and the new and emerging configurations of culture, society, economy, politics, and technology. You will be challenged to adopt evidence-informed sociological, historical and comparative perspectives to analyse, research, and explore key facets of this relationship, especially in the domain of educational policy. In doing so, you will develop disciplinary knowledge of the field and of the research skills appropriate to it. Your studies in this unit will engage with those in other units being studied at this introductory stage of your course - from digital innovation and theoretical suppositions about learners to Indigeneity and diversity. It will also provide you with an insightful and equitable philosophical foundation for your studies in subsequent semesters, your site-based professional experiences, and your professional practice as a graduate teacher working with children

and youth within diverse communities. This is a research unit as part of AQF-level 9.

EUN106 English, Language and Literacies 1

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit provides foundation understandings, skills and processes for studying English, language and literacies in the Early Years Learning Framework and Primary English Curriculum. In this unit you will engage with current research about how young children learn language, literacies and English disciplinary content, including phonics, spelling, vocabulary, speaking (oral language), listening and reading. You will study theories of language acquisition and literacy learning in order to consider ways of understanding how young children learn to communicate and make meaning. Strategies for assessing these aspects of literacy will also be explored. The unit supports the development of understandings that will be crucial for your future studies of writing, handwriting, grammar, and multimodal design in EUN201 English, Language and Literacies 2. The unit enables you to build informed opinions about important themes and policies related to English, language and literacies, and to practise articulating these opinions professionally.

EUN107 Mathematics and Numeracy 1

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit aims to assist you with developing a holistic understanding of early childhood and primary mathematics and numeracy through exploration of curriculum, assessment, learners' understanding and teacher instruction. From early childhood, mathematical foundations are laid as children engage with early mathematical concepts through play and inquiry about the world around them. In this unit, specific content includes the exploration of number and

measurement and problem solving proficiencies and the role of numeracy in your own lives, in society and educational contexts.

EUN108 Science Curriculum and Pedagogy

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This early childhood and primary science unit will develop your capacity to design and implement engaging learning experiences that support learners' conceptual development. You will enhance your content knowledge, particularly in the areas of biology, chemistry, physics and earth and space science, through your participation in inquiry-based and hands-on learning activities. This will be integrated with pedagogical and curriculum knowledge to enhance your repertoire of instructional approaches, and to develop your pedagogical content knowledge for teaching to all learners.

EUN109 Inclusive Teaching for Diverse Learners

Credit Points	6
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - 5TP8 External - 5TP8

This five-week unit focuses on inclusive practices in early childhood, primary and secondary education contexts. The unit content provides you with opportunities to develop your analytical and problem-solving skills for curriculum planning and teaching diverse learners. The knowledge and skills you develop can be applied during your professional experiences.

EUN110 Teachers as Leaders and Entrepreneurial Thinkers

Credit Points	6
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - 6TP4 (Block) External - 6TP4

As future teachers and educators,

knowledge and insights into leadership, management, administration and entrepreneurship education provide opportunities to understand the function and operation of diverse educational contexts. Understanding of educational leadership and entrepreneurship enables people who work in educational contexts to be well positioned to engage with change, enable organisational growth and advocate for effective forms of professional practice. This six-week unit will aid understanding of legislative, administrative and organisational policies and processes required for teachers and leaders. This unit enables you to engage with leadership and entrepreneurial features of your role in the profession. It links to your previous study of learners and educational contexts to provide an important foundation for your professional identity and your future career as a teacher and leader in education.

EUN120 Curriculum and Pedagogy 1: Foundations

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit will introduce you to principles and practices of curriculum design and implementation in secondary school settings. It will explore the organisation of the Australian Curriculum, taking into consideration not only discipline-specific features but also other aspects of the curriculum that cut across discipline boundaries. The unit will also introduce you to practical aspects of teaching in secondary school classrooms, including the generic plan-teach-assess-reflect cycle, classroom organisation and management strategies, and resources available to inform your teaching practice. Whilst this unit will be taken by students from all teaching areas, opportunities for you to become familiar with the curriculum documents that relate to your chosen teaching areas, especially in Years 7-10, will be provided. The unit provides the opportunity for you to consider broader educational theories in relation to specific learning areas and provides a foundation of curriculum and pedagogical knowledge that will be further developed in later curriculum and pedagogy units offered in the degree.

EUN121 Curriculum and Pedagogy 2: Planning

Pre-requisites	EUN120
Co-requisites	EUN122
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

In conjunction with EUN122 Curriculum and Pedagogy 3: Assessment, this unit will extend upon your foundational knowledge of curriculum and pedagogy developed in EUN120 Curriculum and Pedagogy 1: Foundations. The unit is designed to provide a common thread of readings and learning forums for students in all teaching areas to grasp the key commonalities and differences between various school subjects and their curriculums. There are also weeks that involve studying your first teaching area in depth with a curriculum expert, to allow a focus on discipline-specific traditions and practices. All teaching areas are explored with a view to planning for learning that is engaging, meaningful, and oriented around student inquiry or creativity.

EUN122 Curriculum and Pedagogy 3: Assessment

Pre-requisites	EUN120
Co-requisites	EUN121
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

In conjunction with EUN121 Curriculum and Pedagogy 2: Planning, this unit will extend upon your foundational knowledge of curriculum and pedagogy developed in EUN120 Curriculum and Pedagogy 1: Foundations. This unit will provide you with a theoretically framed opportunity to deeply explore the assessment intentions and subject matter of the junior secondary curriculum (Years 7-10). Through the unit's structured learning activities you will develop knowledge and skill in the design of responsive and valid assessment within associated learning sequences. As you develop your skills in assessment and planning you will consider principles of authentic assessment and Quality Differentiated Teaching practice. This unit will prepare you with suitable curriculum and pedagogical knowledge and skills in

readiness for your first professional experience.

EUN130 Professional Experience: Introduction to Professional Practice

Pre-requisites	EUN101 and (EUN106 or EUN120)
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit engages you with learning frameworks, curriculum documents, policy guidelines to develop theoretical and practical understanding of professional practice. You will explore approaches to working with learners in diverse educational contexts, focusing on positive, collaborative and inclusive learning environments and teaching strategies. This unit will develop your knowledge of practical approaches to manage challenging behaviour and strategies to support young children and students' well-being. You will be introduced to processes and frameworks for critical reflection that support analyses of teaching and learning. Engagement with this unit will contribute to the development of your e-portfolio. This is a research unit as part of AQF-level 9. The unit incorporates a 15 day professional experience. EU30 Early Childhood students will also complete 10 days of Professional Experience in an Early Childhood Setting (Birth - 2) during this unit.

EUN601 Developmental and Educational Assessment

Equivalents	LCN625
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides you with an opportunity for advanced study of principles and methods for assessing individual development and personal characteristics. Underlying this unit is the assumption that the purpose of assessment is to collect information that will be used to design interventions.

EUN602 Interventions in Educational and Developmental Psychology

Equivalents	LCN626
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit aims to equip you with a range of applied strategies for evidence-based prevention and intervention within educational and developmental contexts. Practical skills need to be founded on a deep conceptual understanding of the links between assessment and intervention.

EUN603 Learning Difficulties: Assessment and Intervention

Pre-requisites	EUN601
Equivalents	LCN627
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The aim of the unit is to provide you with a sound knowledge of learning processes, and methods for assessing individuals with learning difficulties. It also introduces students to a variety of appropriate interventions for individuals with learning difficulties and associated impairments.

EUN604 Developmental Processes and Disability

Equivalents	LCN628
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit aims to equip you with a sound framework on which to base their professional practice. Working effectively with individuals with a range of disabilities, their families, schools and communities requires knowledge about the ways in which development may be compromised by disability, and the ways in which contextual influences contribute to developmental outcomes.

EUN631 STEM for 21st Century Learners

Equivalents	CRZ631
Credit Points	6
Campus	Kelvin Grove and

	External
Availabilities	Kelvin Grove - 5TP6
	External - 5TP6

STEM provides a disciplinary context through which learners of all ages, in formal and informal settings, can develop what are often referred to as "21st Century Skills" and which include collaborating and communicating in multi-disciplinary teams, critical and creative thinking, innovation and entrepreneurship, and digital fluency. In turn, the development of these skills supports the development and enhancement of conceptual understanding across the STEM disciplines. This unit, the first in the STEM in Education study area, introduces a conceptual framework for STEM in Education that is common to all units in the study area. This unit will prompt you to critically reflect upon your current STEM education practices and to identify ways you can further support the learning of STEM and the development of 21st Century skills. The unit will connect you with educators who are represent a broad cross section of STEM education contexts and who share an interest in advancing STEM education.

EUN632 Digital Fluency for STEM Learning

Pre-requisites	EUN631
Equivalents	CRZ632
Credit Points	6
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - 5TP8 External - 5TP8

Digital technologies are a pervasive and integral part of most societies. Knowing about digital technologies, being fluent in their use, and knowing how to incorporate digital technologies into your teaching to aid STEM learning and the development of 21st century skills. In this unit, you will explore a range of digital technologies that can be used as tools to support learning in STEM in a variety of education contexts. You will develop your own fluency in using these technologies and will begin to critically consider how you could use these technologies in your STEM teaching, such that your learners are themselves able to fluently use digital technologies as tools for their learning. You will consider how your approach to teaching and learning with digital technologies aligns to the curriculum that

is relevant to your STEM education context. Using technologies for online knowledge sharing will be a significant part of this unit.

EUN633 Thinking in STEM

Pre-requisites	EUN631 can be enrolled in the same teaching period as EUN633
Equivalents	CRZ633
Credit Points	6
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - 5TP6 External - 5TP6

STEM curricula make various references to types of discipline-specific thinking (e.g., mathematical modelling, scientific inquiry, systems thinking, computational thinking, and design thinking), as well as the more general skills of critical and creative thinking, collaboration and communication. In this unit you will develop your understanding of these various types of thinking, their similarities, differences and relationships to one-another, their relevance and development for different ages of STEM learners, and how such thinking can be developed through your STEM education practice.

EUN634 STEM Pedagogies

Pre-requisites	EUN631
Equivalents	CRZ634
Credit Points	6
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - 5TP8 External - 5TP8

Productive work in the STEM fields is often associated with some form of question-posing and problem solving, and authentic STEM learning hinges on learners curiously inquiring into the world around them. Pedagogies have been developed that can be used in STEM education to promote such inquiry-oriented learning, including those that make significant use of digital technologies to support learning. Through such learning approaches, learners not only develop understanding about STEM concepts and propose solutions to problems, but they also authentically develop various higher-order thinking skills. This unit will explore these various

STEM pedagogies, their similarities and differences, and how pedagogy can support transdisciplinary learning in STEM. This exploration of STEM pedagogies will underpin your design of inquiry-oriented tasks for use in your STEM education context and which are aligned to the relevant curricula.

EVB102 Ecosystems and the Environment

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

In EVB102 Ecosystems and the Environment you will focus on broad-scale factors that shape ecological systems to assess ecosystem change and human impacts on the environment. As well as providing an introduction to the science of ecology, this unit further develops foundation knowledge and skills developed through Semester 1, and prepares you for the exploration of global environmental issues.

EVB203 Geospatial Information Science

Pre-requisites	ERB101 or EVB102
Equivalents	UDB181
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit encourages spatial thinking by introducing geographic information sources, presentation and basic spatial data collection skills. It explores real world applications of geographical information technologies including GIS, remote sensing and global positioning system for scientific understanding of the environment. It builds on knowledge and skills from Ecosystems and the Environment (EVB102) or Earth Systems (ERB101) from first year.

EVB210 Geospatial Mapping

Equivalents	UDB381
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit will provide the student with a

Units

sound knowledge and understanding of cartographic communication principles, processes and contemporary presentation methods in a variety of mapping formats applied to Geospatial Information.

EVB211 Geographic Information Systems and Science

Equivalents	UDB281
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides a theoretical and practical introduction into geographic information systems and science that incorporates modern processes of acquisition, manipulation, validation, storage, extraction, analysis, modelling and presentation of spatial information.

EVB221 Remote Sensing of the Environment

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides a theoretical and practical introduction into remote sensing science and technologies applied for the acquisition of information about an object or phenomenon without making physical contact with the object. It explores the use of aerial sensor technologies to detect and classify objects on Earth by processing of electromagnetic radiation emitted from aircraft or satellites.

EVB222 Spatial Analysis and Modelling Practice

Pre-requisites	EVB211
Equivalents	UDB388
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides a theoretical and practical introduction into the current and evolving practice of spatial analysis and spatial data modelling. The unit builds on the theoretical and practical skillset attained by the successful completion of all components of EVB211 Geographic

Information Systems and Science.

EVB302 Environmental Pollution

Pre-requisites	BVB202 or MZB126
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit deals with major problems of pollution of water, the land surface and the atmosphere. It covers processes responsible for the occurrence and release of pollutants in the environment, dispersion mechanisms, the hazards associated with different types of pollutant, accumulation of toxic substances, and procedures for the reduction of emissions and remediation of contaminated environments. It applies your learning from the Quantitative Skills in Environmental Science unit, EVB202 to assess and report on environmental pollution.

EVB304 Case Studies in Environmental Science

Pre-requisites	BVB202 and EVB302 and (EVB212 or EVB312 or BVB311)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This Capstone unit requires you to think critically about an important problem in environmental science and to integrate the knowledge gained through earlier units to provide an effective solution. You will evaluate a case study, applying your knowledge of quantitative techniques and experimental design, to address a specific environmental problem and present a practical solution. Through critical analysis and reflection on your work and that of your peers, you will gain a deeper understanding of the scientific method and its application to environmental science.

EVB312 Soils and the Environment

Pre-requisites	ERB101
Anti-requisites	EVB212
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens

Point
- SEM-1

This unit will provide you with grounding in soil science and its application to environmental soil analysis and management, the importance of soil for ecosystem function in a changing environment, and the critical role of soils in the context of climate change. The unit links biological, ecological and geological systems and contributes to your understanding of the complexity of environmental systems in general.

EZB210 Earth and Space Sciences

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit will build on foundation material in the general chemistry unit, and combine the principles of physics and geology to develop an understanding of the structure, composition and origins of our planet, and the universe. You will examine properties of light; determination of physical properties of stars; nebulae; stellar spectra and classification; historical models of the solar system; Kepler's law, gravitation; physical geology of the planets and formation of the solar system; phenomena of astronomical origin; brief introduction to stars and galaxies.

GSN403 Data Analysis and Decision Making

Pre-requisites	GSN405
Equivalents	GSZ403
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP1, 6TP4

Business Leaders and managers work in complex business environments, in the era of Big Data, where mind-boggling volumes data and information is generated daily on just about every aspect of the business and the economy. The Data Analysis and Decision Making unit provides students with the opportunity to learn how to make effective business decisions based on the application of a number of standard data analysis techniques to real world business problems. This unit provides students with the opportunity to integrate and draw upon their disciplinary knowledge in analysing data and making decisions.

GSN404 Accounting for Decision Making

Anti-requisites	GSN202
Equivalents	GSZ404
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP3, 6TP6

This unit provides students with the opportunity to develop an understanding of accounting techniques that are useful for managerial decision making. Essentially this unit concentrates on two key areas of particular importance to business managers and leaders: budgeting and cost control accounting and the analysis and interpretation of financial statements. Through the study of this unit, students will be in a better position to make informed predictions, recommendations and decisions about future directions and actions that are needed to ensure the financial stability of a particular organisation.

GSN405 Strategic Management

Anti-requisites	GSZ602
Equivalents	GSZ405
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP2, 6TP5

Strategy is the process of determining goals and moving towards the achievement of those goals in a business, government, or not-for-profit setting. The Strategic Management unit introduces the concept of strategy and explores the basic tenets of the strategy process, competitive advantage, and strategic management in a changing global environment. It lays the foundations for students in terms of understanding contemporary thinking in the strategy field.

GSN406 Contemporary Human Resource Management Issues

Equivalents	GSZ406
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP3, 6TP6

There is increasing recognition internationally of the critical contribution of effective people management in obtaining and sustaining a strategic advantage in

an increasingly globally competitive business environment. This unit provides students with the opportunity to examine the challenges faced by managers and leaders in achieving effective human resource management in the complex business environments of today and tomorrow. The unit adopts an issues-based approach, designed to build awareness of the human resource management issues and build contextually specific solutions to those issues in diverse industry contexts.

GSN407 Communicating to Influence

Anti-requisites	GSZ603
Equivalents	GSZ407
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP2, 6TP3, 6TP6

Specialised knowledge alone is no longer enough to guarantee success in business; you must be able to effectively communicate this knowledge with a variety of audiences, in a variety of situations and using a range of communication technologies. This unit provides students the opportunity to develop highly effective and persuasive oral, written and technology enabled communication skills. The unit encourages students to develop an understanding of their audience, sensitivity to language use and to demonstrate the value and power of language as a means of persuasion in managerial and leadership contexts.

GSN408 Marketing Strategically

Equivalents	GSZ408
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP2, 6TP5

The Fundamentals of Marketing Management unit provides students with the opportunity to critically examine and evaluate the role of marketing and its contribution to the strategic processes of organisations operating in increasingly complex and highly competitive global business environments. A study of key marketing decisions made by real world organisations are examined including the marketing concept, the marketing mix, marketing information systems, marketing research, market segmentation, targeting and positioning, and the process of

marketing planning, implementation and control.

GSN409 Understanding and Leading Others

Pre-requisites	GSN497
Anti-requisites	MGN412, BSN202
Equivalents	GSZ409
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP3, 6TP6

The Understanding and Leading Others unit will help students to be able to identify, assess and understand the factors that influence the thoughts, feelings, motivations and actions of individuals in the workplace. Students will then have the opportunity to apply these insights into human behaviour within organisations to determine the most effective strategies and courses of action for maximising the potential of individuals and to lead and build high performing face-to-face and virtual teams.

GSN410 Entrepreneurship

Anti-requisites	MGN428
Equivalents	GSZ410
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP1, 6TP4

The Entrepreneurship unit introduces students to the field of entrepreneurship and the management of innovation. Through the study of this unit, students will be able to develop an understanding of entrepreneurial attitudes, abilities, behaviours and culture and explore a range of issues related to opportunity recognition, viability screening for sustainable competitive advantage, risk recognition and mitigation, intellectual property protection and developing a business model for a new enterprise.

GSN412 Business Law

Anti-requisites	AYN410, EFN413
Equivalents	GSZ412
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP3, 6TP6

GSN413 Financial Management

Pre-requisites	GSN403
Anti-requisites	EFN406
Equivalents	GSZ413
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP2, 6TP5

It is essential for business leaders and managers who must make financial decisions, to have a fundamental understanding of the operation of financial markets and how these markets impinge on the operation of their organisation. They must know how to properly value cash flows and other assets, and understand the fundamentals of asset diversification, risk and return, and the cost of capital. This unit introduces students to the national and international financial environments in which they operate from a personal and business perspective. The unit explores the three major lessons in finance: time value, diversification and arbitrage.

GSN415 Understanding Leadership and Complexity

Pre-requisites	GSN409
Equivalents	GSZ415
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP3, 6TP5

In a complex society in which changes are occurring with increasing speed and frequency, leadership has never had greater significance, nor has it been more challenging. Leaders arise in many different contexts and they lead others through change processes to do different things, in different ways. Given the great need around the world to find new ways of doing business there has never been a time when the development of leadership skills was more important. In this unit we will explore the various ways of defining and understanding leadership. The focus of this unit will be to build on your growing self-awareness and improve your capacity to understand, communicate and influence the people you will lead in your own complex business environment. This unit is positioned towards the end of the program to build upon and extend your knowledge of leadership that you have already gained in the earlier leadership units GSN497 Personal Leadership Development and Change and GSN409 Understanding and Leading Others. This

unit will complete the triad of awareness (self, others and wider world) that leaders require to analyse, innovate and lead effective organisations.

GSN428 International Study Tour

Equivalents	GSZ428, GSZ429
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP2 (Block), 6TP3 (Block)

GSN444 Special Topic 1

Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP1, 6TP2, 6TP3, 6TP4, 6TP5, 6TP6

Please contact the Graduate School of Business for more information.

GSN445 Special Topic 2

Equivalents	GSZ445
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP1, 6TP2, 6TP3, 6TP4, 6TP5, 6TP6

This unit is offered to temporarily 'house' subject matter that is not routinely offered by the Graduate School of Business, but which is offered when specific subject matter is considered especially timely and/or in a semester when a visiting or adjunct professor is available with expertise that is not normally resident in the QUT Business School.

GSN455 Special Topic 3

Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP1, 6TP2, 6TP3, 6TP4, 6TP5, 6TP6

Like GSN444 this unit is offered to temporarily 'house' subject matter that is not routinely offered by the Graduate School of Business. This unit is offered to students who have already taken GSN444 and GSN445 and who wish to take an additional 'Special Topic' unit in the same award program.

GSN464 Systems Thinking for Managers

Equivalents	GSZ464, GSN502, GSZ502
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP2

Leaders and managers of organisations deal with complex problems whose resolution requires holistic approaches, sophisticated thinking and pluralist methodologies. Systems Thinking is an approach that has been successfully used by business managers and leaders to engage with and manage complex and often ambiguous business problems. This unit provides students with foundational knowledge related to systems methodologies and their underpinning epistemologies that enable business leaders and managers to solve and manage the complex, multi-faceted business problems of today and tomorrow.

GSN468 Problem Framing for Creative Action

Equivalents	GSN504, GSN526, GSZ468, GSZ526, GSZ556
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP2, 6TP4, 6TP6

Simple problem solving approaches are no longer sufficient to solve and manage the complex and multi-faceted business problems of today and tomorrow. Instead, managers need to be skilled in new approaches such as problem reframing, creative problem solving, lateral, analogical and design thinking that support creative and innovative approaches for dealing with complex business challenges. This unit enables students to explore contemporary and creative approaches to problem framing and problem solving in complex business environments both at the individual and group level. Students will also have the opportunity to investigate how to create workplace environments that encourage and foster creativity and innovation.

GSN473 Corporate Governance and Accountability

Pre-requisites	GSN404 and GSN409 and GSN412 and GSN491
Equivalent	GSZ473
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP1, 6TP4

Boards of directors and managers of organisations are now legally as well as morally accountable for policies, processes, and outcomes to an increasingly vocal set of stakeholders. This unit introduces students to the principles underlying good corporate accountability and governance and examines the roles of the board and management in implementing and monitoring a sound corporate culture, proactively identifying and dealing with risk, and safeguarding the company's assets and its place in our society and economy. Comparative models of governance are also discussed drawing on examples from many cultures and jurisdictions, as well as large and small businesses.

GSN481 Philanthropic and Nonprofit Frameworks of Governance

Anti-requisites	GSN472, GSN229
Credit Points	6
Campus	Gardens Point and External
Availabilities	Gardens Point - 6TP2 External - 6TP2

The unit explores contemporary understandings of philanthropic and nonprofit governance in the context of social, economic and political systems. It locates these understandings in various theoretical and descriptive frameworks providing students with both the knowledge and analytical skills that are necessary to reflect critically on philanthropy and nonprofit governance systems and their environments.

GSN483 Ethics for Philanthropic and Nonprofit Organisations

Anti-requisites	AMN480, GSN230
Credit Points	6

Campus	Gardens Point and External
Availabilities	Gardens Point - 6TP3 External - 6TP3

This course introduces students to ethical theories and constructs with a focus on producing effective personal and professional resolutions to ethical dilemmas specifically associated with Philanthropic and NonProfit (PANFP) organisations. The unit recognises the distinctive mission and character of PANFP organisations, while seeking to provide an understanding of integrity and response-ability.

GSN484 Management for Philanthropic and Nonprofit Organisations

Anti-requisites	AMN480, GSN230
Credit Points	6
Campus	Gardens Point and External
Availabilities	Gardens Point - 6TP2 External - 6TP2

In the context of the multiple management challenges facing non-profit and philanthropic entities, this unit provides students with an introduction to contemporary thinking and practice in the effective and efficient management of organisations. While the focus is on non-profit management, wider management and organisational theory will be drawn on in order that proactive responses to situations, problems and dilemmas facing non-profit organisations can be developed by students.

GSN485 Legal Issues for Philanthropic and Nonprofit Organisations

Anti-requisites	GSN231
Credit Points	6
Campus	Gardens Point and External
Availabilities	Gardens Point - 6TP4 External - 6TP4

The unit introduces students to critical issues of philanthropic and nonprofit law and taxation. The unit examines the regulatory, taxation and governance framework of nonprofit organisations and philanthropic transactions in Australian

Federal and State jurisdictions.

GSN486 Accounting and Finance Issues for Philanthropic and Nonprofit Organisations

Anti-requisites	GSN231
Credit Points	6
Campus	Gardens Point and External
Availabilities	Gardens Point - 6TP5 External - 6TP5

This unit provides an overview of the accountability of nonprofit organisations, particularly via their annual and financial reports. The unit begins with an overview of the notion of accountability and the importance of financial literacy in order to interpret annual and financial reports. These documents need to be 'decision useful' when communicating with a variety of organisational stakeholders. The unit then builds an understanding of how to read the various financial statements that comprise a financial report. The importance of the Australian financial reporting framework, various standards, financial ratios, are examined in order to inform accurate interpretation of financial reports. Finally various ways of financing nonprofit organisations, are considered.

GSN487 Introduction to Social Enterprise

Anti-requisites	AMN482
Credit Points	6
Campus	Gardens Point and External
Availabilities	Gardens Point - 6TP3 External - 6TP3

There has been a significant increase in interest in social enterprises in many OECD countries recently. The nonprofit sector continues to mature and expand with the establishment of more sophisticated social enterprise programs, as organisations explore innovative approaches to achieving mission. This interest is driven partly by significant reductions in the traditional sources of revenue for nonprofits, together with increasingly sophisticated competition and dramatic changes in expectations from clients and stakeholder groups. These shifting expectations create demand for more strategic approaches to developing business models, the need for

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improved business planning, and allowing for more collaborative and hybrid business practices. The unit offers a background to social enterprise and 'hands-on' experience in social business planning.

GSN488 Fundraising Development Principles

Anti-requisites	GSN232, MIN409, AMN481
Credit Points	6
Campus	Gardens Point and External
Availabilities	Gardens Point - 6TP4 External - 6TP4

This unit considers the broad factors that influence fundraising/development success. It applies theories of marketing, public relations and management to fundraising and development and builds an understanding of the philanthropic environment and donor perspectives. It re-examines the principles of fundraising/development, institutional readiness, case preparation, leadership, constituencies and fundraising markets to build understanding of the context in which good, ethical development practice occurs.

GSN489 Fundraising Development Techniques

Pre-requisites	GSN488
Anti-requisites	GSN232, MIN409, AMN481
Credit Points	6
Campus	Gardens Point and External
Availabilities	Gardens Point - 6TP5 External - 6TP5

This unit builds on GSN488 to delve into particular techniques of resource mobilisation in nonprofit organisations. It considers a range of income generation vehicles and techniques including capital and major gifts, special events, bequests, direct mail, telemarketing, e-fundraising, donor circles and the art of building donor relationships. It also examines evaluation of fundraising programs.

GSN490 Managing Technological Innovation

Pre-requisites	GSN405 and GSN410
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Equivalents	GSZ490
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP2, 6TP5

The management of technological innovation is a strategic process that supports, drives and influences the strategic management of the firm. The Managing Technological Innovation unit explores the dynamics of technological innovation, how to identify trends within their technological and competitive environments and use these insights to craft an innovation strategy and importantly strategies for operationalizing the innovation.

GSN491 Economics in Business

Anti-requisites	EFN405, GSN411, GSN414
Equivalents	GSZ491
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP1, 6TP4

For business leaders and managers to operate in the volatile global business environment of today, it is important for them to have a fundamental understanding of both macro and micro economics to guide their business decision making. This unit introduces students to an analytical framework that is needed to understand how market conditions are determined at both the micro and macro levels and how market conditions affect business performance, including issues such as supply and demand, market structures and how they impact pricing strategies and decisions of individual firms, structure of the economy as well as some exploration of international trade.

GSN497 Personal Leadership and Change

Equivalents	GSN503,GSZ497 ,GSZ503,GSZ554
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP1, 6TP3, 6TP5

It is widely recognised that self-awareness provides a foundation for understanding ourselves as leaders and is a key attribute that characterises truly

great leaders. This unit explores personal leadership in the context of cultural understanding and ethics and how students' interactions with others impact on their effectiveness as leaders in a complex business environment. This unit provides students with the opportunity to look inwardly to gain a deeper understanding of themselves and to benchmark where they are currently as a leader. Students are encouraged to identify opportunities for growth and development through the development of a leadership development plan that will be revisited in GSN415 Leadership and Complexity.

GSN498 Investment Strategies for Technology

Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP2

Organisations are spending an estimated 25 - 45% capital expenditure on Information and Communications Technologies (ICT) related investments and between 2 - 10% of operating expenditure on running their ICT portfolios. Business leaders struggle to keep abreast and be responsive to the latest technological developments and the impact of disruptive technologies on their business. This unit introduces students to ICT governance and an understanding of the inter-relationships between business strategy and business-IT alignment. It also provides students with some strategies for investigating and evaluating the impact of some current disruptive technologies that have the potential to radically change the process of business and business models.

GSN541 Smart Decision Making: Beyond Digital and Big Data

Pre-requisites	GSN405
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP6 (Block)

The aim of this unit is to provide students with the skills to determine the utility and value of creating, managing and interrogating large-scale datasets for strategic decision making. The unit takes a holistic view of the potential opportunities, challenges and implications

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of undertaking a data-led approach to strategic decision making with a particular focus on the business model, ethical and governance implications of adopting such an approach.

GSN551 Negotiation Skills and Strategies

Equivalents	GSZ551
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP4

Negotiation is an important part of everyday management, and effective negotiation skills are indispensable for successful managers operating in a globalised and complex business environment. The Negotiation Skills and Strategies unit introduces students to a conceptual framework for analysing the business negotiation process. The exploration of negotiation practices in different contexts better prepares students for negotiation in the increasingly globalised business environment.

GSN558 Stakeholder Engagement and Media Principles

Equivalents	GSZ558, GSZ555, GSN496, GSN523, GSZ523
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP1, 6TP5

In this globally connected world it has never been so important for organisations to effectively manage their public reputation portrayed in both traditional and social media. The Stakeholder Engagement and Media Principles unit develops students understanding of the role of stakeholder engagement, the importance of stakeholder analysis and the role media plays in influencing organisational issues.

GSN559 Improving Business Operations

Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point

- 6TP4

The use of a Business Process Improvement (BPI) approach is recognised as being effective for improving business operations. The Improving Business Operations unit introduces students to the Business Process Improvement process including the tools, and phases of business process re-engineering. The unit is designed to stimulate strategic thinking and analysis by applying business process re-engineering theory in a real world context.

GSN560 Advanced Strategy for Global Business

Pre-requisites	GSN405 or GSZ405
Equivalents	GSZ560
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP3, 6TP6

Business leaders today need to be multi-disciplinary strategic thinkers, who have foresight and an ability to take a big-picture, long term view of an organisation. Additionally, the ability to make decisions, often with incomplete information, and to determine appropriate strategic responses to complex, global business problems and opportunities is seen as the key determinant of positive business outcomes and the longevity of organisations. The Advanced Strategy for Global Business unit helps students to develop a sophisticated knowledge and application of strategic analysis techniques and approaches including the dynamics of inter-firm dependencies, the nature of complex-adaptive systems, an understanding of the pivotal role of data in the strategy process and the limitations of theoretical models.

GSN590 Integrated Workplace Project

Equivalents	GSZ572, GSN570, GSN571
Other requisites	84 credit points of core MBA units as approved by the MBA Director including GSN405
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - 6TP2, 6TP5, 6TP6

The Integrated Workplace Project is the capstone unit in the MBA program. This 12cp unit is designed to enable students to draw together and integrate the learnings from the MBA program and apply their learning to a live workplace project. Students will be required to identify, scope and investigate a real world workplace problem or opportunity for a specific organisation, including conducting applied business research in relation to the issue. Additionally students will be required to make a series of informed recommendations for addressing the problem or opportunity and deliver these recommendations through a comprehensive written report and a persuasive pitch to the Executive Sponsor from the organisation.

GSN621 Grounding Theory and Practice

Anti-requisites	BSN201, MGN441, MGN442
Equivalents	GSZ621
Credit Points	12
Campus	Online and Gardens Point
Availabilities	Online - 12TP2, 6TP4

This unit lays the foundational theories and practices of 'leadership through coaching and mentoring', and sets up the program. It provides the rationale for coaching and mentoring in complex leadership contexts. It also provides core frameworks for coaching conversational practices. Subsequent units expand from the individual to the group and to the organisation, with each providing a different frame for extending and exploring the theories and practices. The unit sets the scene for learning-by-doing through cycles of reflective practice and embeds a multi-level systems perspective of leadership development and organisational life. Each module contains one or more core theories and students use conversational models to apply theories to their organisational contexts.

GSN622 Linking Leadership and Complexity of Mind

Pre-requisites	GSN621 or GSZ621
Anti-requisites	BSN201, MGN441, MGN442
Equivalents	GSZ622

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Credit Points	12
Campus	Online and Gardens Point
Availabilities	Online - 12TP3, 6TP6

This unit works through a framework for leadership that highlights the benefit of activating creative leadership competencies balanced across task and relationship, and the criticality of leaders, coaches and mentors working at and facilitating others towards higher levels of cognitive complexity. The lens is primarily one of the individual, while at the same time considering groups and organisational perspectives (explored as primary lenses in the next two units). Each student undertakes a 360 degree feedback process and explores their own competencies as they apply to the conduct of coaching and mentoring practices. This unit also explores the science of coaching and mentoring through the lens of positive psychology (incorporating knowledge from neuroscience) and complexity leadership.

GSN623 Groups, Cultures and the Collective

Pre-requisites	GSN621 or GSZ621
Equivalents	GSZ623
Credit Points	12
Campus	Online and Gardens Point
Availabilities	Online - 12TP1, 12TP3

This unit moves from the lens of the individual to the group and collective. Coaching and mentoring are traditionally viewed as 1-1 conversational practices. However, organisations are made up of teams of people and group and team coaching are increasingly being used as powerful interventions to support organisational change and to work across organisational silos. This unit explores how team and group dynamics work and how coaching and mentoring can be leveraged by leaders to generate change at the team level, and at the level of the organisational system. The unit also draws together knowledge about cultural differences, intercultural effectiveness and systems thinking to provide principles for using coaching approaches for leveraging advantage in diverse and messy contexts, and positions students to consider the organisational lens.

GSN624 Influencing Organisational Systems and Strategies

Pre-requisites	GSN621 or GSZ621
Equivalents	GSZ624
Credit Points	12
Campus	Online
Availabilities	Online - 12TP2

This final capstone unit sharpens the organisational lens, while at the same time keeping the individual and the group in mind. The unit extends the group and cultural lenses from the previous unit to focus on opportunities from examining leadership through coaching and mentoring at the strategic and systematic level. The unit challenges assumptions that strategy is only a top-down activity and examines the way in which strategy can be an emergent process through the engagement of organisational systems - primarily through conversational practices. The emphasis in this unit is on 'real world' application and it is largely project-based, primarily through the attention to the final design and delivery of the High Impact Project. The unit looks back, to integrate what has been learned from previous units, and forward to how the Project will make a difference in the organisation in the future.

GSZ403 Data Analysis and Decision Making

Pre-requisites	GSZ405
Anti-requisites	EFN409
Equivalents	GSN403
Credit Points	6
Campus	Gardens Point and Online
Availabilities	Gardens Point - 5TP8 (Block), 6TP2 (Block), 6TP4 (Block) Online - 6TP3

Business leaders and managers work in complex business environments, in the era of Big Data, where mind-boggling volumes data and information is generated daily on just about every aspect of the business and the economy.

This unit provides students with the opportunity to learn how to make effective business decisions based on the application of a number of standard data analysis techniques to real world business problems. This unit provides students with the opportunity to integrate

and draw upon their disciplinary knowledge in analysing data and making decisions.

GSZ404 Accounting for Decision Making

Anti-requisites	GSN202
Equivalents	GSN404
Credit Points	6
Campus	Gardens Point and Online
Availabilities	Gardens Point - 5TP6 (Block), 6TP5 (Block) Online - 5TP7

This unit provides students with the opportunity to develop an understanding of accounting techniques that are useful for managerial decision making. Essentially this unit concentrates on two key areas of particular importance to business managers and leaders: budgeting and cost control accounting and the analysis and interpretation of financial statements. Through the study of this unit, students will be in a better position to make informed predictions, recommendations and decisions about future directions and actions that are needed to ensure the financial stability of a particular organisation.

GSZ405 Strategic Management

Equivalents	GSN405
Credit Points	6
Campus	Gardens Point and Online
Availabilities	Gardens Point - 6TP1 (Block) Online - 5TP2

Strategy is the process of determining goals and moving towards the achievement of those goals in a business, government, or not-for-profit setting. The Strategic Management unit introduces the concept of strategy and explores the basic tenets of the strategy process, competitive advantage, and strategic management in a changing global environment. It lays the foundations for students in terms of understanding contemporary thinking in the strategy field.

GSZ406 Contemporary Human Resource Management Issues: Global Perspectives

Equivalents	GSN406
Credit Points	6
Campus	Online and Gardens Point
Availabilities	Gardens Point - 5TP2 (Block), 5TP6 (Block), 6TP2 (Block) Online - 5TP2

There is increasing recognition internationally of the critical contribution of effective people management in obtaining and sustaining a strategic advantage in an increasingly globally competitive business environment. This unit provides students with the opportunity to examine the challenges faced by managers and leaders in achieving effective human resource management in the complex business environments of today and tomorrow. The unit adopts an issues-based approach, designed to build awareness of the human resource management issues and build contextually specific solutions to those issues in diverse industry contexts.

GSZ407 Communicating to Influence

Anti-requisites	GSZ603
Equivalents	GSN407
Credit Points	6
Campus	Online and Gardens Point
Availabilities	Gardens Point - 6TP1 (Block), 6TP2 (Block) Online - 5TP2, 5TP2

Specialised knowledge alone is no longer enough to guarantee success in business; you must be able to effectively communicate this knowledge with a variety of audiences, in a variety of situations and using a range of communication technologies. This unit provides students the opportunity to develop highly effective and persuasive oral, written and technology enabled communication skills. The unit encourages students to develop an understanding of their audience, sensitivity to language use and to demonstrate the value and power of language as a means of persuasion in managerial and leadership contexts.

GSZ408 Marketing Strategically

Equivalents	GSN408
Credit Points	6
Campus	Gardens Point, Online and Canberra
Availabilities	Gardens Point - 5TP3 (Block), 6TP3 (Block), 6TP6 (Block) Online - 5TP4, 5TP5

The Fundamentals of Marketing Management unit provides students with the opportunity to critically examine and evaluate the role of marketing and its contribution to the strategic processes of organisations operating in increasingly complex and highly competitive global business environments. A study of key marketing decisions made by real world organisations are examined including the marketing concept, the marketing mix, marketing information systems, marketing research, market segmentation, targeting and positioning, and the process of marketing planning, implementation and control.

GSZ409 Understanding and Leading Others

Pre-requisites	GSZ497
Anti-requisites	MGN412, BSN202
Equivalents	GSN409
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 5TP2 (Block), 5TP8 (Block)

The Understanding and Leading Others unit will help students to be able to identify, assess and understand the factors that influence the thoughts, feelings, motivations and actions of individuals in the workplace. Students will then have the opportunity to apply these insights into human behaviour within organisations to determine the most effective strategies and courses of action for maximising the potential of individuals and to lead and build high performing face-to-face and virtual teams.

GSZ410 Entrepreneurship

Anti-requisites	MGN428
Equivalents	GSN410
Credit Points	6
Campus	Gardens Point and Online
Availabilities	Gardens Point - 5TP6 (Block), 5TP9

(Block), 6TP4 (Block)
Online
- 5TP6

The Entrepreneurship unit introduces students to the field of entrepreneurship and the management of innovation. Through the study of this unit, students will be able to develop an understanding of entrepreneurial attitudes, abilities, behaviours and culture and explore a range of issues related to opportunity recognition, viability screening for sustainable competitive advantage, risk recognition and mitigation, intellectual property protection and developing a business model for a new enterprise.

GSZ412 Business Law

Anti-requisites	AYN410 and EFN413
Equivalents	GSN412
Credit Points	6
Campus	Gardens Point and Online
Availabilities	Gardens Point - 6TP3 (Block), 6TP4 (Block), 6TP6 (Block) Online - 6TP6

The Business Law unit provides managers with an overview of basic legal principles, which form the foundation of the laws of commercial transactions from the perspective of, and with particular relevance, to managers. Students will learn key elements of the rules governing business dealings by the interaction of the laws of contract, agency and franchising, property law, securities and bailment, company law and consumer law. The unit also introduces students to the Australian legal and statutory structure and provides an overview of the legal nature of business entities.

GSZ413 Financial Management

Pre-requisites	GSZ403
Anti-requisites	EFN406
Equivalents	GSN413
Credit Points	6
Campus	Gardens Point, Online and Canberra
Availabilities	Gardens Point - 6TP3 (Block), 6TP6 (Block) Online - 5TP6, 6TP5

It is essential for business leaders and managers who must make financial decisions, to have a fundamental understanding of the operation of financial

markets and how these markets impinge on the operation of their organisation. They must know how to properly value cash flows and other assets, and understand the fundamentals of asset diversification, risk and return, and the cost of capital. This unit introduces students to the national and international financial environments in which they operate from a personal and business perspective. The unit explores the three major lessons in finance: time value, diversification and arbitrage.

GSZ415 Global Leadership and Complexity

Pre-requisites	GSZ409
Equivalents	GSN415
Credit Points	6
Campus	Gardens Point and Online
Availabilities	Gardens Point - 5TP6 (Block), 5TP9 (Block), 6TP4 (Block) Online - 5TP7

In a complex society where changes are occurring with increasing speed and frequency, leadership has never had greater significance, nor has it been more challenging. The Leadership and Complexity unit is designed to improve the capacity of students to understand, communicate and influence the people they will lead in complex, rapidly changing business environments. Students will be taken through a variety of reflective activities designed to help them to shape up their own leadership philosophy that will form the foundation of their leadership style.

GSZ428 International Study Tour

Equivalents	GSN428, GSZ429
Credit Points	6
Campus	Gardens Point and Online
Availabilities	Gardens Point - 5TP7 (Block), 6TP3 (Block) Online - 5TP4

In recent years we have seen the rise of many emerging economies particularly in the Asia/Pacific region. Due to developments in technology, changes in government policies, Australian businesses now operate in a highly competitive, global business environment. Business leaders and managers need to

have broader business perspectives, cultural and social understandings of how business is conducted in other countries outside Australia. Through the tour students will be able to study first-hand the business environment and the underlying socio-political, geographical and historical aspects of those countries visited in considerable depth. As part of the tour, the group attends organised briefings, business meetings, presentations and site visits in the host countries.

GSZ429 International Study Tour - Complex Program Leadership

Equivalents	GSN428, GSZ428
Credit Points	6
Campus	Online and Gardens Point
Availabilities	Gardens Point - 6TP3 (Block) Online - 5TP4

This unit allows students to bring together the learning of their prior units and reflect on international and domestic practices to shape their leadership of complex program.

GSZ431 Management Theory and Practice

Credit Points	12
Campus	Online
Availabilities	Online - 5TP2

This unit provides you with the key knowledge and skills you will need to become an effective and informed manager in a changing global environment. It will provide a basic foundation for further development of management theories and concepts. It examines management processes, structures and techniques, with specific reference to Australian government and industry contexts. In addition to the basic functions of management, the changing nature of managerial work emphasises the importance of facilitating, developing and integrating human, physical and other resources. This unit examines current approaches to managing and leading in government and industry contexts; and the challenges of managing amid discontinuous change.

GSZ432 Organisational Behaviour

Credit Points	12
Campus	Online
Availabilities	Online - 5TP4

This unit provides you with an understanding of why employees act the way they do at work, and introduces you to methods for enhancing and promoting positive employee attitudes and behaviours and organisational effectiveness. The emphasis is on understanding basic assumptions and models, major theoretical issues, methods of measurement and practical implications within government and industry contexts. Formally and informally, people live and work in organisations. Only through an understanding of the relevant individual, group and organisation dynamics will graduates be able to function effectively as leaders and managers in government or industry environments, facilitating productivity through efficiency and effectiveness of behaviour and practice, while simultaneously enhancing sustainability and high performance at each level.

GSZ433 Partnerships for Policy Making

Credit Points	12
Campus	Online
Availabilities	Online - 5TP6

This unit explores strength based and systems approaches to equip contemporary public managers to build effective partnerships for policy making and delivery of government business in contestable and complex environments. Contemporary public sector organisation managers and those aspiring to management face many challenges as government organisations change the way they engage with other agencies and sectors to inform complex and contested policy positions. The capacity to think strategically, understand different approaches and be well prepared to facilitate the delivery of the government's agenda are key attributes for managers. Managing complex relationships with citizens, stakeholders and communities in diverse settings distinguishes public managers from their private sector counterparts. This unit seeks to build managers' awareness, knowledge and skills to collaborate effectively for policy improvement in complex cross sectoral environments.

GSZ434 Strategic Decision-Making for Outcomes

Credit Points	12
Campus	Online
Availabilities	Online - 5TP8

This unit builds the overall operational capabilities of public sector managers to deliver and sustain ongoing public sector value. Government agencies need to continually review their strategies to ensure that: context is understood, stakeholders are engaged, outcomes are achieved, innovation is an organisational practice, and review and enhancement processes are embedded. This unit is designed to help participants become more effective as managers of people in using the resources at their disposal to deliver public value when managing government operations for highly impactful outcomes. This unit, as the final unit of the program, concentrates on applying the learning from the three previous units to the operational context of public sector management via the Capstone Workplace Project Plan.

GSZ435 Applied Economics

Credit Points	12
Campus	Online
Availabilities	Online - 5TP2

This unit focuses on microeconomic and macroeconomic forces that directly impact business and government, and explores key policies and their effects on business practices. Students will be introduced to foundational economics knowledge (including price mechanisms, cost and value analysis, market failures, macroeconomic frameworks, income stabilisation, long term economic growth and welfare economics), and will practice problem solving techniques applicable to a variety of public sector contexts. In today's complex domestic and global environments, effective policy design and implementation should be informed by a sound understanding of the interactions between individuals, businesses and the government. The economic concepts and frameworks in this introductory unit provides students with a broad understanding of the economic forces that impact governments, businesses and individuals.

GSZ436 Data Analysis and Finance

Credit Points	12
Campus	Online
Availabilities	Online - 5TP4

This unit introduces students to the concepts of randomness, uncertainty, probability distribution, sampling errors, sampling distribution, hypothesis testing and regression in statistics, and time value of money, debt and equity finance, risk and diversification in finance. Students will also acquire the ability to apply statistical techniques to analyse data and to perform financial analysis pertaining to government contexts. The ability to understand data analysis and evaluate statistical output, along with a sound knowledge of finance, is crucial for decision making in the public sector.

GSZ437 Innovation, Competitiveness and Growth

Credit Points	12
Campus	Online
Availabilities	Online - 5TP6

This unit will consider the economics and business studies that can help to demonstrate how economic policy affects the innovation and competitiveness of Australian businesses as well as how economic growth in general can best be achieved. Economic Growth has been seen as one of the most important factors of ensuring and improving the wellbeing of all Australians. To achieve this goal Australia considers continuously its economic strategy. These considerations focus in particular on the role innovation and competitiveness of Australian businesses.

GSZ438 Behavioural Economics and Policy

Credit Points	12
Campus	Online
Availabilities	Online - 5TP8

This unit equips students with a foundational understanding of the behavioural economics approach to analysing real world problems. It provides a framework incorporating economic and psychological factors through which decision making the policy outcomes can be evaluated. Students will draw upon this approach to design a workplace project informed by academic

research. Public policy is usually based on a model of rational decision making the Homo Economicus in Economics, the Reasonable Person in Law. This unit will contrast theoretical concepts delivered in earlier units with empirical findings to develop a clear understanding of normative and positive approaches to economic and policy challenges. Extending upon traditional economic approaches, Behavioural Economics allows us to study why it is important to identify deviations from preferred policy outcomes and how economic interventions can effectively be evaluated.

GSZ445 Special Topic 2

Equivalents	GSN445
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 5TP4 (Block), 6TP2 (Block)

Please contact the Graduate School of Business for more information.

GSZ464 Systems Thinking for Managers

Equivalents	GSN464,GSZ502,GSN 502
Credit Points	6
Campus	Gardens Point and Online
Availabilities	Gardens Point - 6TP3 (Block), 6TP5 (Block) Online - 5TP8

Leaders and managers of organisations deal with complex problems whose resolution requires holistic approaches, sophisticated thinking and pluralist methodologies. Systems Thinking is an approach that has been successfully used by business managers and leaders to engage with and manage complex and often ambiguous business problems. This unit provides students with foundational knowledge related to systems methodologies and their underpinning epistemologies that enable business leaders and managers to solve and manage the complex, multi-faceted business problems of today and tomorrow.

GSZ468 Problem Framing for Creative Action

Equivalents	GSN468,GSN504,GS N526,GSZ526,GSZ55
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Units

	6
Credit Points	6
Campus	Gardens Point and Online
Availabilities	Gardens Point - 5TP5 (Block), 6TP3 (Block) Online - 5TP6

Simple problem solving approaches are no longer sufficient to solve and manage the complex and multi-faceted business problems of today and tomorrow. Instead, managers need to be skilled in new approaches such as problem reframing, creative problem solving, lateral, analogical and design thinking that support creative and innovative approaches for dealing with complex business challenges. This unit enables students to explore contemporary and creative approaches to problem framing and problem solving in complex business environments both at the individual and group level. Students will also have the opportunity to investigate how to create workplace environments that encourage and foster creativity and innovation.

GSZ473 Corporate Governance and Accountability

Pre-requisites	GSZ404 and GSZ409 and GSZ412 and GSZ491
Equivalents	GSN473
Credit Points	6
Campus	Gardens Point and Online
Availabilities	Gardens Point - 5TP3 (Block), 5TP8 (Block) Online - 6TP6

Boards of directors and managers of organisations are now legally as well as morally accountable for policies, processes, and outcomes to an increasingly vocal set of stakeholders. This unit introduces students to the principles underlying good corporate accountability and governance and examines the roles of the board and management in implementing and monitoring a sound corporate culture, proactively identifying and dealing with risk, and safeguarding the company's assets and its place in our society and economy. Comparative models of governance are also discussed drawing on examples from many cultures and jurisdictions, as well as large and small businesses.

GSZ490 Managing Technological Innovation

Pre-requisites	GSZ405 and 42cp of EMBA units
Equivalents	GSN490
Credit Points	6
Campus	Online, Canberra and Gardens Point
Availabilities	Gardens Point - 6TP2 (Block), 6TP5 (Block) Online - 5TP8, 5TP9

The management of technological innovation is a strategic process that supports, drives and influences the strategic management of the firm. The Managing Technological Innovation unit explores the dynamics of technological innovation, how to identify trends within their technological and competitive environments and use these insights to craft an innovation strategy and importantly strategies for operationalising the innovation.

GSZ491 Economics in Business

Anti-requisites	EFN405, GSN411 and GSN414
Equivalents	GSN491
Credit Points	6
Campus	Gardens Point and Online
Availabilities	Gardens Point - 5TP5 (Block), 6TP2 (Block) Online - 5TP3

For business leaders and managers to operate in the volatile global business environment of today, it is important for them to have a fundamental understanding of both macro and micro economics to guide their business decision making. This unit introduces students to an analytical framework that is needed to understand how market conditions are determined at both the micro and macro levels and how market conditions affect business performance, including issues such as supply and demand, market structures and how they impact pricing strategies and decisions of individual firms, structure of the economy as well as some exploration of international trade.

GSZ497 Personal Leadership and Change

Equivalents	GSN497, GSN503, GSZ503, GSZ554
Credit Points	6
Campus	Online and Gardens Point
Availabilities	Gardens Point - 5TP6 (Block), 6TP2 (Block) Online - 6TP3

It is widely recognised that self-awareness provides a foundation for understanding ourselves as leaders and is a key attribute that characterises truly great leaders. The Personal Leadership and Change unit explores personal leadership in the context of cultural understanding and ethics and how students interactions with others impact on their effectiveness as leaders in a complex business environment. This unit provides students with the opportunity to look inwardly to gain a deeper understanding of themselves and to benchmark where they are currently as a leader. Students are encouraged to identify opportunities for growth and development through the development of a leadership development plan that will be revisited in GSZ415 Leadership and Complexity.

GSZ535 Sourcing and Contracting Strategies in a Global Environment

Equivalents	GSZ527, GSN527
Credit Points	6
Campus	Online and Canberra
Availabilities	Online - 5TP2, 5TP7

This unit forms part of both the Complex Project Leadership and Strategic Procurement elective strands of the EMBA program. This unit is designed to provide students with the opportunity to develop knowledge and skills relating to sourcing and contracting strategies, risks and benefits and the jurisdictional issues that arise in international strategic procurement projects.

GSZ536 Strategic Leadership of Supplier Relationships

Equivalents	GSZ521, GSN521
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Units

Credit Points	6
Campus	Online and Canberra
Availabilities	Online - 6TP2, 6TP5

This unit forms part of both the Complex Project Leadership and Strategic Procurement elective strands of the EMBA program. In the world of complex, long-term global projects, it is not possible for any organization to go it alone - they need to develop strategic partnering arrangements with other organizations. As such, this unit is designed to develop essential leadership and relationship management capabilities that will enable students to select, develop, maintain, performance manage and secure contractual relationships between project partners.

GSZ537 Strategic Alignment and Project Implementation

Equivalents	GSN518, GSZ518
Credit Points	6
Campus	Online
Availabilities	Online - 6TP4

This unit forms part of the Complex Project Leadership elective strand of the EMBA program. Typically complex projects have neither clear objectives nor a well-defined implementation approach and as such require radically different approaches to the project management of and implementation of complex projects. This unit is designed to provide students with the knowledge and skills to ensure strategic alignment of complex projects and the ability to successfully implement complex projects using an evolutionary approach to match the peculiar mix of complexity dimensions exhibited by the complex project.

GSZ538 Strategically Managing Risk

Pre-requisites	GSZ464
Equivalents	GSZ512,GS N512
Credit Points	6
Campus	Online and Canberra
Availabilities	Online - 5TP3, 5TP7

This unit forms part of both the Complex Project Leadership and Strategic

Procurement elective strands of the EMBA. This unit is designed to provide knowledge and skills in identifying and dealing with the emergent risks associated with complex projects. It moves beyond traditional risk management approaches, which generally assume that projects are linear and reductionist, to provide a systems thinking approach to the management of risk in complex environments and large-scale procurements. The unit also develops skill in and provides strategies for recognising major opportunities that can arise from risk and how to exploit them to achieve substantial organisational benefits.

GSZ539 Intellectual Property Strategy and Management

Equivalents	GSN529,GS Z529
Credit Points	6
Campus	Online and Canberra
Availabilities	Online - 6TP3, 6TP4

This unit forms part of the Strategic Procurement elective strand of the EMBA program. This unit is designed to provide knowledge of IP rights and the legal framework surrounding them particularly in relation to complex and technologically advanced strategic goods and services involved in strategic procurement projects. The unit develops skill in the design and implementation of effective IP identification and management strategies both within Australian and international contexts in order to protect IP rights using recognised best practice for strategic procurement projects.

GSZ540 Contract Risk Allocation and Insurance

Pre-requisites	GSZ538
Equivalents	GSN532,G SZ532
Credit Points	6
Campus	Online
Availabilities	Online - 6TP5

This unit forms part of the Strategic Procurement elective strand of the EMBA program. This unit is designed to provide knowledge of the sources of commercial risks associated with large-scale procurement and the skill in applying tools and strategies for mitigating those commercial risks over the lifecycle of the

procurement. The main focus of the unit is on identifying major sources of commercial risks and their contractual treatment through liabilities, indemnities and insurance.

GSZ541 Smart Decision Making: Beyond Digital and Big Data

Pre-requisites	GSZ405
Credit Points	6
Campus	Gardens Point
Availabilities	Gardens Point - 6TP6 (Block)

The aim of this unit is to provide students with the skills to determine the utility and value of creating, managing and interrogating large-scale datasets for strategic decision making. The unit takes a holistic view of the potential opportunities, challenges and implications of undertaking a data-led approach to strategic decision making with a particular focus on the business model, ethical and governance implications of adopting such an approach.

GSZ551 Negotiation Skills and Strategies

Equivalents	GSN551
Credit Points	6
Campus	Gardens Point and Online
Availabilities	Gardens Point - 5TP2 (Block), 5TP8 (Block), 5TP9 (Block) Online - 6TP6

Negotiation is an important part of everyday management, and effective negotiation skills are indispensable for successful managers operating in a globalised and complex business environment. This Negotiation Skills and Strategies unit introduces students to a conceptual framework for analysing the business negotiation process. The exploration of negotiation practices in different contexts better prepares students for negotiation in the increasingly globalised business environment. GSZ 551 forms part of the Integration and Specialisation component of the EMBA and should be undertaken by students once all the units in the Building Foundations and the majority of the Multi-Disciplinary Decision Making components of the program are complete. This unit is also important part of the preparation for the International Tour.

GSZ553 Business Leadership Practicum

Pre-requisites	GSZ415
Equivalents	GSN553
Credit Points	6
Campus	Gardens Point and Online
Availabilities	Gardens Point - 5TP5 (Block), 6TP1 (Block) Online - 6TP2

Leaders in business, government and community organisations face daily challenges and difficult decisions. How leaders make decisions in complex environments is an insight that is rarely able to be observed by students developing their own leadership and decision making skills. Students completing this highly experiential unit will be paired with a senior executive level leader from a business, government or community organisation to observe the leader in action and engage in discussions about leadership, decision making and dealing with the ethical dilemmas faced by this leader over a period of nine months. This unit is positioned to build upon the EMBA executive coaching program and the work completed in GSZ415 Leadership and Complexity unit.

GSZ558 Stakeholder Engagement and Media Principles

Equivalents	GSN558, GSZ555, GSN496, GSN523, GSZ523
Credit Points	6
Campus	Gardens Point and Online
Availabilities	Gardens Point - 5TP2 (Block), 5TP6 (Block), 6TP2 (Block) Online - 5TP3

In this globally connected world it has never been so important for organisations to effectively manage their public reputation portrayed in both traditional and social media. The Stakeholder Engagement and Media Principles unit develops students understanding of the role of stakeholder engagement, the importance of stakeholder analysis and the role media plays in influencing organisational issues.

GSZ560 Advanced Strategy for Global Business

Pre-requisites	GSZ405 or GSN405
Equivalents	GSN560
Credit Points	6
Campus	Online and Gardens Point
Availabilities	Gardens Point - 5TP3 (Block), 5TP7 (Block), 6TP3 (Block) Online - 5TP2

Business leaders today need to be multi-disciplinary strategic thinkers, who have foresight and an ability to take a big-picture, long term view of an organisation. Additionally, the ability to make decisions, often with incomplete information, and to determine appropriate strategic responses to complex, global business problems and opportunities is seen as the key determinant of positive business outcomes and the longevity of organisations. The Advanced Strategy for Global Business unit helps students to develop a sophisticated knowledge and application of strategic analysis techniques and approaches including the dynamics of inter-firm dependencies, the nature of complex-adaptive systems, an understanding of the pivotal role of data in the strategy process and the limitations of theoretical models.

GSZ561 Conducting Business Internationally

Other requisites	MBA Director approval is required. Students are expected to have completed at least 48 credit points prior to enrolment.
Assumed Knowledge	null
Credit Points	6
Campus	Gardens Point and Online
Availabilities	Gardens Point - 5TP2 (Block), 5TP3 (Block), 6TP5 (Block) Online - 6TP3

Today we operate in a highly-competitive globalised business environment. Those charged with leading large, medium or small business organisations or government departments or agencies must be able to identify and seize the business opportunities associated with conducting business internationally. This unit provides students with the tools and

strategies to give them increased confidence and competence in their ability to conduct business internationally. Conducting Business Internationally should be studied in conjunction with GSZ428 International Study Tour. This unit forms part of the EMBA Integration and Specialisation component of the program and should be undertaken by students once all the units in the Building Foundations and the majority of units in the Multi-Disciplinary Decision Making components of the program are complete. This unit will be made available students from 2014 and replaces the Special Topic unit, Doing Business in China.

GSZ572 Integrated Workplace Project - Business Planning

Equivalents	GSZ416, GSN416
Other requisites	114 CPs of Core EMBA units as approved by MBA Director including GSZ405 and GSZ410
Assumed Knowledge	null
Credit Points	6
Campus	Gardens Point and Online
Availabilities	Gardens Point - 6TP2 (Block), 6TP5 (Block) Online - 5TP6

New ventures can originate from any organisational context. Irrespective of the context, entrepreneurs face unique challenges in planning for and designing new ventures. This capstone unit in the EMBA program, provides students with the opportunity to apply learnings from the program in an integrated manner resulting in the designing and planning of a new ventures within an existing organisation or a new start-up or a not-for-profit organisation. GSZ572 forms part of the EMBA Integration and Specialisation component of the program and should be undertaken by students once all the units in the Building Foundations and the Multi-Disciplinary Decision Making components of the program are complete. This unit will be available to students from 2014 and will replace GSZ416 Business Plans 1.

GSZ601 Leading Self and Others

Anti-requisites	GSZ554
Credit Points	12
Campus	Online, Gardens

Units

	Point and External
Availabilities	Online - 5TP8, 6TP3
	External - 5TP6

Aspiring leaders develop their leadership skills through self-awareness, individual planning, courage and commitment. Through the application of personal insight and environmental feedback they understand their strengths, weaknesses and opportunities for improvement, building capacity both within themselves and those they lead. Effective leadership is fundamental to excellence in all aspects of business administration and is the key to mobilising group dynamics and fulfilling human potential.

GSZ602 Actioning Strategic Change and Innovation

Anti-requisites	GSN405
Credit Points	12
Campus	Online, Gardens Point and External
Availabilities	Online - 5TP6, 6TP6
	External - 6TP6

Managing the development and implementation of strategy in government organisations requires the ability to effectively develop innovative solutions for problems in complex environments and plan for the change process through their implementation. This unit examines strategic management concepts and frameworks that will help the manager to understand the strategic context and develop business strategies aligned to government policy frameworks.

GSZ603 Communicating for Results

Anti-requisites	GSN407, GSZ407
Credit Points	12
Campus	Online, Gardens Point and External
Availabilities	Online - 6TP3, 6TP5
	External - 5TP7

GSZ604 Navigating Risk, Ethics and Politics

Anti-requisites	GSN456
Credit Points	12
Campus	Online

Availabilities	Online - 6TP5
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Upon completion of this unit, you should be able to:

1. Identify and critique key risk, ethical and political issues occurring in a workplace setting.
2. Understand how your personal awareness, values and locus of control impact on decision making.
3. Identify and evaluate strategies for dealing with the complexities of risk, ethics and politics in the workplace.
4. Devise and apply appropriate courses of action in relation to risk, ethical and political situations occurring in a workplace setting

The specific course learning goals and unit objectives that apply to this unit are shown in the assessment section of this unit outline.

GSZ606 Leading Strategic Initiatives and Programs

Credit Points	12
Campus	Online
Availabilities	Online - 6TP4

Building on the underpinning principles of established frameworks such as Managing Successful Programmes (MSP), aspiring leaders must be able to design and lead organisational transformation initiatives in complex and changing environments. The ability to lead in complex environments, having the self awareness to engage with diverse stakeholders and senior executives both within and external to the organization and manage conflicting interests, at the same time as ensuring alignment of program and organisational strategy, is critical to success.

GSZ608 Leadership of Strategic Supplier Relationships

Credit Points	12
Campus	Online and External
Availabilities	Online - 6TP5
	External - 6TP2

Project Managers, Asset Managers, Business Managers, Procurement Professionals, Operations/ Maintenance /IT Personnel and other key stakeholder groups are increasingly required to lead and manage supplier relationships beyond the short term and to take into account key issues relating to sustainability, accountability, efficiency and waste reduction, trust, values maximisation, risk minimisation,

performance measurement and business objectives alignment. Skillful leadership in these areas is fundamental to project/business success and positive stakeholder outcomes. This module builds the essential skills and understandings for creating these high performance supplier relationships.

GSZ621 Grounding Theory and Practice

Anti-requisites	BSN201, MGN441, MGN442
Equivalents	GSN621
Credit Points	12
Campus	Online
Availabilities	Online - 12TP2

GSZ622 Linking Leadership and Complexity of Mind

Pre-requisites	GSZ621 or GSN621
Anti-requisites	BSN201, MGN441, MGN442
Equivalents	GSN622
Credit Points	12
Campus	Online
Availabilities	Online - 12TP3

GSZ631 Managing within the Context of Government

Credit Points	12
Campus	Gardens Point and External
Availabilities	External - 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP2, 12AP2, 12AP2, 12AP2, 12AP2, 12AP2, 12AP2, 12AP3, 12AP3, 12AP3

GSZ631 provides the 'big picture' of government and the context within which public sector managers operate. It develops an understanding of the institutional frameworks and conventions which guide practice and ensure sustainable democratic processes. This unit places the business of government (policy framing and delivery) within its systemic context. Public sector and NGO managers are enabled to explore, appreciate and respond to the many institutional reforms and managerial challenges which emerge from global forces, local political concerns and

increasing interconnectivity.

GSZ632 Managing Self and Others

Credit Points	12
Campus	Gardens Point and External
Availabilities	External - 12AP1, 12AP1, 12AP1, 12AP1, 12AP2, 12AP2, 12AP2, 12AP2, 12AP2, 12AP2, 12AP2, 12AP3, 12AP3

GSZ632 provides insights into key individual and group behaviours, and offers skills for communicating with and managing people and teams. By building greater personal self-awareness, participants are equipped to better manage their strengths and limitations and improve resilience. By appreciating the naturally occurring differences in others they are equipped to respond appropriately and manage performance positively. By developing and practising key communication skills, participants are able to influence more effectively (interpersonally and virtually) so that groups and teams can work more productively.

GSZ633 Managing Outwards in a Networked Government

Credit Points	12
Campus	Gardens Point and External
Availabilities	External - 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP2, 12AP2, 12AP3, 12AP3, 12AP3, 12AP3, 12AP3, 12AP3

GSZ633 explores the variety of relationships that managers need to build across the public sector and outside it - with the private sector, with community and not for profit sector and with citizens and clients of government services. The unit will explore strength-based and systems approaches to equip public sector and NGO managers to build effective partnerships for policy making and delivery of government business and customer services in contestable, complex and virtual environments. In this unit participants will also identify a potential workplace project and develop a draft proposal.

GSZ634 Managing Operations for Outcomes

Credit Points	12
Campus	Gardens Point and External
Availabilities	External - 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP2, 12AP2, 12AP2, 12AP2, 12AP2, 12AP2, 12AP2, 12AP2, 12AP2, 12AP2, 12AP2, 12AP3, 12AP3

Government agencies and NGOs continually review their strategies to ensure that context is understood, stakeholders are engaged, outcomes are achieved, innovation is an organisational practice, and review and enhancement processes are embedded. Critical to the creation and delivery of public value is the effectiveness and robustness of the execution of strategy and the ability of the entity to leverage its various capabilities. As such, public sector and NGO managers plan, manage, organise and implement to ensure results are delivered and outcomes achieved. This unit is designed to build the overall operational capabilities of these managers, and provide them with highly effective and appropriate tools, processes and diagnostic capabilities, to deliver and sustain ongoing public sector value. This is the capstone unit. This unit enables students to draw on and apply the learnings from the whole program to a relevant workplace project.

HLB001 Health Needs of Aboriginal and Torres Strait Islander Australians

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit will provide you with an introduction to a range of historical and contemporary factors that impact on the health and wellbeing of Indigenous people today. Communities require health practitioners to have the knowledge and skills to provide appropriate care for Aboriginal and Torres Strait Islander people. This is underpinned by an Indigenous defined primary healthcare framework. In this unit, an Indigenous definition of health is the basis of commencing the journey towards cultural awareness and cultural sensitivity.

HLB002 International Study Experience

Pre-requisites	Academic approval and successful completion of 96 credit points of study in your current course
Other requisites	Academic approval and successful completion of 96 credit points of study in your current course. Students must have successfully completed an approved QUT Study Abroad to be eligible to undertake this unit.
Assumed Knowledge	null
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2 (Block)

Within the context of an approved Outward Bound Mobility activity, this unit provides an opportunity for you to further develop your knowledge and skills for working in a globalised context through an international experience undertaken within the context of your course. It allows you to build on, and extend studies that you have completed in the earlier parts of your course. It also offers an international 'lens' through which to reflect on your current course experiences and, thus, the opportunity to broaden and deepen your repertoire of skills for working in local and/or global contexts.

HLB003 Interprofessional Learning (IPL) Elective

Other requisites	Successful completion of 96 credit points of study in your current course. To undertake assessment in this unit you must be undertaking an approved IPL activity during the semester of enrolment, or have undertaken an approved IPL activity during the preceding semester. Approved IPL activities include the Health Fusion Team Challenge, Outreach activities conducted by QUT Health Clinics, or as negotiated with your coordinator.
Assumed Knowledge	null
Credit Points	12

Units

Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides an opportunity for you to further develop your knowledge and skills for interprofessional, team-based practice. It allows you to build on, and extend studies that you have completed in the earlier parts of your course. It also offers an interprofessional 'lens' through which to reflect on your current course experiences and, thus, the opportunity to broaden and deepen your repertoire of skills for working effectively within integrated, multidisciplinary contexts.

HLB300 Independent Study

Pre-requisites	Completion of 192cp
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

This unit provides the opportunity to substantively explore a topic or subject of personal academic interest within your discipline area. It enables you to extend your knowledge and understanding of a topic area that is not otherwise available as a formal unit of study within the course, and your skills in knowledge development and knowledge management.

HLH101 Research Funding Proposal

Co-requisites	HLH104, HLH105 and HLH107-1
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit will assist you in developing your knowledge of the existing scientific literature related to your field of research, help you formulate specific research questions and provide you with the opportunity to develop a research plan that allows you to answer these questions. You will work in collaboration with your research project supervisors and other discipline area experts to prepare a research funding proposal for your project similar to those required to obtain funding from an Australian competitive grant schemes administered by a philanthropic foundation or society. This will help you to understand the background, rationale and methodologies

related to your specific research project.

HLH104 Manuscript Critique

Co-requisites	HLH101 and HLH105 and HLH107-1
Equivalents	HLP104
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides the students an opportunity to critically analyse and review a manuscript that is within or outside their research topic.

HLH105 Research Strategies 1

Co-requisites	HLH101 and HLH104 and HLH107-1
Equivalents	HLP105
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

In this unit you will be actively involved in critical discussions on key aspects underlying the scientific method with senior academics in the Faculty. You will develop and refine skills in project design and implementation, the critical analysis of methods and data, time management, information retrieval and learn how to collect, critically analyse and collate scientific literature and effectively present scientific information. You will also actively participate in research forums external to your own research groups aimed at developing a collaborative and interactive group ethos in research.

HLH106 Research Strategies 2

Pre-requisites	HLH101 and HLH104 and HLH105 and HLH107-1
Co-requisites	HLH107-2 and HLH107-3 and HLH107-4
Equivalents	HLP106
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

In this unit you will be actively involved in critical discussions on key aspects underlying the scientific method with senior academics in the Faculty. You will:

develop and refine skills in project design and implementation, the critical analysis of methods and data, time management, information retrieval; learn how to collect, critically analyse and collate scientific literature and effectively present scientific information; actively participate in research forums external to your own research groups aimed at developing a collaborative and interactive group ethos in research; and learn how to prepare professionally for a career in biomedical science.

HLH107 Research Project 1

Co-requisites	HLH101 and HLH104 and HLH105
Equivalents	HLP107-1
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit will assist you in developing your technical and analytical skills related to your field of research. It will provide you with the opportunity to develop a plan that allows you to, execute and evaluate a piece of research. You will work in collaboration with your research project supervisors and other discipline area experts to prepare a final manuscript outlining the results of your research following interpretation of the data collected from your research plan.

HLH107 Research Project 4

Pre-requisites	HLH107-3. HLH107-3 can be studied in the same teaching period as HLH107-4
Co-requisites	HLH106
Equivalents	HLP107-4
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit will assist you in developing your technical and analytical skills related to your field of research. It will provide you with the opportunity to develop a plan that allows you to, execute and evaluate a piece of research. You will work in collaboration with your research project supervisors and other discipline area experts to prepare a final manuscript outlining the results of your research following interpretation of the data collected from your research plan.

HLH107 Research Project 3

Pre-requisites	HLH107-2. HLH107-2 can be studied in the same teaching period as HLH107-3
Co-requisites	HLH106
Equivalents	HLP107-3
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit will assist you in developing your technical and analytical skills related to your field of research. It will provide you with the opportunity to develop a plan that allows you to, execute and evaluate a piece of research. You will work in collaboration with your research project supervisors and other discipline area experts to prepare a final manuscript outlining the results of your research following interpretation of the data collected from your research plan.

HLH107 Research Project 2

Pre-requisites	HLH107-1
Co-requisites	HLH106
Equivalents	HLP107-2
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit will assist you in developing your technical and analytical skills related to your field of research. It will provide you with the opportunity to develop a plan that allows you to, execute and evaluate a piece of research. You will work in collaboration with your research project supervisors and other discipline area experts to prepare a final manuscript outlining the results of your research following interpretation of the data collected from your research plan.

HLH401 Advanced Research Methods

Pre-requisites	PUB561 or (XNB251 and XNB255)
Anti-requisites	
Equivalents	
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

An advanced knowledge of research principles and methods is an essential

component of professional practice and is required to address issues which arise in professional practice. This unit focuses on the skills and knowledge required to design and use research in a project and builds on basic principles including biostatistics. Specifically you will develop the skills needed to formulate a theoretically sound research questions or hypotheses, select appropriate research methodologies, data collection methods and analyses needed to answer your research questions or test hypotheses, and to interpret and report the outcomes. It will prepare you to adopt a questioning and critical approach to your clinical practice and develop critical thinking and reasoning skills applied to the evidence around a topic of your choice. You will undertake a systematic literature search and be introduced to advanced discipline knowledge in, and skills needed to, undertaking a critical review of the evidence. Further research skill development will be applied to analysis of research data using a statistical package and selection of tools for measuring outcomes and behaviour change. . Communication skills will be developed by preparing a systematic literature review and a research proposal. The development of a project proposal will prepare you for the implementation of your Capstone project.

HLH402 Research Project for Honours

Pre-requisites	HLH401 or HLB401
Equivalents	HLB402
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit is in the fourth year of your program and provides extended, independent skills in research by partnering you with an experienced researcher to answer a practice related research question. The unit will enable you to explore a topic in an area of special interest and gain skills in the integration of research with practice and a potential career as a researcher and leader in your chosen field.

HLH403 Research Project for Honours

Pre-requisites	HLH401 or HLB401 or SWH401
Equivalents	HLB403-1

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The Honours research project provides the opportunity for you to develop extended, independent skills in research by partnering you with an experienced researcher to answer a practice related research question. You will explore a topic in an area of special interest and gain skills in the integration of research with practice and a potential career as a researcher and leader in your chosen field. Together, HLH403-1 and HLH403-2 comprise a 24 credit point unit that can be studied over two semesters. Assessment items are submitted and a final grade awarded only at the end of the final sub-unit, HLH403-2.

HLH403 Research Project for Honours

Pre-requisites	HLH403-1 or HLB403-1
Equivalents	HLB403-2
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

The Honours research project provides the opportunity for you to develop extended, independent skills in research by partnering you with an experienced researcher to answer a practice related research question. You will explore a topic in an area of special interest and gain skills in the integration of research with practice and a potential career as a researcher and leader in your chosen field. Together, HLH403-1 and HLH403-2 comprise a 24 credit point unit that can be studied over two semesters. Assessment items are submitted and a final grade awarded only at the end of the final sub-unit, HLH403-2.

HLN004 Chronic Conditions Prevention and Management

Equivalents	PUN553
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2

The unit introduces a range of factors that contribute to the development, prevention

Units

and management of chronic conditions. It has an interdisciplinary focus that addresses the continuum of care from primary health to tertiary interventions.

HLN405 Qualitative Research

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2

The unit offers the opportunity to study, explore and understand a range of research methodologies and methods. In so doing, the unit exposes students to a knowledge base that may inform post graduate qualitative research. The unit seeks to enhance knowledge and skills in critical assessment of research based publications: articles and books across the health sciences. It encourages students to question and contest knowledge and to constructively defend points of view. They will learn and apply key principals, concepts and skills that inform qualitative research across a range of disciplines and contexts.

HLN700 Dissertation

Credit Points	48
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM

Through undertaking a research project in a specialised area of practice, the dissertation provides the opportunity for you to develop advanced skills in the critical evaluation, interpretation and application of research.

HLN701 Independent Study

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM External - SEM-1, SEM-2

The development of critical appraisal skills is essential for students undertaking postgraduate study. This unit provides an opportunity to investigate a relevant topic in your area of study. In the process of identifying, gathering and analysing up-to-

date relevant literature, you will strengthen skills in the synthesis of information and report writing relevant to your field.

HLN703 Project

Pre-requisites	Completion of 96 cp and (NSN434 or NSN424 or HLN707 or HLN405 or HLN706 or HLN710 or PUN103 or PUN105.)
Credit Points	24
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM

In this unit you will demonstrate creativity and initiative to analyse, synthesise and apply knowledge and skills to complete a project relevant to a specified area of study. By undertaking a research project you have the opportunity to consolidate, extend and apply the advanced knowledge and skills gained through the course to date.

HLN706 Health Statistics 2

Pre-requisites	PUN105
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit further develops your knowledge, skills and application of statistical methods by building on the foundations acquired in PUN105 Health Statistics 1. It is common in health to deal with data that is not easily analysed using basic statistical techniques. This unit focuses on providing you with the skills needed to undertake advanced statistical modelling such as logistic regression, survival analysis and longitudinal data analysis. You will apply your knowledge to the analysis of data using the SPSS statistical software. The techniques covered in the unit will equip you with the skills necessary to analyse most of the data typically generated in clinical and population health settings.

HLN707 Research Methods in Health

Pre-requisites	Completion of 96 credit points of study
Credit Points	12
Campus	Kelvin Grove and External

Availabilities

Kelvin Grove
- SEM-1, SEM-2
External
- SEM-1, SEM-2

HLN707 Research Methods in Health is a research planning unit. The unit will provide you with practical research skills training and takes you through the process of developing an answerable research question, to designing the study, planning the research project's implementation, and planning the analysis and dissemination of the research findings. It is highly recommended that you take this unit the semester before you are planning to undertake your project or dissertation. This unit provides opportunities to consolidate your critical analysis and problem solving skills in an autonomous way to prepare for and integrate your theoretical knowledge in a research capstone unit or whilst undertaking a research project in your clinical discipline. You will develop a research proposal which will prepare you to undertake a 24 credit point project or a 48 credit point dissertation or as a stand-alone research unit for clinicians. Successful completion of relevant research methodology units is assumed knowledge. For those wishing to do quantitative research, completion of HLN710 (Epidemiology) and/or PUN105 (Health Statistics 1) is highly recommended. For those wishing to do qualitative research, completion of HLN405 (Qualitative Research) is highly recommended.

HLN710 Epidemiology

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit introduces you to the fundamentals of epidemiology. You will develop the skills to apply epidemiological principles to public health and clinical practice. This includes undertaking logical, scientific assessment of the health literature, with a strong emphasis on critical appraisal of health information and data.

HLN711 Advanced Qualitative Methods

Credit Points	12
Campus	Kelvin Grove and External

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Availabilities	Kelvin Grove - SEM-2
	External - SEM-2

This unit offers students the opportunity to critically explore and apply a range of qualitative research methods. The focus of teaching and learning concerns the development of rigorous qualitative research and includes approaches to data generation, data analysis and reporting of qualitative research projects.

HLN712 Dissertation

Pre-requisites	HLN712-1
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

Through undertaking a research project in a specialised area of practice, the dissertation provides the opportunity for you to develop advanced skills in the critical evaluation, interpretation and application of research. Together, HLN712-1, 2, 3 and 4 comprise a 48 credit point unit that can be studied over a number of semesters. Each semester you can enrol in one or more of its four 12 credit point sub-units. Assessment items are submitted and a final grade awarded only at the end of the final sub-unit HLN712-4.

HLN712 Dissertation

Pre-requisites	HLN712-2
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

Through undertaking a research project in a specialised area of practice, the dissertation provides the opportunity for you to develop advanced skills in the critical evaluation, interpretation and application of research. Together, HLN712-1, 2, 3 and 4 comprise a 48 credit point unit that can be studied over a number of semesters. Each semester you can enroll in one or more of its four 12 credit point sub-units. Assessment items are submitted and a final grade awarded only at the end of the final sub-unit HLN712-4. This is the final research thesis unit. It built on the previous units. You will finalise and submit your thesis.

HLN712 Dissertation

Pre-requisites	HLN712-2
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

Through undertaking a research project in a specialised area of practice, the dissertation provides the opportunity for you to develop advanced skills in the critical evaluation, interpretation and application of research. Together, HLN712-1, 2, 3 and 4 comprise a 48 credit point unit that can be studied over a number of semesters. Each semester you can enrol in one or more of its four 12 credit point sub-units. Assessment items are submitted and a final grade awarded only at the end of the final sub-unit HLN712-4.

HLN712 Dissertation

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

Through undertaking a research project in a specialised area of practice, the dissertation provides the opportunity for you to develop advanced skills in the critical evaluation, interpretation and application of research. Together, HLN712-1, 2, 3 and 4 comprise a 48 credit point unit that can be studied over a number of semesters. Each semester you can enrol in one or more of its four 12 credit point sub-units. Assessment items are submitted and a final grade awarded only at the end of the final sub-unit HLN712-4.

HLN750 Dissertation

Credit Points	24
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM

Through undertaking a research project in a specialised area of practice, the dissertation provides the opportunity for you to develop advanced skills in the critical evaluation, interpretation and application of research. Together, HLN750-1 and HLN750-2 comprise a 48 credit point unit that can be studied over two semesters. Assessment items are submitted and a final grade awarded only

at the end of the final sub-unit HLN750-2.

HLN750 Dissertation

Credit Points	24
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM

Through undertaking a research project in a specialised area of practice, the dissertation provides the opportunity for you to develop advanced skills in the critical evaluation, interpretation and application of research. Together, HLN750-1 and HLN750-2 comprise a 48 credit point unit that can be studied over two semesters. Assessment items are submitted and a final grade awarded only at the end of the final sub-unit HLN750-2.

IAB201 Modelling Information Systems

Anti-requisites	ITD122
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

As an Information Systems practitioner, essential skills are modelling and abstraction which you use to understand the problem in its widest context and develop conceptual and logical representations of solution components. In this unit, you are introduced to principles of conceptual modelling of information systems, such as abstraction, aggregation, decomposition and modularization. The unit develops a both broad and detailed understanding of the relevance of modelling to the analysis and design of complex systems by examining different modelling paradigms, including complex systems modelling, data modelling, process modelling, organizational modelling, object modelling and information modelling. The modular approach allows you to undertake modelling and abstraction processes required to understand complex systems in organizational and information technology domains.

IAB202 Business of Information Technology

Pre-requisites	IFB101 or ITD101 or IGB181 or EGB100 or ENB100
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Units

Anti-requisites	INB301
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Whether you are launching an internet start-up or advising your company on how to embark on a successful technical direction you need to have an understanding of the basic business building blocks to enable your decision making and interact with the other (non-IT) people involved. This unit will help you to explore these necessary business practices and concepts by engaging you in the development IT business initiatives which are primarily internet-based. By considering case studies, you will learn a practical approach to developing IT business initiatives. The concepts include business models, revenue models, digital marketing, and digital strategy.

IAB203 Business Process Modelling

Equivalents	INB320
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Building on the principles of Business Process Management (BPM), this unit will develop a deep understanding of business process modelling as the core activity in BPM initiatives. You will learn about the main components of a business process modelling language. You will also learn how to apply standard modelling languages such as BPMN to develop abstract yet relevant representations of complex business processes in a consistent and unambiguous way, and to reason about these models. Finally, you will learn how to identify relevant processes to be modelled, how to discover models from these processes and meaningfully organize the models in a process architecture. The unit will use a hands-on approach to allow you to learn the art of process modelling incrementally.

IAB204 Business Analysis

Pre-requisites	((IAB205 or INB120) and PUB102) or ((IFB103 or ITD103 or INB182) and IAB202)
Equivalents	INB220
Credit Points	12
Campus	Gardens Point

Availabilities	Gardens Point - SEM-1
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This unit gives you an introduction to the role, knowledge areas, and skills required of the modern business analyst. The unit focuses on the key elements of business analysis, including planning and monitoring, elicitation, requirements analysis, solution assessment and validation, and requirements management and communication. The unit will equip you with the knowledge and skills necessary to identify a business problem or opportunity and develop business cases and plans for achieving effective solutions. This unit builds on the foundational work learned in 'Business of IT'.

IAB205 Corporate Systems

Pre-requisites	IFB101 or INB101 or ITD101
Equivalents	INB120
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Large enterprises have many different computer applications and many different technology platforms supporting these applications. This diversity is called Corporate Systems and understanding of this landscape, and its complexity is essential in any Information Systems graduate. This Corporate Systems unit introduces you to the IT landscape of the modern enterprise. We highlight the issues faced by the enterprise in providing an integrated view and management of its business, and how corporate systems help address these issues. The unit covers three important phases of the corporate systems lifecycle: selection, implementation, and usage. Collectively, knowledge of the techniques associated with these lifecycle phases provides you the means to be an effective business analyst and change agent. This unit builds on the core first year unit, IFB101, Impact of IT and the understanding users component of IFB103 Designing IT.

IAB230 Mobile and Ubiquitous Computing

Pre-requisites	IFB104 or INB104 or ITD104
Equivalents	INB345
Credit Points	12

Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides you the opportunity to explore the latest and emerging mobile and ubiquitous technologies, critically review real case studies, expand your awareness of interconnections between technologies, networks and user contexts and design a solution to a smart IT context problem. Using compelling concrete case studies, including personalised health, connected health, smart transport, connected home applications, smart cities, smart buildings, smart farms, and smart manufacturing, you will learn the components of a mobile ubiquitous system and design a technical solution meeting the information needs of specific key user in a specific context.

IAB260 Social Technologies

Pre-requisites	IFB103 or ITD103
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Social technologies are changing the way we work, learn and play. This unit takes a hands-on approach to learning and encourages you to play with social technologies. You will critically explore a range of established, new and emerging social technologies, and how they can be used in different contexts. You will explore how people experience social media and consider your own professional and personal identities and how these are related in an increasingly hyper-connected world. The unit explores the complex social, political, legal, economic and ethical issues related to use of social technologies in everyday life. It also introduces you to the role of social technologies in education, lifelong learning, business, and society more generally.

IAB301 Enterprise Architecture

Pre-requisites	(IAB201 or ITD122) and (IAB205 or INB120) and (IAB203 or INB321)
Equivalents	INB222
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides a comprehensive understanding of Enterprise Architecture

(EA), the different ways it is applied in professional practice, and the key approaches and techniques for developing an EA. You will first be exposed to the principles of enterprise architecture, comparing these with the issues of modelling, design and solution architecture of individual systems. You will gain proficiency at developing different parts of an EA, based on the widely adopted EA framework, TOGAF, using state-of-the-art techniques. This will cover organisational capabilities and the different artefacts that support these, including business services, processes, information and resources. Finally, IT implementation issues will be addressed through technical architecture standards such as Service-Oriented Architecture. This advanced unit extends your learning from previous units in Data and Information Management and Process Modelling.

IAB302 Information Systems Consulting

Pre-requisites	IAB205 or INB120
Equivalents	INB322
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This subject provides the you with a comprehensive understanding of the operations of an information systems consulting firm and skills pertaining to the consulting process. The focus of the subject is engagement; in other words, the practices that consultants use to win clients. You are professionally trained in information systems consulting skills such as proposal writing, engagement meetings, consulting presentations and negotiation. This builds on the skills developed in business analysis. A grand simulation is held at the end of semester where consulting teams compete against each other to win an information systems tender. This unit is highly regarded in industry and several large consulting firms recruit students who complete this subject.

IAB303 Business Intelligence

Pre-requisites	IFB299 or AYB341
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point

- SEM-1

The market for business intelligence (BI) continues to be one of the fastest growing segments of commercial demand and requirement for BI expertise is also increasing. BI offers notable competitive advantage to the enterprise because it allows decision makers to exploit new information flows and visualising real time data to managers and decision makers. Business Intelligence is a systematic evidence based approach that modern organisations use in corporate decision making. It is concerned with providing timely and accurate information management. In this unit, you are introduced to the key notions of Business Intelligence. The unit will cover principles of Business Intelligence through explanations of appropriate theories, methodologies, processes, architectures, and technologies. The unit will provide examples on reporting, in-memory data analytics, online analytical processing, analytics, data mining, process mining, complex event processing, business performance management, benchmarking, text mining, predictive analytics and prescriptive analytics relevant to Business Intelligence. The unit will incorporate a laboratory component using SAS and SAP so that concepts presented in class can be applied to solve problems with real-world case studies. You will also be exposed to ProM (www.processmining.org), as an open source framework for process mining and potentially also We

IAB304 Project Management

Equivalents	INB123
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces you to the concepts and practice of project management.

IAB320 Business Process Improvement

Pre-requisites	IAB203
Equivalents	INB321
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit will teach you how to conduct an end-to-end organizational process improvement project, from analysis to

redesign. The students will be equipped with a comprehensive set of methods, techniques and tools that can be used effectively to progress with a process improvement effort. These include quantitative and qualitative analysis techniques as well as various process redesign paradigms. You will also develop knowledge about different process improvement methodologies such as Lean, Six Sigma and Process Reengineering. The unit will use a hands-on approach, with real-life case studies, to enable authentic learning outcomes

IAB321 Business Process Technologies

Pre-requisites	IAB203
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Whether you will be a business analyst, a process owner, a solution architect or a software engineer, it is essential that you understand the principles and value of business process automation, in order to fully realise the benefits of Business Process Management. This unit introduces the fundamentals of "business process automation". You will learn how to develop an executable business process based on a business-oriented process model. You will practice how to automate an executable process using a business process management system (BPMS) and how to monitor its progress. The unit further presents various post-execution techniques for analysing the behaviour of automated processes. The hands-on approach allows students to design, control and analyse automated business processes using a variety of well-known business process technologies.

IAB330 Mobile Application Development

Pre-requisites	IAB230 or CAB201 or ITD121
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Proliferation of mobile devices with everyday users have resulted in high demand for creative developers to build innovative applications, and given the variety of platforms there is a major skills

shortage. Students with software and user interface design and programming skills will benefit from this project-based unit to start their portfolio in developing useful applications on emerging mobile devices.

IAB350 Enterprise Systems Configuration

Pre-requisites	IAB202 or INB301
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Configuration is a critical step of ES implementation. Configuring an Enterprise System is largely a matter of balancing the way the organisation wants the system to work with the way it was designed to work, as per the business requirements of the organisation. Configuring an Enterprise System is completed through the in-built changeable parameters that modify system operation. For example, an organisation can select the type of inventory accounting to use, whether to recognise revenue by geographical unit, product line, or distribution channel and whether to pay for shipping costs when a customer returns a purchase

IAB351 Business in the Cloud

Pre-requisites	
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit will address the knowledge, skills and challenges of assisting organisations in adopting cloud computing and transforming business using new cloud orchestration models. It will cover different aspects of developing a detailed digital strategy for business in the cloud, including: cloud computing concepts and principles and developing technical cloud architecture; developing a business architecture including business analysis, business case analysis and change management; and understanding legal and regulatory policy that governs the use of cloud services. Through the knowledge, skills and assessments of the unit, students will develop a sound management acumen for undertaking business, and technical roles related to cloud adoption and practice. All enquiries: iab351@qut.edu.au

IAB370 Digital Transformation

Pre-requisites	(IFB103 or ITD103) and IAB270
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Digital technologies (e.g., social, mobile, wearable, cloud) are disrupting markets and industries creating new opportunities for new organizations (start-ups) and requiring established organizations to rethink their business. This unit will enable you to identify new digital opportunities and develop transformative digital initiatives. You will learn to analyse and assess digital transformation (e.g., technology laws, information economics, scenario planning). This will support you with identifying opportunities for new digital initiatives. You will also be introduced to the methods, models and tools that you can use when developing and undertaking a new digital initiative (e.g., value propositions, minimum viable product, business models, strategies).

IAB450 Enterprise Systems Management

Pre-requisites	IAB350
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Enterprise System lifecycle is lengthy and complex. It involves multiple parties; both internal and external to the organisation. During the lifecycle of these complex systems developed by software vendors (e.g. SAP AG., Oracle Corp.) are implemented by software consultants (e.g. Accenture, IBM). The selection of such an application suitable to the organisation involves such activities including: detailed business requirements analysis, request for information, request for quotations, then ultimately leading to the selection of the software packaged. After selecting the ES package, the organisation then implements the software package employing several methodologies and implementation strategies. Understanding of business process improvements & change management are also vital topics of discussions for Enterprise Systems lifecycle management. Once the ES is implemented, the organisation should then monitor its performance through key

performance indicators derived for the organisation.

IFB101 Impact of IT

Anti-requisites	ITD101
Equivalents	INB101
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit investigates the transformational relationship between information technology (IT) and individuals, society and organisations. It focuses on determining and evaluating the impact IT can have from a range of perspectives. By examining contemporary technological advances, students will gain a perspective on their application in social and organisational settings, how they are used to advance social and organisational goals and how IT professionals enable these technologies. Case studies across a variety of domains will link theory with practice, and build your understanding of the depth and breadth of change, both positive and negative, that is driven by information technology. This unit will help inform your future career path and unit selection over the course of your degree.

IFB102 Computer Technology Fundamentals

Anti-requisites	ITD102
Equivalents	IND102
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit develops your knowledge and understanding of computer technology which will support your subsequent learning of IT. This unit covers certain examples of technology but does so in an integrated way which demystifies technology, providing a path to understand computer technology all the way from silicon to the web. The unit focuses on the architecture of computers, networks, and the Web, so that you will be able to understand how these components work and function now and will do so in the future.

IFB103 Designing for IT

Anti-requisites	INB103, IND103, ITD103
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Equivalents	INB182
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

As emerging technologies provide increasing opportunities for innovation, design thinking is becoming a much sought after skill as it provides an effective approach to understand and develop user centred solutions. In this unit, you will be introduced to design thinking as an approach for innovation and problem solving and how to apply this technique to develop IT solutions to real-world problems. Teamwork is introduced and assessed in this unit. You and your team members will pitch your ideas and designs using oral and visual communication skills to gain user and peer feedback. This unit lays the foundational design, communication and teamwork skills that will be integrated and practised through a design project in this unit, your second year (major) and culminating in the final year capstone project.

IFB104 Building IT Systems

Anti-requisites	ITD104
Equivalents	INB104, IND104, ITB001
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This introductory unit gives you practical experience with the various kinds of computer languages used to build IT systems. Modern IT applications are built in a variety of ways ranging from "mash ups" of existing applications, to adding new mobile interfaces on top of legacy enterprise systems, to "scratch" development of entirely new applications. This is done using a wide range of computer languages: programming, scripting, querying, pattern matching, mark-up, user interface, etc. This unit uses small in-class exercises and larger practical assignments to give you hands-on experience with such languages, working both individually and collaboratively. The focus is not on the details of programming per se, but on how technologies are used by IT developers and what they can do.

IFB130 Database Management

Anti-requisites	INN210
Equivalents	IAB130, INB210, IND210, ITB004
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Data management is an essential aspect of all large-scale IT systems and has important applications in many industries (e.g., banking, finance health, education and entertainment). Databases are crucial for ensuring information is available, reliable, secure and able to be used by other applications. This unit introduces the basic knowledge and skills required to manage and control large amounts of data. Students will learn about data representation, manipulation and storage, as well as techniques for processing and retrieving information from databases. The unit assists with the development of critical thinking skills required to design, use and evaluate database systems. It links to key application areas such as health and finance, providing students with the opportunity to apply the knowledge they develop.

IFB299 IT Project Design and Development

Pre-requisites	(IFB103 or INB103 or ITD103 or ENB150 or EGB111) and (CAB201 or ITD121 or IAB201 or ITD122 or INB270)
Equivalent s	INB201
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

In this unit you will combine the knowledge and skills you have developed so far to complete a significant systems development exercise in a team environment. You will extend your ability to work collaboratively and effectively with others from myriad backgrounds, leveraging the different knowledge and skills available in your team, to design and develop solutions that meet real world requirements. The unit will cover topics of IT management and governance.

IFB398 Capstone Project (Phase 1)

Pre-requisites	IFB299 or INB201
Equivalents	CAB398, IAB398
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit gives you the opportunity, under close guidance appropriate to the project, to apply and extend the knowledge and skills gained in your course to date to a substantial project. You will have the opportunity to gain knowledge and skills required for careful planning, scope control and task management to ensure the success of a industry-oriented project. You will undertake critical tasks required in the early stages of a project, such as: initial concept development and feasibility analysis, requirements gathering and analysis, design and project planning. These activities will culminate in the delivery of an initial version of the project deliverable (e.g., software prototype, design document, literature review, environmental scan, research plan, etc.) to stakeholders as a proposal for further development in the unit Capstone Project (Phase 2).

IFB399 Capstone Project (Phase 2)

Pre-requisites	IFB398 or CAB398 or IAB398
Equivalents	CAB399, IAB399
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Building upon the unit IFB398 Capstone Project (Phase 1), this unit gives you the opportunity to apply, under appropriate guidance, the knowledge and skills gained in your course to date to execute the completion of a planned project. In this unit you will apply your disciplinary and professional knowledge and skills to refine and extend the existing deliverable. You will use appropriate quality assurance techniques to ensure you are meeting your stakeholders' needs. You are expected to work professionally to deliver a high quality outcome to project stakeholders. The final product is to be delivered as a professional package that can be used directly by stakeholders and, where appropriate, published for access

Units

by the broader community. In most cases you are expected to carry forward a project from IFB398 and develop it to a high level of polish. Project deliverables will be assessed at the end of the Capstone Project (Phase 1) unit for their suitability to be continued in this unit. It is your responsibility to have a suitable project plan prior to beginning this unit. In situations where you do not have a project from IFB398 to continue into this project you will need to liaise with the IFB399 unit coordinator to find a suitable project to undertake prior to the start of the semester.

IFN001 Advanced Information Research Skills

Credit Points	4
Campus	Gardens Point, Kelvin Grove, Online and External
Availabilities	Gardens Point - SEM-1, SEM-1 (Block), SEM-2, SEM-2 (Block) Kelvin Grove - SEM-1, SEM-1 (Block), SEM-2, SEM-2 (Block) Online - 6TP1, 6TP2, 6TP3, 6TP4, 6TP5, 6TP6 External - SEM-1, SEM-1, SEM-2, SEM-2

IFN001 Advanced Information Research Skills (AIRS) provides a baseline set of research skills preparatory for higher degree research at QUT. The unit assists researchers to be more effective and efficient in the use of information resources, processes and systems. It is offered in blended learning mode via online modules, and supplemented with learning resources, on campus workshops, and Liaison Librarian consultations.

IFN500 Design Thinking for IT

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

As emerging technologies provide increasing opportunities for innovation, design thinking is becoming a much sought after skill as it provides an effective approach to understand and develop user centred solutions. In this unit, you will be introduced to design thinking as an approach for innovation and problem solving and how to apply this

technique to develop IT solutions to real-world problems. This unit features a strong teamwork component. You and your team members will pitch your ideas and designs using oral and visual communication skills to gain user and peer feedback. You will then implement your design proposals, realising several design prototypes, evaluating and refining each throughout the semester. This unit lays the foundational design skills that will be integrated and practised through a design project in this unit, as well as throughout the degree.

IFN501 Programming Fundamentals

Equivalents	INN270
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

In this unit you will learn the core theoretical underpinnings of programming and how these are applied in modern programming languages to implement software systems. You will learn how to design solutions to problems that can be implemented in a programming language. You will gain practical experience designing and implementing solutions to small problems in an appropriate programming language. Modern IT systems work in many different environments (e.g., mobile, desktop, cloud, web) and are built using a range of different techniques (e.g., programming, scripting, querying, mash ups, mark up). In this unit you will gain practical experience implementing solutions with a small selection of these environments and techniques. You will be introduced to database management concepts. This experience will give you the foundation knowledge to work effectively as an IT professional and to go on to further programming courses in the degree.

IFN502 IT Innovation and Disruption

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides a discourse on the impact of technology across a range of contexts and then provides some guidance on how technology may be evaluated by those responsible for its conception, development and

deployment. This overarching view of technology in its different contexts is operationalised in later technical subjects whereas advanced management subjects will provide greater breadth in strategizing the use of technology in context.

IFN503 Fundamentals of Computer Systems

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This transition unit assumes you have limited technical background in computer systems. You will learn the core concepts about hardware, operating systems and network environments. This will provide you with a sound foundation to take more advanced units that assume an understanding of these details. While the knowledge gained in this unit is valuable for all IT professionals it will be of particular importance in the Computer Science, Data Science, Networks, and Security majors.

IFN504 Corporate Information Systems

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Information systems form the backbone of a corporate IT landscape, which integrates software (such as Cloud-hosted application services, mobile apps, Web sites) and hardware infrastructure (like for user interactions, data storage, environmental sensing, computational number crunching, and network connectivity). Organisations deploy information systems to implement new business models, rejuvenate their product and services portfolio, answer competitive threats, and improve their environmental, financial, or social sustainability and other purposes. In this unit, students are introduced to information systems in a corporate setting. In a case-based manner, students learn how to combine and deploy information technology components to form corporate systems, supporting newly conceived business cases. This unit introduces key IT concepts, related to prevalent and emerging trends in corporate information systems.

IFN505 Analysis of Programs

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit covers some of the foundational theory underlying the discipline of computer programming. Programming emerged from applied mathematics; computer programs have a 'semantic' basis founded in predicate logic and have predictable run-time performance. This unit explains various aspects of program semantics and how this knowledge can be used to reason about the properties of computer program code.

IFN507 Network Systems

Anti-requisites	INN350, INN251, INN351
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This introductory network unit provides you with fundamental skills and knowledge in network architectures, protocols, functions, components, and models of the Internet. It will also provide the core skills needed to continue on to more advanced network and security units in your major.

IFN509 Data Manipulation

Anti-requisites	INN342, INN343
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

There is an increasing demand in the ability to process data at scale to extract insights and understanding to inform decision making processes. Data Science methods and techniques are a scientific approach to the provision of such insights. Critical to Data Science are computational and modelling methods for the manipulation of data. This unit will cover the fundamentals of data manipulation, representation and analytics and how methods and techniques in these areas should be used to solve Data Science problems. This foundational unit will provide you with the necessary skills and knowledge to pursue Data Science related studies, along with

an understanding of Data Science and Big Data challenges.

IFN511 Security Management

Anti-requisites	INN255
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Information security is about protecting information and the systems that use, store and transmit information. This unit provides a foundation for understanding the field of information security, including information security goals, the threats to information assets, the associated risks, and best-practice approaches to managing information security. This unit is important in developing an understanding of the challenges involved in providing appropriate protection for organizational information assets.

IFN515 Fundamentals of Business Process Management

Anti-requisites	INN321
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit provides an in-depth introduction to the management of business processes. It walks you through the fundamental stages of a typical business process management project, from process identification, to monitoring, covering along the way process modelling, analysis, redesign and automation.

IFN600 Understanding Research

Anti-requisites	ENN541
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit will introduce you to the role of research in professional settings. It will provide you with an opportunity to explore the application of research principles and methods within the context of your professional practice. In particular, the unit explores how research has a vital role to play in decision-making, problem solving, innovation and development as

well as ethical and professional practice.

IFN610 Management Issues for Information Professionals

Anti-requisites	INB331
Equivalents	INN331, ITN274
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

The ability to understand and apply management principles and consider how they contribute to the operation of organisations and enterprise environments is vital for the contemporary informational professional. You will be introduced to a range of management issues such as strategic planning, leadership, change management, innovation management, and human resources planning. You will also develop an understanding of the core functions of planning, organising, directing, and controlling in the dynamic internal and external environments in which organisations operate.

IFN611 Information Retrieval

Equivalents	INN332
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

The ability to understand how people seek and use information and the skill to quickly learn and expertly use new information resources and concepts is vital for the contemporary library and information professional. You will develop an understanding of the information environment from the human perspective through information theory including information behaviour, information literacy and information experience. You will also develop an understanding of the technological perspective including through developing your skills in identifying, accessing, evaluating and retrieving information resources to meet specific needs.

IFN612 Emerging Technologies for Information Practice

Anti-requisites	INN333
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This unit will introduce you to a range of emerging technologies and technology concepts. It will provide you with an opportunity to explore the applications of these in information services environments. In particular, the unit explores social technologies and how they can be used to support user participation.

IFN614 Information Programs

Anti-requisites	INN333
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This unit explores trends and issues in contemporary information program, product and service delivery. It provides you the opportunity to explore a range of different programs, products and services including those typically delivered in libraries (including public, academic and special libraries), other collecting institutions, information organisations, and organisational units that support the use of information in organisations.

IFN615 Information Management

Anti-requisites	INB330
Equivalents	INN330, ITN266
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

The field of information management (IM) has emerged from a number of disciplines. However in a business context, the strategic management of information enables organisations to leverage value from information resources, supports the creation and sharing of knowledge; and it encourages

good governance.

IFN616 Online Information Services

Equivalents	INN530, ITN278
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This unit introduces you to a broad range of topics related to the design, delivery and evaluation of online information services. The unit focuses on development of skills and knowledge related to creating, managing and describing web content in a variety of formats. This unit has a strong focus on developing skills related to communicating, collaborating and investigating in online environments. The unit draws on relevant theory and current practice, providing you with an opportunity to develop broad and deep knowledge about topics in web service delivery.

IFN617 Managing and Organising Collections

Equivalents	INN533
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

Developing, managing and organising dynamic and relevant collections is an exciting challenge for contemporary information professionals. This unit provides students with a grounding in theory and taking a practical approach. You will undertake a user needs analysis, develop a pilot collection, and create a prototype database in which the collection is described for retrieval and access by users.

IFN620 Professional Practice

Equivalents	INN632-6, INN634, ITN280
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1

External
- SEM-1

This unit has been developed as an overarching unit in the Master of Information Science (Library and Information Studies) program, to establish meaningful links between the various units of study and to introduce you to contemporary professional practice in information agencies. The unit focuses on your own personal and professional development, enabling you to participate in industry seminars, fieldtrips, work placements and career mentoring. The development of your understanding of reflective practice will help you build your own Student ePortfolio to document your insights into and your experiences in the information profession.

IFN641 Advanced Network Management

Anti-requisites	INN650
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The aim of this unit is to provide you with a deep understanding of the advanced technical issues pertaining to the management of organisational networks of various sizes. You will use the Unix environment as the learning platform for attaining additional technical skills and for the enhancement of existing problem solving skills necessary to be a successful network administrator or manager.

IFN642 Applied Cryptography and Network Security

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

We are increasingly dependent on IT systems, often interconnected, for storage and transmission of information. However, there are many threats to information security. This unit will provide an in-depth understanding of modern cryptographic algorithms and their application to provide practical security services such as confidentiality, integrity assurance and authentication of entities. These services are important in addressing the security of information, particularly in networked systems; including IT networks, web services, and

mobile and wireless systems. This unit will investigate the application of cryptographic techniques to protect information in modern network security scenarios.

IFN643 Computer System Security

Anti-requisites	INN550, INN651
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Computers running vast variety of operating systems, tools and applications have become indispensable ingredients of our daily lives. However, current threat reports show that there are over 100 million malwares which exploit the security vulnerabilities on these computer systems and threaten the privacy of individuals and organizations in their daily activities. The aim of this unit is to provide a broad overview of computer system security covering operating systems, applications and software development. In this unit, you will learn how to analyse, design, and build secure computer systems and secure applications to limit the availability and impact of security vulnerabilities. You will develop skills to identify and use suitable methods to detect, mitigate and perform forensic analysis on an attacked or compromised computer system.

IFN645 Data Mining Technology and Applications

Equivalents	INN342
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Data mining has been used intensively and extensively in many organizations around the globe as an efficient method of finding useful knowledge about their customers and business processes. It has been applied in many fields of business, industry and science to discover new knowledge. It is an exciting new field that combines databases, machine learning, artificial intelligence, high performance computing, and visualisation. The astronomical amount of data generated by organisations, and the application thereof, is too complex and voluminous to be processed and analyzed by traditional

methods. Data mining provides the technology to transform huge amounts of data into useful information for decision making. This unit will cover the concepts necessary to understand data mining techniques and apply them in various application settings.

IFN647 Advanced Information Storage and Retrieval

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides you with an understanding of the principles and techniques underlying the development of information storage and retrieval (IS&R) solutions to some of the varied and complex problems that involve heterogeneity of data (structured, unstructured, text, image, speech, genomics, etc.), with very large amounts of data. Specifically, this unit introduces advanced structures for the representation of data for efficient representation, storage and retrieval that are imposed by modern very large and web-scale systems and varied interaction modes of users. The unit also provides you with practical experience of using hands-on tools to solve real-world problems using IS&R methods. Through this study, you will be able to demonstrate the knowledge and skills for developing IS&R solutions to complex IS&R tasks.

IFN650 Business Process Analytics

Pre-requisites	IFN515
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Business Process Analytics introduces you to a number of state-of-the-art business process intelligence techniques that can be used at different stages of a business process management life cycle. In particular, the unit focuses on techniques that can be applied as a prelude to process execution as well as techniques that can be used to analyse historical process data. You will be exposed to a set of tools, techniques and methods to analyse different perspectives of business processes.

IFN651 Lean Six Sigma

Pre-requisites	IFN515. IFN515 can be studied in the same semester as IFN651.
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces the Lean Six Sigma methodology for improving Business Processes. You will learn how to combine statistical analysis techniques from Six Sigma with the principles of Lean Management, and apply these in the context of a Business Process Management (BPM) initiative. Hands-on case studies will provide you with direct exposure to common process issues that can be fixed through the application of Lean Six Sigma. The goal of this unit is to broaden and deepen your knowledge about different process improvement methodologies and their application to real-world business problems.

IFN652 Enterprise Business Process Management

Pre-requisites	IFN515
Equivalents	INN327
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit will provide an overview about all factors that impact the enterprise-wide deployment of Business Process Management (BPM). The unit will follow the six factors of a BPM maturity model and cover the impact of emerging technologies in the design and management of business processes.

IFN660 Programming Language Theory

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces the theory underlying computer programming language implementations. It explains how human-readable computer program code is translated into machine-executable instructions, and thereby helps understand the rationale for the design of various programming language features, the commonality between such languages, and the functions and

limitations of program development environments.

IFN661 Mobile and Pervasive Systems

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Smart phones, smart watches, and wearable sensors are commonplace with most adults in the OECD countries having multiple devices. Machines and components of machines are now equipped with 'intelligence', allowing machine to machine, machine to person and machine to computer connection. We live and work in the Internet of Things that can automate or support context aware processes, creating the Internet of Everything. This unit prepares you for this environment and develops your skills in designing products and applications that use these mobile and pervasive systems including sensors and smart devices. It provides a broad overview of pervasive computing, communication and security technologies. You will analyse real systems to understand and critically evaluate their design and you will analyse real-life problems and, develop innovative solutions to a problems found in domains such as transport, health, buildings, and defence. This advanced unit serves as a stepping stone to further specialised graduate studies in networks, security, data sciences, computer science and user experience and can be the basis for a project (IFN701 or IFN702).

IFN662 Enterprise Systems and Applications

Equivalents	INN312
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces fundamentals of Enterprise Systems (also referred to as ERP systems) configuration. It uses the market leading SAP Enterprise System as the example to demonstrate how organizations could adopt packaged Enterprise Systems to its organizational and user requirements. It builds on your existing knowledge and skills in business information systems, organisational structures and modelling, which can be acquired through the Corporate

Information Systems unit.

IFN663 Advanced Enterprise Architecture

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides an advanced understanding of Enterprise Architecture (EA), addressing the ways in which EA is used to improve organisations through their business and IT strategy developments. You will be exposed to the principles of enterprise architecture, contrasting these with the concerns of modelling, design and solution architecture of individual systems. You will be taught the key activities of developing an EA, and how these relate to the ways in which companies undertake business and IT planning. Following from this, you will gain proficiency at developing different parts of an EA, based on The Open Group Architecture Framework (TOGAF) and state-of-the-art architecture development techniques. This will cover the capture of organisational capabilities and the different artefacts of enterprises, including business services, processes, information and resources. The EA methodology will be linked to the Blue Ocean Strategy, and students will explore different ways in which strategic planning problems can be translated into EA approaches.

IFN665 Advanced Topic 1

Pre-requisites	IFN600
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This advanced level unit offers the opportunity to undertake an in-depth examination of an advanced topic to acquire expertise in a discipline area. The skills gained in this unit are developed and refined through activities relevant to the discipline and topic. Such skills are essential to effectively take your place as an emerging expert in your discipline area.

IFN680 Advanced Topics in Artificial Intelligence

Credit Points	12
Campus	Gardens Point

Availabilities

Gardens Point
- SEM-2

This unit provides you with an understanding of the principles and techniques underlying the development of artificial intelligence solutions to complex problems that involve uncertainty, noise or ever-changing context. It will explore selected topics such as uncertain reasoning, decision making, and machine learning. Specifically, this unit introduces the concepts and techniques of Bayes rule and inference, probabilistic reasoning, decision networks and making complex decisions, learning from examples, and reinforcement learning. The unit also provides you with practical experience of using hands-on tools to solve real-world problems using computational intelligence methods. Through this study, you will be able to demonstrate the knowledge and skills for developing artificial intelligence solutions to complex problems such as classification, prediction, and optimization problems.

IFN690 Advanced User Centred Design

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Theories and frameworks help us to understand how people interact with computers and devices and with other people. In particular, theories that are well grounded in studies of the contexts and cultures of human interaction give us ideas for how to design for those contexts and cultures. This unit introduces various theories and frameworks of human-computer interaction and recognizes the significance of theory for designing human-computer interaction. You will critically discuss and evaluate human-computer interaction theories. You will establish a reflective practice of observation, questioning, design intervention and evaluation. This practice will support you to use human-computer interaction theories in the workplace to support effective work and to guide effective user-centred design and research.

IFN691 Gamification and Persuasive Computing

Credit Points	12
Campus	Gardens Point

Availabilities	Gardens Point - SEM-2
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The unit builds upon theories of human-computer interaction, game design and psychology in the development of technology designed to change attitudes and behaviours through persuasion and social influence. The unit focuses on gamification (i.e. the application of game elements and game design techniques to non-game problems) as a mechanism for addressing business and social challenges.

IFN695 Minor Project

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit enables you to carry out an independent Work Integrated Learning (WIL) project addressing a research question or practical problem in theoretical or practical information technology.

IFN700 Project Management

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

IT projects consist of design, development and implementation of novel systems as well as the implementation of commercial, off the shelf package solutions, and the deployment of system upgrades to the technical infrastructure and the application landscape. The majority of information technology (IT) and organisational change initiatives, such as systems developments and implementations, as well as organisational restructures are introduced into organizations through projects, and the success of these projects depends on their effective management. This unit introduces you to a range of traditional and contemporary approaches and develops skills to select which approach is best suited for the particular project and its context. Agile project management will be covered in-depth, as an example of a contemporary approach to project management that is commonly employed when developing IT systems. Agile project management values, principles and practices that you learn in this unit are transferable to other project management approaches.

IFN701 Project 1

Pre-requisites	IFN600 and completion of 48cp in the current masters course including one '600' series unit in the area of the project.
Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The aims of this unit are to help you apply skills previously attained in your degree to an advanced problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also expects you to prepare a well-written project report and prepare and deliver an oral presentation of the results of your project to a technical audience.

IFN702 Project 2

Pre-requisites	IFN701 and completion of 48cp in the current course, including one other '600' series project related unit. IFN701 can be enrolled in the same teaching period as IFN702
Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The aims of this unit are to help you apply skills previously attained in your degree to an advanced problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also expects you to prepare a well-written project report and prepare and deliver an oral presentation of the results of your project to a technical audience.

IFN705 Project 1

Pre-requisites	IFN600 and completion of 48cp in the current masters course including one IFN601-IFN699 unit in the area of the project.
Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The aims of this unit are to help you apply skills previously attained in your degree to

an advanced problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also expects you to prepare a well-written project report and prepare and deliver an oral presentation of the results of your project to a technical audience.

IFN706 Project 2

Pre-requisites	IFN705 and completion of 48cp in the current course, including one IFN601-IFN699 project related unit. IFN705 can be enrolled in the same teaching period as IFN706
Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The aims of this unit are to help you apply skills previously attained in your degree to an advanced problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also expects you to prepare a well-written project report and prepare and deliver an oral presentation of the results of your project to a technical audience.

IFT601 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT602 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT603 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove

Units

- R1, R2

IFT611 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT612 Thesis

Credit Points	0
Campus	Kelvin Grove and Gardens Point
Availabilities	Kelvin Grove - R1, R2 Gardens Point - R1, R2

IFT613 Thesis

Credit Points	0
Campus	Kelvin Grove and Gardens Point
Availabilities	Kelvin Grove - R1, R2 Gardens Point - R1, R2

IFT614 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT615 Thesis

Credit Points	0
Campus	Kelvin Grove and Gardens Point
Availabilities	Kelvin Grove - R1, R2 Gardens Point - R1, R2

IFT621 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT622 Thesis

Credit Points	0
Campus	Kelvin Grove and Gardens Point
Availabilities	Kelvin Grove - R1, R2 Gardens Point - R1, R2

IFT631 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT632 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT633 Thesis

Credit Points	0
Campus	Kelvin Grove and Gardens Point
Availabilities	Kelvin Grove - R1, R2 Gardens Point - R1, R2

IFT634 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT635 Thesis

Credit Points	0
Campus	Kelvin Grove and Gardens Point
Availabilities	Kelvin Grove - R1, R2 Gardens Point - R1, R2

IFT636 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT637 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT641 Thesis

Credit Points	0
Campus	Kelvin Grove and Gardens Point
Availabilities	Kelvin Grove - R1, R2 Gardens Point - R1, R2

IFT661 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT662 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT663 Thesis

Credit Points	0
Campus	Kelvin Grove and Gardens Point
Availabilities	Kelvin Grove - R1, R2 Gardens Point - R1, R2

IFT664 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT683 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT696 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT665 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT691 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT801 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT667 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT692 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT802 Thesis

Credit Points	0
Campus	Kelvin Grove and Gardens Point
Availabilities	Kelvin Grove - R1, R2 Gardens Point - R1, R2

IFT671 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT693 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT803 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT681 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT694 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT811 Thesis

Credit Points	0
Campus	Kelvin Grove and Gardens Point
Availabilities	Kelvin Grove - R1, R2 Gardens Point - R1, R2

IFT682 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT695 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT812 Thesis

Credit Points	0
Campus	Kelvin Grove and Gardens Point
Availabilities	Kelvin Grove - R1, R2 Gardens Point - R1, R2

IFT813 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT832 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT841 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT814 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT833 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT861 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT815 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT834 Thesis

Credit Points	0
Campus	Kelvin Grove and Gardens Point
Availabilities	Kelvin Grove - R1, R2 Gardens Point - R1, R2

IFT862 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT821 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT835 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT863 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT822 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT836 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT864 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT831 Thesis

Credit Points	0
Campus	Kelvin Grove and Gardens Point
Availabilities	Kelvin Grove - R1, R2 Gardens Point - R1, R2

IFT837 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT865 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT867 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT871 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT881 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT882 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT883 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT891 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT892 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT893 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT894 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - R1, R2 Kelvin Grove - R1, R2

IFT895 Thesis

Credit Points	0
Campus	Kelvin Grove and Gardens Point
Availabilities	Kelvin Grove - R1, R2 Gardens Point - R1, R2

IFT896 Thesis

Credit Points	0
Campus	Kelvin Grove and Gardens Point
Availabilities	Kelvin Grove - R1, R2 Gardens Point - R1, R2

IFX000 International Exchange - Interim unit

Credit Points	48
Campus	External
Availabilities	External - XCH-2

IFX001 International Exchange - Science and Engineering**Discipline**

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX002 International Exchange - Science and Engineering**Discipline**

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX003 International Exchange - Science and Engineering**Discipline**

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX004 International Exchange - Science and Engineering**Discipline**

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX005 International Exchange - Science and Engineering**Discipline**

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

Units

IFX006 International Exchange - Science and Engineering Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX013 International Exchange - Information Technology and Mathematics Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX018 International Exchange - Information Technology and Mathematics Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX007 International Exchange - Science and Engineering Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX014 International Exchange - Information Technology and Mathematics Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX021 International Exchange - Environmental Studies Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX008 International Exchange - Science and Engineering Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX015 International Exchange - Information Technology and Mathematics Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX022 International Exchange - Environmental Studies Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX011 International Exchange - Information Technology and Mathematics Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX016 International Exchange - Information Technology and Mathematics Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX023 International Exchange - Environmental Studies Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX012 International Exchange - Information Technology and Mathematics Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX017 International Exchange - Information Technology and Mathematics Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX024 International Exchange - Environmental Studies Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

Units

IFX025 International Exchange - Environmental Studies

Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

Availabilities

External
- XCH-2

XCH-2

IFX033 International Exchange - Science and Engineering

Discipline

Credit Points	12
Campus	External
Availabilities	External - XCH-2

IFX105 International Exchange - Creative Arts Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX026 International Exchange - Environmental Studies

Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX034 International Exchange - Science and Engineering

Discipline

Credit Points	12
Campus	External
Availabilities	External - XCH-2

IFX106 International Exchange - Creative Arts Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX027 International Exchange - Environmental Studies

Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX101 International Exchange - Creative Arts Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX107 International Exchange - Creative Arts Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX028 International Exchange - Environmental Studies

Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX102 International Exchange - Creative Arts Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX108 International Exchange - Creative Arts Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX031 International Exchange - Science and Engineering

Discipline

Credit Points	12
Campus	External
Availabilities	External - XCH-2

IFX103 International Exchange - Creative Arts Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX111 International Exchange - Architecture Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX032 International Exchange - Science and Engineering

Discipline

Credit Points	12
Campus	External

IFX104 International Exchange - Creative Arts Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1,

IFX112 International Exchange - Architecture Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1,

Units

XCH-2

IFX113 International Exchange - Architecture Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

XCH-2

IFX201 International Exchange - Health Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

XCH-2

IFX207 International Exchange - Health Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX114 International Exchange - Architecture Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX202 International Exchange - Health Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX208 International Exchange - Health Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX115 International Exchange - Architecture Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX203 International Exchange - Health Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX211 International Exchange - Nursing Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX116 International Exchange - Architecture Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX204 International Exchange - Health Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX212 International Exchange - Nursing Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX117 International Exchange - Architecture Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX205 International Exchange - Health Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX213 International Exchange - Nursing Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX118 International Exchange - Architecture Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1,

IFX206 International Exchange - Health Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1,

IFX214 International Exchange - Nursing Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1,

Units

XCH-2

IFX215 International Exchange - Nursing Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX216 International Exchange - Nursing Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX217 International Exchange - Nursing Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX218 International Exchange - Nursing Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX301 International Exchange - Business Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX302 International Exchange - Business Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1,

XCH-2

IFX303 International Exchange - Business Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX304 International Exchange - Business Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX305 International Exchange - Business Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX306 International Exchange - Business Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX307 International Exchange - Business Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX308 International Exchange - Business Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1,

XCH-2

IFX311 International Exchange - Humanities and Literature Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX312 International Exchange - Humanities and Literature Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX313 International Exchange - Humanities and Literature Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX314 International Exchange - Humanities and Literature Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX315 International Exchange - Humanities and Literature Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

Units

IFX316 International Exchange - Humanities and Literature Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX317 International Exchange - Humanities and Literature Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX318 International Exchange - Humanities and Literature Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX321 International Exchange - Business Discipline (PG)

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX322 International Exchange - Business Discipline (PG)

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX323 International Exchange - Business Discipline (PG)

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External

	- XCH-1, XCH-2
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IFX324 International Exchange - Business Discipline (PG)

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX325 International Exchange - Business Discipline (PG)

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX326 International Exchange - Business Discipline (PG)

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX327 International Exchange - Business Discipline (PG)

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX328 International Exchange - Business Discipline (PG)

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX401 International Exchange - Law Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External

	- XCH-1, XCH-2
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IFX402 International Exchange - Law Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX403 International Exchange - Law Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX404 International Exchange - Law Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX405 International Exchange - Law Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX406 International Exchange - Law Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX407 International Exchange - Law Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External

Units

- XCH-1,
XCH-2

XCH-2

IFX408 International Exchange - Law Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX411 International Exchange - Behavioural Science, Social Studies and Human Movement Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX412 International Exchange - Behavioural Science, Social Studies and Human Movement Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX413 International Exchange - Behavioural Science, Social Studies and Human Movement Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX414 International Exchange - Behavioural Science, Social Studies and Human Movement Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1,

IFX415 International Exchange - Behavioural Science, Social Studies and Human Movement Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX416 International Exchange - Behavioural Science, Social Studies and Human Movement Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX417 International Exchange - Behavioural Science, Social Studies and Human Movement Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX418 International Exchange - Behavioural Science, Social Studies and Human Movement Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX501 International Exchange - Education Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX502 International Exchange - Education Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX503 International Exchange - Education Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX504 International Exchange - Education Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX505 International Exchange - Education Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX506 International Exchange - Education Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX507 International Exchange - Education Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFX508 International Exchange - Education Discipline

Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

IFZ448 Thesis

Credit Points	48
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-1, SEM-2, SUM

IFZ515 Fundamentals of Business Process Management

Anti-requisites	INN321
Credit Points	12
Campus	Gardens Point and Online
Availabilities	Gardens Point - SEM-1 (Block), SEM-2 (Block) Online - SEM-1, SEM-2

This unit provides an in-depth introduction to the management of business processes. It walks you through the fundamental stages of a typical business process management project, from process identification, to monitoring, covering along the way process modelling, analysis, redesign and automation.

IFZ650 Business Process Analytics

Pre-requisites	IFZ515
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2 (Block)

Business Process Analytics introduces you to a number of state-of-the-art business process intelligence techniques that can be used at different stages of the Business Process Management lifecycle. In particular, the unit focuses on techniques that can be applied as a prelude to process execution as well as techniques that can be used to analyse historical process data. You will be exposed to a set of tools, techniques and methods to analyse different perspectives

of business processes.

IFZ651 Lean Six Sigma

Pre-requisites	IFZ515. IFZ515 can be studied in the same semester as IFZ651.
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1 (Block)

This unit introduces the Lean Six Sigma methodology for improving Business Processes. You will learn how to combine statistical analysis techniques from Six Sigma with the principles of Lean Management, and apply these in the context of a Business Process Management (BPM) initiative. Hands-on case studies will provide you with direct exposure to common process issues that can be fixed through the application of Lean Six Sigma. The goal of this unit is to broaden and deepen your knowledge about different process improvement methodologies and their application to real-world business problems.

IFZ652 Enterprise Business Process Management

Pre-requisites	IFZ515
Anti-requisites	INN327
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2 (Block)

This unit will provide an overview about all factors that impact the enterprise-wide deployment of Business Process Management (BPM). The unit will follow the six factors of a BPM maturity model and cover the impact of emerging technologies in the design and management of business processes.

IFZ695 Minor Project

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1 (Block), SEM-2 (Block)

This unit enables you to carry out an independent Work Integrated Learning (WIL) project addressing a research question or practical problem in theoretical or practical information technology.

IFZ948 Thesis

Credit Points	48
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

IGB100 Game Studio 1: Mini-Game Development

Pre-requisites	IFB103 or ITD103
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

In this unit you will engage in the tasks that designers and developers carry out in order to create engaging game experiences. You will apply your emerging discipline expertise, as well as explore different game development roles, to create Mini Games that utilise simple game mechanics and rules.

IGB180 Computer Games Studies

Anti-requisites	INN180
Equivalents	INB180
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit is designed to give you a clear understanding of the socio-cultural issues that affect the computer game industry. Through critical review of games and games industry literature, playing games and actively participating in classroom discussion you will develop your capacity to join in the discourse about the design, impact and future direction of computer games in our society.

IGB181 Game Production and Technology

Anti-requisites	INN181
Equivalents	INB181
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides foundational knowledge about the development processes, project management strategies and game

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development technologies used in the games industry. The unit focuses on the processes from game design through to project management and release within the context of the technologies used. It covers the essential phases within the game/interactive environment development process and life cycle.

IGB200 Game Studio 2: Applied Game Development

Pre-requisites	IGB100 and (IGB180 or INB180)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

In this unit you will develop a digital game-based experience based on a defined design brief. You will work in teams to create this interactive experience, applying your discipline expertise and emerging project management skills. You will employ an agile development process that allows for evaluation of the emerging product.

IGB220 Fundamentals of Game Design

Pre-requisites	IGB180 or INB180
Equivalents	INB280
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Modern games production is a complex process involving various businesses and organisations, working with budgets in the tens of millions. One of the roles within a game production team is that of the game designer. It is crucial that a game designer understands how to create a game world, the rules that govern game play and other high level design tasks. This subject provides an introduction to game design, by starting with high level conceptual design tasks before moving to more concrete tasks.

IGB283 Game Engine Theory and Application

Pre-requisites	CAB201 and (IGB181 or IFB102). CAB201 can be studied in the same teaching period as IGB283
Anti-	INB381

requisites	
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides a theoretical foundation for the development and use of games engine technology. The unit focuses on educating students about mathematical theory via a programming perspective. It covers mathematics essential to understanding the operations of a game engine as it visually synthesises a 3D virtual world.

IGB300 Capstone Project (Game Design)

Pre-requisites	IGB200
Anti-requisites	INB379
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides you the opportunity to consolidate your game design and development skills. You will work in a team to design an engaging interactive experience. The process will be underpinned by an agile project management process, allowing iterative and rapid refinement of design ideas.

IGB301 Capstone Project (Game Development)

Pre-requisites	IGB300
Anti-requisites	INB380
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides you the opportunity to consolidate your game design and development skills. You will work in a team to develop an engaging interactive experience. The process will be underpinned by an agile project management process, allowing iterative and rapid refinement of the emerging product.

IGB320 Game Design in Different Contexts

Pre-requisites	IGB220 or INB280
Anti-requisites	INN180

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The unit builds upon theories of human-computer interaction, game design and psychology in the development of technology designed to change attitudes and behaviours through persuasion and social influence. The unit focuses on gamification (i.e. the application of game elements and game design techniques to non-game problems) as a mechanism for addressing business and social challenges.

IGB321 Immersive Game Level Design

Pre-requisites	IGB220 or INB280
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Modern games production is a complex process involving teams in the order of a hundred people or more, working with budgets in the tens of millions. One of the roles within a game production team is that of the level designer. It is crucial that the level designer has the ability to lay out levels, construct levels within game engines, plan gameplay scenarios and place non-player characters. This unit will help students develop these abilities as well as skills such as building terrain, building architecture and spaces; balancing gameplay; integrating narrative elements and goals; playtesting and implementing iterative design improvements; designing lighting and atmospheric effects and other genre-specific level design skills.

IGB381 Game Engine Technology

Pre-requisites	(CAB301 or INB371) and IGB283
Equivalents	INB382
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides a foundation in the use of game engine technology, with a special focus on the programmatic generation of advanced 3D computer graphics.

IGB383 AI for Games

Pre-requisites	CAB301 and IGB283
Equivalents	INB383
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The aim of this unit is to provide students with an intermediate to advanced level course in computer game AI, involving computational approaches to solving a wide range of problems in the interactive entertainment and game industries.

IGB400 Game Studio 3: Game Innovation

Pre-requisites	IGB300
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides you with the opportunity to investigate an innovation in game development. You will work individually, extending on your domain expertise to identify and explore a unique area of interest. The outcome from the project is dependent the project scope (e.g., new software/technology, design method, play experience).

INB306 Project 1

Pre-requisites	INB101, INB102, INB103, INB104 and (INB201 or IFB299)
Equivalents	ITB230
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit gives you the opportunity to apply, under appropriate guidance, the knowledge and skills gained in your course to date and to execute a substantial development project. The ability to apply technical knowledge and skills to real-life situations is essential for information technology professionals. A substantial project, under academic supervision, will develop your initiative and ability to apply your knowledge and skills in a professional capacity. Completing the project will also enable you to appreciate the complementary nature of the course material in total,

particularly the need for careful project management.

INB307 Project 2

Equivalents	ITB791
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit gives you the opportunity to apply, under appropriate guidance, the knowledge and skills gained in your course to date and to execute a substantial development project. The ability to apply technical knowledge and skills to real-life situations is essential for information technology professionals. A substantial project, under academic supervision, will develop your initiative and ability to apply your knowledge and skills in a professional capacity. Completing the project will also enable you to appreciate the complementary nature of the course material in total, particularly the need for careful project management.

INB309 Major Project

Pre-requisites	INB309-1 (can be enrolled in the same teaching period)
Anti-requisites	ITB844
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit gives you the opportunity to apply, under appropriate guidance, the knowledge and skills gained in your course to date and to execute a substantial development project over two semesters. The ability to apply technical knowledge and skills to real-life situations is essential for information technology professionals. A substantial project, under academic supervision, will develop your initiative and ability to apply your knowledge and skills in a professional capacity. Completing the project will also enable you to appreciate the complementary nature of the course material in total, particularly the need for careful project management.

INN700 Introduction to Research

Pre-requisites	Admission into IT28 or IT29
Anti-requisites	ENN541

Equivalents	ITN100
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit is aimed at students undertaking a major research project (see corequisites above). In order to pursue such a project, you must have some insight into the range of possible approaches to research available. Before commencing the research proper, it is necessary to review related literature in depth and prepare a detailed proposal outlining the research question, design and project plan. Quality control and good project management must be exercised throughout the research project. Main items of assessment pertain to each student's unique, research project being pursued in parallel. This unit aims to give you insight into the range of possible approaches to research, to develop the skills needed to prepare your literature review and research proposal and to assist you in planning and managing time and resources.

INN701 Advanced Research Topics

Pre-requisites	INN700 which can be studied in the same teaching period as INN701
Anti-requisites	ENN541
Equivalent s	ITN269
Other requisites	Except with special permission, this unit is restricted to and mandatory for students enrolled in Honours, Professional Doctorate and PhD courses, and is optional for Research Masters students.
Assumed Knowledge	INN700 may be waived for invited, advanced, high-performing undergraduate students
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

All research students need an appreciation of a wide variety of potential approaches to conducting research and an understanding of the key issues that bear on such approaches. INN701 is an

advanced unit aimed at research students who are soon to complete a detailed, rigorous and defensible design of their intended research project (e.g. Stage 2). Research students, coursework masters students and honours students intending undertaking a major research project should pursue INN701 either subsequent to, or in parallel with INN700.

ITD101 Impact of IT

Anti-requisites	IFB101
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

It is important for IT professionals to understand the impact that information technology has had, and will continue to have, in every facet of people's lives, in the way that organisations conduct business, and in the changing characteristics of societal structure. Whether you aspire to be a software developer, a business analyst, a network engineer, a games designer, or any other IT specialist, you will require a basic understanding of how information technology influences and shapes the environments in which people live, work and play. They need to understand how this impact motivates the decisions of businesses and government institutions. The Impact of IT is experienced across a range of applications, systems, devices and services, and an informed understanding of this impact is critical to the success of future IT developments. This unit provides you with the foundations to become a considered and ethical professional. The theme of the impact of IT and your responsibility as a professional will continue to be considered in your degree course.

ITD102 Computer Technology Fundamentals

Anti-requisites	IFB102
Equivalents	INB102
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

Computers, networks and the web are ubiquitous and underpin all information technology. You need a general understanding of these technologies and their relationships in order to effectively participate in the IT industry and as basis

for further learning. This unit provides a technological underpinning to subsequent computing units which cover: programming, the Web, software architecture and computer systems.

ITD103 Designing for IT

Anti-requisites	IFB103
Equivalents	INB182
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

As emerging technologies provide increasing opportunities for innovation, design thinking is becoming a much sought after skill as it provides an effective approach to understand and develop user centred solutions. In this unit, you will be introduced to design thinking as an approach for innovation and problem solving and how to apply this technique to develop IT solutions to real-world problems. Teamwork is introduced and assessed in this unit. You and your team members will pitch your ideas and designs using oral and visual communication skills to gain user and peer feedback. This unit lays the foundational design, communication and teamwork skills that will be integrated and practised through a design project in this unit, your second year (major) and culminating in the final year capstone project.

ITD104 Building IT Systems

Anti-requisites	IFB104
Equivalents	ITB001, INB104
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

Modern IT systems are built using a wide range of technologies such as programming and scripting languages, databases, web interfaces, etc. This introductory unit gives you hands-on experience with a variety of the computer languages used to build IT systems as well as a basic understanding of the way computer language code is written. This provides a firm foundation for further study on specific kinds of programming, such as networking, embedded systems, artificial intelligence, etc. Even if you do not intend to pursue computer programming as a vocation, it is important that you are exposed to programming

languages and understand how IT systems are actually built, to give you an appreciation of both the capabilities and practical limitations of the process. These concepts can be extended further in subsequent programming units in the Computer Science Major and application design and development units in the Information Systems Major.

ITD121 Programming Principles

Pre-requisites	ITD104 or IND104
Anti-requisites	CAB201
Equivalents	INB270
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

This unit gives you a positive introduction to modern programming concepts and techniques. Although some theoretical aspects of programming are covered in lectures, the overall emphasis of the unit is to learn programming concepts and related problem-solving strategies through an exploratory problem based approach. Through this means, you will be building abstractions with procedures, data and objects, thereby designing, coding and debugging programs of increasing complexity. The unit gives you the foundation for subsequent programming courses within the Computer Science major

ITD122 Modelling Information Systems

Anti-requisites	IAB201
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

As an Information Systems practitioner, essential skills are modelling and abstraction which you use to understand the problem in its widest context and develop conceptual and logical representations of solution components. In this unit, you are introduced to principles of conceptual modelling of information systems, such as abstraction, aggregation, decomposition and modularization. The unit develops a both broad and detailed understanding of the relevance of modelling to the analysis and design of complex systems by examining different modelling paradigms, including complex systems modelling, data modelling, process modelling,

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organizational modelling, object modelling and information modelling. The modular approach allows you to undertake modelling and abstraction processes required to understand complex systems in organizational and information technology domains.

IZN001 Principles and Practices of University Learning and Teaching

Credit Points	12
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - 5TP5, SEM-1 Kelvin Grove - SEM-1

Drawing on evidence-based research, this unit addresses strategies for engaging students in learning, the key factors of student success and support for learning for diverse groups of students, principles and approaches to effective communication across multiple mediums, and producing blended learning resources. It provides you with a variety of opportunities to implement targeted strategies for enhancing student learning in your professional practice. Requisite Professional Activity Because you will apply principles in practice for assessment in this unit, enrolment in it requires that you are concurrently involved in substantial teaching activity and/or support for learning activities (lecturing and/or tutoring across a unit; supervising postgraduate students; or directly supporting student learning in a professional capacity).

IZN002 Curriculum Design and Assessment in Contemporary Learning Environments

Credit Points	12
Campus	Kelvin Grove and Gardens Point
Availabilities	Kelvin Grove - SEM-2 Gardens Point - SEM-2

Drawing on QUT's developmental, whole-of-course approach and Real World Learning 2020 vision, this unit provides you with opportunities to apply principles and strategies for effective curriculum design across transitional and midpoint years. You will analyse and design units within a whole-of-course approach and explore ways of enriching curriculum through embedding support for learning and innovative approaches to enhancing

student learning across a range of learning environments, including embedding learning technologies, to achieve the unit's learning objectives.

IZN003 Research and Career Planning and Development

Credit Points	12
Campus	Kelvin Grove and Gardens Point
Availabilities	Kelvin Grove - SEM-1 Gardens Point - SEM-1

This unit will extend and enhance your strategic engagement with the broader University environment and prepare you for career success across research, teaching and service. You will develop and utilise knowledge, skills and resources necessary to enhance your academic/professional career planning and development, to lead in university contexts, and to contribute to the creation of new knowledge for the advancement of your discipline field.

IZN004 Scholarly Learning and Teaching Project

Credit Points	12
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - SEM-2 Kelvin Grove - SEM-2

Through a supported process of project design and implementation you will research, initiate and effect a a Scholarship of Learning and Teaching (SoLT) project in the context of higher education. The project's rationale, aims and objectives, research methods, and evidence-based outcomes will be reported and presented as scholarly research. Through a guided process you will also participate in a scholarly peer review process.

JSB170 Introduction to Criminology and Policing

Equivalents	JSB131, JSB011, JSB101
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This unit will provide you with an introduction to the Criminology and Policing major before you make your choice. It will provide you with a foundation for understanding criminology and policing. It begins with an exploration of the existing explanations of crime from both an individual and social perspective and will provide you with a background of policing in Queensland, Australia and internationally. The remainder of the unit then covers topics of interest to those within the area of criminal justice, policing and criminology, for example, crimes in the home, crime in public, cyber crime, and street crime.

JSB171 Justice and Society

Equivalents	JSB131, JSB011, JSB101
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

The Justice degree seeks to produce competent justice professionals. In order to achieve this purpose, this degree combines knowledge of the criminal justice system with an understanding and appreciation of the complexities of social justice. The purpose of this unit is to introduce students to the structural parameters of social justice.

JSB172 Professional Academic Skills

Equivalents	JSB132, JSB012, JSB104
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This unit teaches students about being competent and ethical criminal justice professionals. It introduces professional and academic skills, to lay a successful foundation for academic achievement during the degree and for later professional achievement in the real world of criminal justice work.

JSB173 Understanding the Criminal Justice System

Credit Points	12
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Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

The criminal justice system is a key site for the maintenance of social order in society. In Australia, the criminal justice system consists of three separate institutions and each is tasked with a specific role: the police are responsible for criminal investigations, the courts for adjudication and sentencing, corrections (e.g. prisons) for 'correcting' offenders.

JSB174 Forensic Psychology and the Law

Anti-requisites	PYB215
Equivalents	JSB136
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This unit develops your knowledge and skills of the discipline of forensic psychology, affording you a critical perspective on what the study of psychology and the law entails and what it has to offer across the three criminal justice domains of the police, the courts and corrections.

JSB176 Criminal Law in Context

Equivalents	JSB242, JSB024, JSB204
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

Criminal Law in Context aims to provide Justice (and other) students with a broad, critical, contextual knowledge of criminal law and its administration in the Australian setting.

JSB178 Policy, Governance and Justice

Equivalents	JSB081, JSB251, JSB271
Credit Points	12
Campus	Gardens Point and

	External
Availabilities	Gardens Point - SEM-2 External - SEM-2

The unit introduces students to the policy cycle and explains how policy is developed in the governmental context. It provides basic skills needed for an employment role in research and policy in government agencies.

JSB179 Crimes of Violence

Equivalents	JSB138, JSB177
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

Justice students seek to work as justice professionals in areas related to the criminal justice system or human rights. They need an understanding of fundamental principles of criminal law and of social justice issues related to criminal law. Students undertaking the Criminology and Policing major of the degree need to understand issues of criminal procedure and due process, as well as specific contexts of criminal law. Crimes of Violence provides students with an understanding of the forces that shape this area of the law and the rationales for its implementation.

JSB180 Deviance

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This unit provides students with a comprehensive, empirically based, theoretically informed, international, interdisciplinary overview of the study of deviance in the social sciences. It provides a critical survey of causes, interpretations and reactions to deviance, with reference to real world social issues such as drug and alcohol abuse, tobacco consumption, graffiti, body art, suicide, sexual deviance (such as nudity, pornography, paedophilia, sado-masochism, public sex), bullying, violence, and mental health.

JSB207 Punishment and Penal Policy

Pre-requisites	JSB172 or JSB173 or LLB101 or PYB007
Equivalents	JSB373
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

The unit will challenge students to think critically about a range of key issues confronting the penal system and policy-makers, including the ever-increasing prison muster, the effectiveness (or not) of the various treatment programs and offender management systems, and the ongoing challenge of 'difference' within the prison population. This unit is tailored to students contemplating a career in correctional services, the policy sector (including the Department of Communities, Child Safety and Disability Services and Queensland Corrective Services), rehabilitation services, social and youth work, and the academy.

JSB255 Eco Crime

Pre-requisites	96cp of completed studies
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

Issues pertaining to the protection of the environment continue to capture centre stage in the development of both national and international policy. The balance between 'developing' and 'harming' the environment is one often constructed in political and social discourses about trade, resources and rights. Illegal and harmful acts that damage and destroy the environment are crucial for understanding government policies of prevention, precaution, and regulation. This unit prepares future professionals from a range of disciplines who will work in an environmental capacity, schooling them in particular in theories of green criminology and environmental harm.

JSB261 Theories of Government

Pre-requisites	JSB172 or JSB178 or LLB101
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This unit focuses upon the major theories about the operation of governments, along with the principles of authority, legitimacy and freedom.

JSB263 Justice Institutions

Pre-requisites	JSB172 or JSB178 or LLB101
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

In this subject, students will gain a thorough understanding of Australia's political and governance system, exploring the evolution and functioning of key Australian justice institutions. Through key case studies from Australian and international political history, students will examine the democratic structures that govern policy-making.

JSB266 White Collar Crime and Official Corruption

Pre-requisites	JSB172 or JSB178 or LLB101
Anti-requisites	JSB183, JSB265
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This unit will cover the complementary crimes of corruption and white collar crime. It is a core unit in the Bachelor of Justice, Policy and Governance major and an elective in other courses. This unit develops your skills in explaining knowledge, presenting arguments, critically analysing, researching and reflecting. This unit will introduce you to critical analysis of the investigation and prevention of white collar crime and corruption. The circumstances in which

the crimes occur and technological considerations raise unique questions for investigation and prevention. This unit will provide you with an outline of the nature of these techniques.

JSB267 Identity, Marginalisation, and Global Change

Pre-requisites	Completion of 96 credit points or more of study
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

In this unit, you will further develop your knowledge of marginalisation and injustice as introduced in the foundational units of the Justice degree, expanding on these concepts in an international context. The unit will provide an in-depth exploration of identity and marginalisation internationally, and tools for understanding injustice in the global sphere, with a particular focus on the global South. It is important that justice professionals have an appreciation of injustice at a global level (such as the experiences of gender, queer, and indigenous communities, people with disabilities, and those fighting environmental degradation and economic policies), and can identify and respond to the intersections between these. The unit will also provide you with a comprehensive set of tools for understanding how social and political change to address this marginalisation has been achieved within a range of relevant political movements across the globe. This will contribute to your understanding of policy development and social change in such contexts.

JSB272 Theories of Crime

Pre-requisites	JSB172 or JSB173 or LLB101 or PYB007
Anti-requisites	JSN113
Equivalents	JSB231, JSB018
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

The main aim of this unit is to introduce the student to the study of theoretical criminology. This unit will address the social context of crime but is not exclusively sociological. The study of criminology is essentially multi-disciplinary and this is reflected in the diversity of theoretical approaches. Theory is typically offered as distinct from methods of research, however, together they provide the foundation for policy and practice. The unit provides an analytical framework in order to critically assess the epistemological claims and justifications found in criminological theory. Criminological theories are viewed as embedded governmental practices aimed at ensuring the regulation and control of particular 'problem populations'.

JSB273 Crime Research Methods

Pre-requisites	JSB170 or JSB172 or JSB178 or LLB101 or PYB007
Equivalents	JSB933, JSB043
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This unit builds upon research skills acquired in first-year study and is thus intended to provide knowledge and skills in research design and methodology for use in the fields of criminal justice, justice administration and criminology. The aims of this unit are three-fold. First, to revisit issues central to the research process. Second, to introduce students to a variety of research design models, data collection techniques and data analyses. Third, to give students the practical skills in designing and carrying out research and reporting research results. This subject, offered as a compulsory primary major unit in both the Criminology and Policing and Policy and Governance majors, sets the foundation for research in the Justice honours program.

JSB276 Independent Study

Pre-requisites	96cp of previous study
Anti-requisites	JB976
Other requisites	96cp of previous study, minimum GPA of 5 and unit coordinator approval
Assumed Knowledge	null

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Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

In the course of their study, Justice students may discover an area that is of particular interest to them, or that has specific relevance to their intended professional orientation. This unit gives students the opportunity to extend aspects of their coursework or professional interests in more depth as well as to continue the process of refining and developing research skills.

JSB277 Independent Study

Pre-requisites	96cp of previous study
Equivalents	JSB976
Other requisites	96cp of previous study, minimum GPA of 5 and requires academic approval
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

In the course of their study, Justice students may discover an area that is of particular interest to them or that has specific relevance to their intended professional orientation. This unit gives students the opportunity to extend aspects of their coursework or professional interests in more depth as well as to continue the process of refining and developing research skills.

JSB278 Drugs and Crime

Pre-requisites	96cp of previous study
Equivalents	JSB378
Credit Points	12
Campus	External
Availabilities	External - SUM

This unit examines social, legal and political responses to drug use in contemporary society, with an emphasis on Australian society. The unit presents an overview to drugs and drug use, including historical perspectives on drugs

and their regulation. Drug policy models, processes and strategies for responding to drugs are reviewed, including harm reduction, prevention and treatment. Drug law enforcement and supply reduction strategies are also considered. The unit concludes with an examination of future directions and emerging issues, including the impact of the internet on drug supply.

JSB284 Policing in Context

Pre-requisites	JSB170 or JSB172 or LLB101 or PYB007
Equivalents	JSB274
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This unit is concerned with the diverse roles, duties, powers and problems of policing in Australia. These issues are explored through a number of different themes across the semester.

JSB285 Political Violence and Terrorism

Pre-requisites	96cp of previous study
Equivalents	JSB985
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

In this unit you will learn about politically motivated violence and terrorism in its diverse forms and historical context. It asks students to critically explore the characteristics of groups and movements that use these methods, the diverse reasons people come to engage in politically motivated violence, the development of responses to terrorism through policy and practical measures, and the influence of technology and other factors in the evolution of these groups and movements. It draws on diverse historical and present day cases to place the contemporary challenges of political violence and terrorism into historical perspective, and asks students to think critically about the nature of political violence, and the possibilities and limitations of institutional responses to it.

JSB286 Domestic Violence

Pre-requisites	96cp of previous study
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This unit provides students with a comprehensive, empirically based, international and interdisciplinary overview of domestic violence. It will provide a critical perspective on domestic violence research that is of interest to justice professions and arises in many other employment contexts.

JSB287 Crime in Popular Culture

Pre-requisites	96cp of previous study
Credit Points	12
Campus	External
Availabilities	External - SUM

Crime is a significant genre in popular culture, being present in literature, television, film and traditional and social media. Beyond entertainment, popular cultural representations of crime and criminality inform social responses criminal justice, including policy. This unit provides students with a comprehensive, international, interdisciplinary overview of crime in popular culture, informed by critical perspectives in the social sciences.

JSB288 Comparative Policing in a Complex World

Pre-requisites	96 cp of previous study
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This unit is designed to help you understand why policing in a complex world should be considered as an ongoing comparative global endeavour. The unit seeks to explore the possibilities and limitations of comparative policing

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from a global perspective by examining policing case studies in both national contexts (for example, comparing Australian police organisations' policing practices) and in an international context (comparing global police organisations' policing practices). Within the framework of comparative criminology, we will examine policing theory versus police practice, policing of deviance and social response, and police policy versus police practice in relation to socio-demographic and geo-political data.

JSB289 Preventing Gendered Violence

Pre-requisites	96 cp of previous study
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This unit provides a practical and accessible exploration of the prevention of violence. It focuses on efforts to prevent domestic and family violence and sexual violence. It focuses on primary prevention - on how to change the social conditions and inequalities which drive that violence. The unit uses real-life examples and case studies and is informed by contemporary Australian and violence prevention work. Students will develop practical skills in assessing primary prevention strategies and programs. Students will gain understanding of the drivers of or risk factors for different forms of violence, the various ways these can be addressed in the name of prevention, and the practical and political challenges of this work. The unit is relevant for careers in health, welfare, and social services, crime and justice, education, social work, public health, and other areas of policy, programming, and advocacy.

JSB305 Professional Placement

Pre-requisites	JSB273 or JSB207 or JSB261. These units can be studied in the same teaching period as JSB305
Equivalents	JSB980
Other requisites	at the discretion of the unit coordinator.
Assumed Knowledge	null
Credit Points	12

Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit offers Work Integrated Learning in the form of a professional placement in which students can intern at a relevant organisation.

JSB306 International Justice Study Tour

Pre-requisites	96 cp of previous study
Other requisites	at the discretion of the unit coordinator
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM

This unit is a work integrated learning (WIL) unit and provides you with the opportunity to undertake a justice-related study tour overseas. Study tours may cover a broad range of international experiences, such as human rights and international justice problems and solutions. The distinguishing feature of this unit is the focus on experiential learning in another country, and the requirement to integrate your international study tour experience with theoretical knowledge obtained as part of your degree. This unit offers the opportunity to engage in real-world experience in an international context.

JSB372 Youth Justice

Pre-requisites	JSB207 or JSB273 or LLB101 or PYB007. JSB207 can be enrolled in the same teaching period as JSB372
Equivalents	JSB232, JSB041
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This unit provides students with knowledge and skills for working in the contemporary youth justice system, including knowledge about its history, how the system works, legislation, and the media and political context of youth

justice. It questions ideas about young people as a 'crime problem' and challenges students to engage critically with youth crime in terms of social justice.

JSB374 Crime Prevention

Pre-requisites	JSB172 or JSB173 or LLB101 or PYB007
Anti-requisites	JSN112
Equivalents	JSB333, JSB044
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This unit will discuss in detail the complex relationship that exists between the crime problem, the criminalisation and traditional responses to crime. The unit will discuss crime prevention strategies that are broader than the traditional criminal justice response as well as explore the appropriateness or otherwise of blanket responses to crime. Emerging issues in crime prevention theory and practice such as surveillance in physical and virtual spaces, prediction, risk analysis, pre-emption and the influence of technology (in both crime and crime prevention) will also be examined.

JSB379 Political Practice, People Power, and Protest

Pre-requisites	JSB172 or JSB178 or LLB101
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This unit will equip students with a thorough understanding of the practice of policy and governance within and beyond government institutions. Students will examine the range of political practices that contribute to policy-making, from formalised lobbying and pressure groups through to non-government activism and protest, while developing practical skills required in the political world.

JSB380 Critical Policy Analysis

Pre-requisites	JSB261 or JSB272. JSB261 or JSB272 can be studied in the same
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	teaching period as JSB380
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

Critical Policy Analysis provides you with the essential academic and vocational tools that will allow you to critically analyse justice-related policies. You will have the opportunity to examine a number of policies in an in-depth manner using a range of vocational tools and critical frameworks. The ability to provide timely, high quality, critical analyses of justice-related policies is an essential capability of reflective and ethical justice professionals. As such, this unit offers an essential aspect of one's professional development as a justice professional.

JSB386 Death Investigation

Pre-requisites	96cp of previous study
Equivalents	JSB986
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

The investigation of death in modern society is a well regulated system, orchestrated through the coronial system with identification of suspicious deaths undertaken by the criminal justice system. This death investigation model involves legal, medical and criminal justice personnel in order to establish both the medical cause and legal circumstance of death. The information gathered in this way is also used to inform government policy on issues such as suicide and motor vehicle accidents. However, in the wake of Harold Shipman in the United Kingdom and Dr Patel in Australia, the issue of concealed homicide has become topical, with questions asked about how the coronial system in particular can better investigate death so as to remove such concerns. This unit will examine in detail the history, ethics, processes, procedures and outcomes of death investigation in Queensland.

JSB417 Seminal Texts in Criminology

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The discipline of criminology draws together a range of disciplines where some of its most poignant work emanates from scholars who do not identify themselves as 'criminologists' as such, eg Michel Foucault. Considering the overlap between criminology and other social science disciplines, this unit takes an historical view of the discipline and examines some of its seminal authors and key texts.

JSB418 Advanced Research Management

Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Good research is characterised by established parameters through which the research should operate and develop. A good research project is also marked by the development of an effective literature review of relevant literature in the chosen field. In this unit, students will source and become acquainted with a bibliography of specialised literature relevant to the nominated field of research and begin to articulate the phases of the research project.

JSB419 Honours Research Methods

Equivalents	JSN102, JSN172
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The content of this unit is based on an assumption that students have a basic knowledge of research methodologies, including an understanding of qualitative and quantitative research paradigms. This unit will build on that knowledge and provide students with an understanding of the techniques that are commonly used for Honours-level research theses.

JSB424 Thesis 3

Equivalents	JSB414-3
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

In the thesis you have the opportunity to conduct a major research project in which you will identify and articulate a research problem, establish a research design, collect and analyse data, and report on the research findings. The research dissertation culminates the research training you have received through the Honours coursework, and is a salient feature of your Honours degree.

JSB424 Thesis 2

Equivalents	JSB414-2
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

In the thesis you have the opportunity to conduct a major research project in which you will identify and articulate a research problem, establish a research design, collect and analyse data, and report on the research findings. The research dissertation culminates the research training you have received through the Honours coursework, and is a salient feature of your Honours degree.

JSB424 Thesis 4

Equivalents	JSB414-4
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

In the thesis you have the opportunity to conduct a major research project in which you will identify and articulate a research problem, establish a research design, collect and analyse data, and report on the research findings. The research dissertation culminates the research training you have received through the Honours coursework, and is a salient feature of your Honours degree.

JSB424 Thesis 1

Equivalents	JSB414-1
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

In the thesis you have the opportunity to conduct a major research project in which you will identify and articulate a research problem, establish a research design, collect and analyse data, and report on the research findings. The research dissertation culminates the research training you have received through the Honours coursework, and is a salient feature of your Honours degree.

JSN165 Policy, Governance and Justice

Credit Points	12
Campus	External
Availabilities	External - SEM-1

This foundational unit is designed to develop the skills required for research and policy positions in government agencies. This unit will enhance the key vocational skills required for working in any government agency. All government agencies require similar writing, communication and consultation skills for developing policy. This unit will enhance knowledge on the policy cycle and the wider policy issues associated in government and social justice environments.

JSN166 Justice Institutions

Credit Points	12
Campus	External
Availabilities	External - SEM-1

An understanding of Australian government institutions is critical for students who wish to work effectively in or alongside the public sector. This unit will provide you with advanced knowledge of governance institutions at all levels of Australian government, as well as the related ethical obligations of public officials in such institutions.

JSN167 Public Sector Skills, Methods and Ethics

Credit Points	12
Campus	External

Availabilities	External - SEM-2
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This subject builds knowledge of public sector ethics obligations and is intended to provide knowledge and skills in research design, methodology and evaluation for use in public policy development and evaluation. The unit has a number of objectives. Firstly, to visit issues central to the research and evaluation process. Secondly, to introduce you to a variety of research and evaluation design models, data collection techniques and data analyses. Thirdly, to equip you with the practical skills to write a research and evaluation proposal, carry out a research and evaluation project, report the research results and conduct policy evaluation. The unit also seeks to build knowledge of theories and types of corruption, the psychology and sociology of ethical judgment, along with an advanced understanding of public sector ethics.

JSN168 Critical Policy Skills

Credit Points	12
Campus	External
Availabilities	External - SEM-2

There are a number of critical policy skills required of the professional contemporary policy officer. This unit aims to develop, enhance and consolidate the skills of students to enable them to undertake sophisticated and effective policy work, both in the public and the private sector. This capstone unit will develop students' critical policy analysis skills, and build the knowledge and capacity to engage effectively with stakeholders and the ability to effectively design and oversee policy.

JSN201 Dynamics of Domestic Violence

Credit Points	12
Campus	External
Availabilities	External - SEM-1

This subject builds essential knowledge of the dynamics of domestic violence. The unit has a number of objectives: 1. to introduce the different types of abuse that comprise domestic violence 2. to explain the dynamics of domestic violence, including its characteristics, distribution, and contributing factors 3. to provide skills and tools for critically assessing domestic violence research, and 4. to review contemporary and historical developments in domestic violence policy.

This background informs the content for JSN202 Children and Family Violence, JSN203 Reducing Lethal Risk, and JSN204 Working with Domestic Violence Victims.

JSN202 Children and Family Violence

Credit Points	12
Campus	External
Availabilities	External - SEM-2

This subject includes specialised knowledge of violence against pregnant women and the relationship between child maltreatment and domestic violence, including investigating the impact of trauma on child development.

JSN203 Reducing Lethal Risk

Credit Points	12
Campus	External
Availabilities	External - SEM-1

This subject builds specialised knowledge associated with identifying, assessing and reducing the risk of lethal domestic violence and collateral killings across multiple sites of professional intervention.

JSN204 Working With Domestic Violence Victims

Credit Points	12
Campus	External
Availabilities	External - SEM-2

This subject will help students develop their professional practice by integrating research on best practices and self care with in-depth knowledge of domestic violence and local resources.

JSN600 Graduate Seminar

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The Graduate Seminar is a forum for the presentation of sections of your research in progress where you gain the opportunity to articulate the challenges and outcomes of your research and are able to benefit from the feedback and insights into your work of your peers. It is also a vehicle through which you can gain valuable experience in evaluating and critiquing the work of other researchers,

as well as evaluating your own research.

KAP402 Advertising Creative: Copywriting and Art Direction

Pre-requisites	KAP401
Equivalents	KIP426
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This introductory unit teaches how copywriting and art direction are fundamental to creative advertising practice. Copywriters and art directors are integral in bringing advertising campaigns to life through the generation of ideas, concept development, persuasive messages and imagery.

KCB101 Media and Communication Texts

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit introduces you to foundational ideas in the study of communication. It covers key questions of textual analysis, practice, and context. Drawing extensively on examples of popular communication practice from contemporary society, the unit aims to impart an understanding of communication ecologies, processes, systems, and modes within the wider frame of radical changes occurring to the way texts are produced, read and circulated within our culture.

KCB102 Media Mythbusting

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit explores a variety of key myths, controversies and debates surrounding the relationship between media and society. It investigates the historical foundations, cultural context and factual accuracy of a series of 'common sense' arguments regarding how different kinds of media have or have not affected the way our society functions.

KCB103 Strategic Speech Communication

Equivalents	KCD103
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit emphasises both the theory and practice of speech and interpersonal communication. It introduces theories of language, rhetoric and persuasion, which are interrelated to promote understanding and development of your communication skills. Classroom practice in simulated work situations will enhance the leadership skills you need to become articulate presenters in a range of contexts including personal presentations.

KCB104 Media and Communication: Industries

Equivalents	KCZ104
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

A contemporary understanding of the cultural and economic significance of media and communication industries is a vital foundation for scholarship and professional practice in the media and communications industries. This unit surveys the political economies of print and electronic media industries, as well as advertising and public relations. It considers the impact of regulation on these industries and explores convergence and globalisation as frameworks for understanding change. You will be supported to develop your own strategy for maintaining current awareness of media and communication industries in the process of evaluating current public and policy debates.

KCB105 Inquiry in Media and Communication

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The research process (define problem, collect relevant information, analyse information, formulate conclusions/outcomes) underlies many decisions that confront media and communication professionals. This subject introduces foundational research skills and contextualises them with a

number of media and communication problems. The unit will involve qualitative and quantitative research methods including content analysis, focus groups, ethnography, interviews and survey research which are studied in the context of media and communication problems and issues. You will carry out research using some of these methods, analyse the results and present your conclusions and recommendations.

KCB203 Consumption Matters: Consumer Cultures and Identity

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

A knowledge of and ability to research consumer cultures is essential to those working in the Creative Industries. It is crucial to understand the ways in which consumption actively shapes not only media and production industries, but also the value and meanings of products themselves. This unit requires you to synthesise and apply concepts and methodologies that you have learned in earlier units. The unit focuses on developing in you a broader understanding of media, communication, and production through the lens of consumer cultures. The knowledge that you gain in this unit will inform your future professional, academic, and creative practices.

KCB205 Professional Communication

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

Professional Communication aims to enhance your career prospects by developing a significant understanding of communication dynamics between individuals and groups in organisational settings. The unit will sharpen your practical and critical skills in situation analysis, project proposal development and reporting, formal document production, professional presentations, and workplace communication practices. Although there is some focus on the creative and cultural industries, the content and skills covered are applicable to a range of professions and career options. You will be encouraged to pursue a project topic in your chosen professional field.

KCB206 Social Media, Self and Society

Equivalents	KCB201
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

From social networking sites like Facebook, Instagram and Twitter, to blogs and YouTube, the number of individuals and organisations in contemporary societies who use social media technologies to shape, (re)form and sustain their identities is on the rise. This unit introduces students to key issues, tools and considerations for contemporary media and communication professionals through facilitating critical engagement with social media in three areas: Platforms and Users, Professional Identity and Communication, Strategy and Analytics.

KCB301 Media Audiences

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides you with a conceptual understanding of media audiences within industry and academic contexts. In addition, the unit introduces you to a range of practical skills that may be applied when undertaking audience research. A knowledge of and ability to research audiences is essential to a detailed and comprehensive understanding of the media. The ability to undertake quantitative and qualitative research into various audience groupings, the use of associated analytical tools and the ability to critically analyse academic and industry based audience research are important skills for undertaking both postgraduate research in Media & Communication and those seeking employment in media industries.

KCB302 Political Communication

Equivalents	KCB311
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides an overview of the theory and professional practices of political and governmental communication, especially through the

media and communications industries. The unit examines contemporary and historical political issues and communications in Australia and internationally from the perspectives of democratic theory, media influence, strategic image and issue management, and popular culture.

KCB303 Brisbane Media Map 1

Pre-requisites	168cp of completed study
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This units affords final year Media and Communication students the opportunity to work on Straddl - an online resource for media and communication students and professionals based in Brisbane. Students involved in this project will work in teams to collectively update and contribute to the site, and learn basic project management strategies.

KCB305 Brisbane Media Map 2

Pre-requisites	KCB303
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Networks of industry and professional associations are extremely important in media and communication industries. In this unit you will extend, apply and deepen your understanding of these networks through further developing and contributing to Straddl - an online resource that profiles media and communication industries in Brisbane. You will also refine your project planning and management skills, information analysis skills, and team leadership and membership skills.

KCB307 Making Media Connections 1

Pre-requisites	Completion of 192cp of undergraduate study
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

Issues surrounding 'The Media' are a common source of interest for the media

itself, and to the general public. Media and communication students should be well-positioned to make an informed contribution to these debates, but often lack the ability to communicate with a general audience. This unit will therefore assist students in this regard, helping them to become a visible part of the public discourse.

KCB308 Making Media Connections 2

Pre-requisites	KCB307
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Issues surrounding 'The Media' are a common source of interest for the media itself, and to the general public. Media and communication students should be well-positioned to make an informed contribution to these debates, but often lack the ability to communicate with a general audience. This unit will therefore assist students in this regard, helping them to become a visible part of the public discourse.

KCB310 Contemporary Investigation in Journalism, Media and Communication

Pre-requisites	Completion of 168cp of study in current course
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Research skills are an important element of graduate capabilities, applicable to scholarly work at Honours and higher degree level, and also to professional practice. This unit makes available at the Bachelor level the internationally recognised expertise of world-leading research active staff within the creative industries faculty. It will enable you to explore the possibilities of academic research, design a project, and acquire data gathering, analysis and presentation skills of value to subsequent study and employment.

KCD103 Strategic Speech Communication

Equivalents	KCB213, KCB103, CCB203
Credit Points	12

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Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

This unit emphasises both the theory and practice of speech and interpersonal communication. It introduces theories of language, rhetoric and persuasion, which are interrelated to promote understanding and development of your communication skills. Classroom practice in simulated work situations will enhance the leadership skills you need to become articulate presenters in a range of contexts including personal presentations.

KDB101 Dance Performance 1: Analysing Dances

Pre-requisites	KDB103 can be enrolled in the same teaching period as KDB101.
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This is the first in a suite of four units for Dance Performance students that fosters the fundamental development of the professional performing artist. This unit provides the opportunity for you to work with a choreographer and/or replication from video and/or other processes, with guidance from a rehearsal director leading to a performance. To enhance your understanding of the context of the creative practice, the unit equips you with dance analysis methodologies.

KDB102 Dance Performance 2: Dance Histories

Pre-requisites	KDB101 and KDB104. KDB104 can be enrolled in the same teaching period as KDB102.
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This is the second in a suite of four units for Dance Performance students that fosters and continues the development of the professional performing artist. This unit provides the opportunity for you to work with a choreographer and/or replication from video and/or other processes, with guidance from a rehearsal director leading to a performance. To enhance your understanding of the creative practice, the

unit equips you with dance history methodologies.

KDB103 Dance Technique 1

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This introductory unit is the first in a series of four practical units which establish the critically important routine of daily technique training, in Ballet and Contemporary Dance, for the elite dance professional. You will enhance skills in, and develop your knowledge of, dance technique and artistry, through guided training and reflective practice. To support your technical development, you will be exposed to, and physically participate in, complimentary practices associated with dance training.

KDB104 Dance Technique 2

Pre-requisites	KDB103
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

In this unit you will develop the technical, artistic and reflective practice skills introduced in KDB103 Dance Technique 1. By exposing you to increasingly complex material, other forms of Complimentary practices and reflective practice methods, this will advance your development towards you becoming an elite dance professional. You will further enhance skills in, and develop your knowledge of, dance technique and artistry, through guided training and reflective practice. To support your technical development, you will continue to be exposed to, and physically participate in, complimentary practices associated with dance training.

KDB107 Foundations in Improvisation and Choreographic Practice

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit offers you an introduction to the fundamentals of Improvisation and Choreographic Practice. Throughout this unit you will participate in a series of studio-based laboratories that seek to enliven an experiential understanding of the body in dance and explore different

practices and processes that cultivate tools for dance making.

KDB112 Dance Technique Fundamentals

Equivalents	KDB120
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit offers you an introduction to dance technique and the application of somatic practices. Through practical classes you will develop your technical foundation in different dance styles and understanding of the principles of movement. These will be supported by a series of seminars and discussions to facilitate self-directed learning about topics such as safe dance practice, key concepts of somatic approaches in dance, and reflective activities.

KDB113 Dance Studies

Equivalents	KDB106
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit will give you an introduction to the diverse field of dance studies. Through encountering relevant theory and reflecting on live and recorded dance performances, the unit will equip you with critical frameworks through which you can interrogate various aesthetic codes and relevant issues relating to dance in a variety of historical and cultural contexts. This will involve a range of perspectives including dance analysis, writing from practising choreographers and dancers, historical and cultural contextualisation, gender issues, racial diversity, and social dance.

KDB122 Popular Dance Styles

Equivalents	KDB121
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit builds upon the knowledges you have developed from studio-based practice in KDB112 Dance Technique Fundamentals by offering you an introduction to a broader spectrum of popular dance styles. This unit aims to develop and extend your technical foundation in a range of different dance

genres. It assists you in developing an awareness of the potential within different dance genres and to explore how they might be applied within a range of different socio-cultural settings to continue to develop your perception of yourself as a dance practitioner.

KDB123 Dance Legacies

Equivalents	KDB110
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit will introduce you to the dance legacies that underscore dance practice. It will contextualise aesthetic dance codes from the Western, Indigenous Australian, and wider Asia Pacific region. Through encountering relevant theory and reflecting on live and recorded dance performances, you will be supported to critically interrogate how these legacies continue to inform current practices.

KDB206 Dance in Contemporary Culture

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit builds upon embodied knowledge and dance practice developed in KDB122 Popular Dance Styles and asks you to consider the role of dance in contemporary culture. Through a series of seminars and practical workshops you will explore different trends in the role and place of dance in contemporary culture.

KDB210 Dance Composition

Equivalents	KDB209
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit offers you an introduction to the fundamentals of Dance Composition through exploring a range of choreographic practices. The emphasis will be on understanding the tools available for composing dancing and utilising these to develop successful choreographic outcomes. Through studio-based shared practice sessions and reflecting on readings and performance documentation you will begin to develop an aesthetic understanding applicable across your artistic practice.

KDB211 Dance Performance 3: Current Trends

Pre-requisites	KDB102 and KDB213. KDB213 can be enrolled in the same teaching period as KDB211.
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

In this unit, professionally guided rehearsals, classes and performance practice, will be informed through cultivating an understanding of current cultural, social and political trends and issues, both local and global, and how this is reflected within the current intersections between dance-making, technology, science, and interdisciplinary practice. This unit provides the opportunity for you to work with a choreographer and/or replication from video and/or other processes, with guidance from a rehearsal director leading to a performance. To enhance your understanding of the creative practice, the unit equips you with the tools to situate and expand your performance experiences.

KDB212 Dance Performance 4: Intersections

Pre-requisites	KDB211 and KDB214. KDB214 can be enrolled in the same teaching period as KDB212.
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

In this unit, professionally guided rehearsals, classes and performance practice, will be informed through a deepening of the research undertaken in KDB211 Dance Performance 3: Current Trends, of current cultural, social and political trends and issues, both local and global, and how they are reflected within the current intersections between dance-making, technology, science, and interdisciplinary practice. This unit provides the opportunity for you to work with a choreographer and/or replication from video and/or other processes, with guidance from a rehearsal director leading to a performance. In this unit you will investigate how the choreographer for this unit, and consequently their artistic practice and sensibility, are informed

through these perspectives and relate to emergent practices that are shaping the future of dance.

KDB213 Dance Technique 3

Pre-requisites	KDB104
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This is the third unit in a series of four practical units which further establishes the critically important routine of daily technique training, in Ballet and Contemporary Dance, for the elite dance professional. In this unit, you will learn through guided training and reflective practice, to develop expertise in dance technique and artistry, advancing your transformation towards becoming an elite dance professional. To support your technical development, you will continue to be exposed to, and physically participate in, complimentary practices associated with dance training.

KDB214 Dance Technique 4

Pre-requisites	KDB213
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This is the final unit in a series of four practical units which establish the critically important routine of daily technique training for the elite dance professional. This unit will allow you to engage in the experience of advanced technical dance training in Ballet and Contemporary Dance. In the current artistic climate, it is essential for you to possess a strong command of dance technique and complimentary practices. You will develop to a pre-professional level the technical and artistic skills accumulated through the previous three Dance Technique units. To support your technical development, you will continue to be exposed to, and physically participate in, complimentary practices associated with dance training.

KDB216 Choreographic Practice 1

Pre-requisites	KDB107
Equivalents	KDB209
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove

Units

- SEM-1

This unit will introduce you to the concept of choreographic thinking and allow you to engage in the experience of creation from the inception and development of an idea, through to the completion of a choreographic work. This will be supported through encountering a range of approaches to dance making drawn from theory and current creative practice. Alongside encountering processes of making in practical classes, the unit will support you to develop documentation and annotation skills to map your creative practice.

KDB217 Choreographic Practice 2

Pre-requisites	KDB216
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Building on your understanding of solo choreographic practice (as experienced in KDB216 Choreographic Practice 1) you will expand your practice to experiment and test the application of studio-based choreographic processes in ensemble contexts. You will explore your emergent choreographic practice and begin to situate yourself in the expansive terrain of dance.

KDB218 Performance in Context 1

Pre-requisites	KDB122 or KDB111
Equivalents	KDB215
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This is the first of two units introducing you to the practice of the Teaching Artist as a facilitator of dance led experiences. You will apply your developed knowledge of technical skill and artistic practice to the creation of a performance situated within a specific context. This project-based unit provides the context in which you will develop technique, artistry, communication skills, performance ability and confidence through professionally guided rehearsals, classes, performances and workshops.

KDB222 World Dance

Equivalents	KDB108
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Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit aims to develop your sensitivity, curiosity, and knowledge of cultural diversity and protocols, through participating in dance styles from around the world and learning about their contexts. Through practical classes you will gain an experiential understanding of the dance styles, which will be contextualised through lectorials and reflective practice strategies.

KDB223 Screen Dance

Pre-requisites	KDB210 or KDB209
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit offers you an introduction to the field of Screen Dance through a critical and practical engagement with the genre. Through practical sessions and online learning you will develop skills associated with the conceptualisation, composition, filming and editing of movement for the camera.

KDB303 Dance and Technology 1

Pre-requisites	KDB209 or KDB207-2 or KDX144-2
Equivalents	KDB158
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit includes modes of choreographic communication: discussion of aesthetic questions that have emerged out of the last major choreographic movements and collaborative practices encouraged with specific focus on digital technologies.

KDB304 Dance and Technology 2

Pre-requisites	KDB303 or KDB158
Equivalents	KDB159
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit includes a major choreographic project for public performance. It explores aesthetic and artistic values in collaborative processes of making new work with technology.

KDB305 Performance in Context 3

Pre-requisites	KDB215
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This studio-based unit involves the making and performing of a dance work for public performance in either a theatrical, digital or site-specific domain.

KDB306 Dance Project 1

Pre-requisites	KDB212 and KDB310. KDB310 can be studied in the same teaching period as KDB306
Equivalents	KDB301, KDB193
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is designed for you to investigate your practice as a dance performer and/or creator via an interdisciplinary and collaborative project. The projects may be self-devised or alternatively you may contribute to other creative projects involving new work. In addition to the project proposals and their realisation, the unit comprises a reflective practice written assignment.

KDB307 Dance Project 2

Pre-requisites	KDB306 and KDB311. KDB311 can be studied in the same teaching period as KDB307
Equivalents	KDB302, KDB199
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This capstone unit is designed to develop and showcase at a professional level your performative skills and artistry. It will allow you to connect with choreographers of national standing in order to experience the creation of professional dance work, culminating in public performances through the Dance Graduation Season.

KDB310 Professional Dance Training 1

Pre-requisites	KDB212 or KDX142
Equivalents	KDB301, KDB193
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is designed for you to develop the technical and interpretive dance skills acquired in the first two years of your course to a pre-professional level. Through embodied knowledge, emphasis is placed on specialist and alternative training methods in order to equip you with advanced technical skills; preparing you for the rapidly increasing demands placed on dance practitioners by the professional dance industry.

KDB311 Professional Dance Training 2

Pre-requisites	KDB310
Equivalents	KDB301, KDB193
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit follows on from the technical and interpretive dance skills acquired in KDB310 Professional Dance Training 1. It is designed to facilitate your continued development in advanced technical skills training pitched at a professional level. Through embodied knowledge, emphasis is placed on specialist and alternative training methods at a professional level; preparing you for the rapidly increasing demands placed on dance practitioners by the professional dance industry. Assessment associated with this unit aims to recreate a real life audition experience through unseen practical examinations.

KDP202 Dance Curriculum Studies 2

Pre-requisites	KDP201
Anti-requisites	KDB202, KDB429
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This is the second of a series of three curriculum units, this unit builds on practical engagement with the theory, syllabi and practices of dance learning and teaching in schools. You will be encouraged to utilise your knowledge, skills and understanding of the processes of making, performing and appreciating dance in developing teaching and learning experiences with particular emphasis on Years 10-12.

KDP203 Dance Curriculum Studies 3

Pre-requisites	KDP202 (can be enrolled in the same teaching period)
Anti-requisites	KDB203
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Developing from the work undertaken in Dance Curriculum Studies 1 and 2, this unit provides you with the opportunity to continue investigating and exploring dance curriculum planning and work program design. This unit also relates current theoretical issues in assessment to the unique challenges that dance assessment provides. You will explore a range of assessment procedures, methods and strategies to support quality and equity in dance assessment at all levels.

KJB101 Computational Journalism

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit acquaints you with the uses journalists make of computers in their work: for word-processing, personal information management, time management, and gathering information for stories and journalism assignments by searching online and CD-ROM databases, by analysing public records with spreadsheets and by using email to interview sources found on Internet bulletin boards and in newsgroups, user groups, and listservers.

KJB102 Introduction to Journalism, Media and Communication

Equivalents	KCB110
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit introduces you to core concepts and key knowledge essential for subsequent study in Journalism, and Media & Communication. It combines teaching about media organisations with communication theory and practitioner perspectives drawn from a range of relevant industry sectors. The unit creates a foundation on which you will build in subsequent semesters.

KJB103 Media Design and Layout

Equivalents	KCB304, KJB211
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Visual communication techniques are essential in capturing the attention of an increasingly visual literate society. Understanding how to design well is growing in importance in a society that is time poor and overloaded with competing sources of media. You will learn how to apply design theory in a variety of visual communication contexts relevant to the journalism, media and communication industries.

KJB104 Photojournalism

Equivalents	KKB020
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2 (Block)

Changing digital technologies have resulted in increased demands and expectations for journalism, media and communications professionals to have appropriate digital visual skills. They are increasingly expected to understand and apply digital visual principles and possess the ability to employ and include visual elements in their work such as photo-essays, and photojournalism projects. In this unit students will advance their fundamental digital photography proficiency and analyse styles of visual communication and the photographic

medium.

KJB120 Newswriting

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

In this unit you learn to think like journalists, to evaluate events for their potential news value, to record interviews and perform other reporting tasks and to write news stories. It includes the evolution and theories of reporting.

KJB121 Journalistic Inquiry

Pre-requisites	KJB120
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit develops the basic skills learnt in Newswriting: generating story ideas; researching; conducting interviews; finding news values and news angles and applying them in a practical context. You also learn about how practical newswriting skills fit into an online environment. You are introduced to the rigours of deadlines and have opportunities to write stories related to different news rounds throughout the semester.

KJB222 Online Journalism 1

Pre-requisites	CJB103 or KJB121
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

As increasing volumes of news and other factual material are processed through online media, practitioners and also intending citizen journalists stand to get a secure understanding from studying the social and economic underpinnings of the format, and also from acquiring skills for using it. This unit explores the background to practice in online journalism, such as the place of the medium in contemporary mass communication; it promotes the principles of best practice in journalism, and enables students to publish reports on line, giving them instruction in a wide range of production skills.

KJB224 Feature Writing

Pre-requisites	CJB101 or KJB120 or KWB107 or KWB116
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

Students conduct interviews and other research that they use to write Internet, newspaper and/or magazine articles that profile personalities or stories or that treat processes, events and places to exploit their human-interest value.

KJB235 Radio and Television Journalism 1

Pre-requisites	CJB103 or KJB121
Anti-requisites	KJB232
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

The unit aims to provide means to learn about broadcast media from a production-based perspective, and to begin advanced, practical preparation for working professionally in news media. The practical and theoretical aspects of radio and television media are studied and applied through the production of broadcast news programs. Students will gather, script and produce a number of news items for radio and television bulletins for broadcasting through community sector outlets. This process is facilitated through the learning and usage of broadcast style and through the evaluation of television and radio products. Strong emphasis is placed on current affairs knowledge.

KJB239 Journalism Ethics and Issues

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

QUT Journalism supports the development of socially responsible, ethical journalists. KJB239 is a core journalism unit. It begins with an overview of western and eastern moral philosophical traditions and moves on to examine current journalistic practice in the context of Australian and international news media operations, regulatory bodies and the stance of professional journalism

organisations. Students generate ethical dilemmas and work through them individually, making difficult decisions about issues such as invasion of privacy, protection of sources and conflict of interest. The impact of developing information and communication technologies is also addressed.

KJB280 International Journalism

Pre-requisites	KJB224 or CJB201
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 6TP6, SEM-1

This unit identifies, compares and analyses the diversity of journalistic practice in different countries and regions. You will look at historical conditions that have led to variations in journalism across the world, how different politico-economic systems affect journalistic activity, and how and why different news media take distinct approaches to covering world issues. You will develop the cross-cultural awareness and background knowledge required to identify story ideas, relate to sources and produce news reports in different countries and cultural environments. An opportunity exists for a select number of students to undertake an international field trip in the 6TP6 teaching period (October - December). Please see the full unit outline for more information.

KJB304 Sub-Editing

Pre-requisites	KJB120
Equivalents	KJB322
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit builds on units such as KJB120 Newswriting and KJB103 Media Design and Layout. It is aimed at teaching students how to prepare text for publication in the journalism industry, which is a highly sought skill for employment both within Australia and overseas, and to understand the job market for subeditors. Students will assess the text for news values, quality, adherence to style guides (generic and in-house), grammar, spelling, accuracy, legality (including defamation, contempt and sub-judice), ethics, sources and balance. Students will learn to write

Units

headlines, captions and similar types of types that accompany stories, and to subedit print-media stories for reuse in new and social media. Students, individually and in small teams, will be given a range of copy-text from very poor to reasonable on a variety of topics and make the text which will be made publishable (i.e. production-ready) by them working with their tutor using the above processes.

KJB323 Online Journalism 2

Pre-requisites	KJB222
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

All media outlets now have a visible and increasing online news presence. This unit builds on the foundations established in Online Journalism 1 to equip students with the skills and theory needed to compete in this multimedia news world. Students will receive practical hands-on training allowing them to incorporate text, audio, video and still images into timely online news and feature reports. They will be required to consider the application other online communication tools (Blogs, wikis, Myspace, YouTube etc.) in a modern journalistic environment. The praxis-based unit will see students work in rostered teams to create journalistic copy to be published online. They will also work independently to develop individual news or feature story highlighting the innovative possibilities of the online journalism medium.

KJB336 Radio and Television Journalism 2

Pre-requisites	CJB203 or KJB235
Equivalents	KJB338
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit includes the philosophy and formulation of radio and television news and current affairs, anchor techniques, and radio and television news production using computers.

KJB337 Investigative Reporting

Pre-requisites	CJB101 or KJB120
Credit Points	12

Campus	Kelvin Grove
Availabilities	Kelvin Grove - 6TP6, SEM-2

This is an advanced reporting unit stressing the watchdog role of the news media using investigative reporting approaches. In order to inform prescient news features, the class will examine, in depth two news issues that are central to the current news agenda. The unit is informed through a particular collection of research materials, which are provided as introductory information only, and through lectures particular to both the mission of investigative reporting and the salient features of the topics selected. The lecture-tutorial sequence contains a series of intensive lectures and tutorials early in the semester. These are followed in the later weeks of semester with feedback loop general sessions for discussion on feature development. An opportunity exists for a select number of students to undertake an international field trip in the 6TP6 teaching period (October - December). Please see the full unit outline for more information.

KKB180 Creative Futures

Equivalents	KYB102, KKB101, KKD101
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Creative Futures introduces you to the exciting ways that creative practitioners contribute to the world – now and in the future. In this unit, you will research trends and opportunities in creative disciplines of interest, discover which skills you'll need to be a successful creative practitioner, and devise an initial plan for your studies and career. You'll also learn information literacy and writing skills, which are essential for your studies and for professional practice in the Creative Industries.

KKB185 Creative Enterprise Studio 1

Equivalents	KKB102, KKD102, KYB101
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

In direct partnership with industry and/or

community, this foundational unit is the first in a series of three Creative Enterprise Studio experiences to conceptualise and negotiate the challenges that demand multi-faceted solutions and responses to diverse stakeholders and social agendas. Using a design thinking approach, and through collaborative interdisciplinary and multidisciplinary ways of thinking and practising, this unit provides critical boundary crossing competencies including teamwork, collaboration, networking, critical thinking and enterprise skills.

KKB192 Smash the Act - Indigenous Australian Politics

Equivalents	OUB120
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit investigates the distinctive feature of Indigenous knowledges and perspectives as the philosophical underpinning of Indigenous Australian politics. This unit is delivered through authentic experiences and individualized instruction, and learning through enjoyment, including learning by observation, doing and being in a shared learning environment. Indigenous pedagogy supports students' cognitive search for learning and processes where they can internalize, reflect, deconstruct and reconstruct contemporary Indigenous Australian politics. Indigenous knowledges are both empirical (that is, based on experience) and normative (that is, based on social values). This unit embraces both the circumstances people find themselves in and their beliefs about those circumstances in a way that is unfamiliar to Eurocentric knowledge systems.

KKB193 Indigenous Knowledge: Research Ethics and Protocols

Equivalents	OUB130, EDB040
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit investigates the distinctive feature of Indigenous knowledges and perspectives as the philosophical underpinning of Indigenous Australian politics. This unit is delivered through

authentic experiences and individualized instruction, and learning through enjoyment, including learning by observation, doing and being in a shared learning environment. Indigenous pedagogy supports students' cognitive search for learning and processes where they can internalize, reflect, deconstruct and reconstruct contemporary Indigenous Australian politics. Indigenous knowledges are both empirical (that is, based on experience) and normative (that is, based on social values). This unit embraces both the circumstances people find themselves in and their beliefs about those circumstances in a way that is unfamiliar to Eurocentric knowledge systems.

KKB341 Work Integrated Learning 1

Pre-requisites	Completion of 168 credit points of study
Anti-requisites	BEB701, BEB702, KKB343, KKB344
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

Creative Industries students will gain real world work experience in order to link university study with professional practice in their chosen industry. This advanced-level (capstone) unit is offered during the final years of an undergraduate degree course at which time students are able to transfer university skills and knowledge to a workplace or professional context.

KKB342 Work Integrated Learning 2

Pre-requisites	KKB341 or KKB343 or BEB701. KKB341 can be enrolled in the same teaching period as KKB342
Anti-requisites	BEB702
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

Creative Industries students will gain real world work experience in order to link university study with professional practice in their chosen industry. This advanced-level (capstone) unit is offered during the final year of an undergraduate degree course at which time students are able to

apply transferable skills to a workplace or professional context. This unit follows from KKB341 and must show learning from that unit as evidenced in your preparation documents for this unit.

KKB345 Creative Industries Project 1

Pre-requisites	Completion of 72 credit points of study relevant to the specific project
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

The Faculty of Creative Industries intends that its graduates practice as professionals in their respective discipline or disciplines. Increasingly, a major part of such practice is the instigation, management, monitoring, and reporting on Creative Industries projects. This unit offers experience at participating in an advertised project that may be offered by one or more disciplines in the Faculty. Normally projects are advertised in the preceding semester through the CIF Work Integrated Learning Blackboard Hub. For some students this unit will be taken as the first of two 'project' units related to the same project, in such cases this unit may be a prerequisite or corequisite to the second unit, KKB346 Creative Industries Project 2.

KKB346 Creative Industries Project 2

Pre-requisites	KKB345 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

The Faculty of Creative Industries intends that its graduates practice as professionals in their respective discipline or disciplines. Increasingly, a major part of such practice is the instigation, management, monitoring, and reporting on Creative Industries projects. This unit offers experience at participating in an advertised project that may be offered by one or more disciplines in the Faculty. Normally projects are advertised in the preceding semester through InPlace. This unit can extend upon work undertaken in KKB345 (CI Project 1) in the case of larger, more involved projects, or can be

used for a second discreet project.

KKB350 Creative Industries Study Tour

Pre-requisites	Completion of 72 credit points of study
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit is designed for students who have completed at least one year full time study of a QUT Creative Industries Faculty course and are ready to expand their horizons by gaining experience of national or international creative industries practice in creative precincts. These creative precincts include museums, galleries, fashion houses, tourist districts and the like. The unit provides opportunities for students to interact with recognised creative artists, designers and cultural professionals in creative precincts. **IMPORTANT:** Depending on the destination, the cost of a 2-3 week international tour is estimated at between three and five thousand dollars and domestic tours can be up to two thousand dollars.

KKB351 Work Integrated Learning 3

Pre-requisites	KKB342 or BEB702
Anti-requisites	BEB703
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

It is important that students gain real world work experience in order to link university study with professional practice. Students need to equip themselves not only with skills and discipline knowledge gained in the classroom, but also with understandings and experience gained from Work Integrated Learning so that they may function and flourish when they enter the workplace. This advanced-level unit is part of a four-unit Work Integrated Learning (WIL) minor in which each WIL unit has its own specific focus and objective in respect to understanding and reflecting on the workplace. Work Integrated Learning 3 builds upon foundational knowledge of professional practice and self-directed learning acquired in Work Integrated Learning 1

and 2 by extending the focus to reflection and analysis of how individual practice relates to the collective cultural context of the workplace.

KKB352 Work Integrated Learning 4

Pre-requisites	KKB351. KKB351 can be enrolled in the same teaching period as KKB352
Anti-requisites	BEB704
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

It is important that students gain real world work experience in order to link university study with professional practice. Students need to equip themselves not only with skills and discipline knowledge gained in the classroom, but also with understandings and experience gained from Work Integrated Learning so that they may function and flourish when they enter the workplace. This advanced-level unit is part of a four-unit Work Integrated Learning (WIL) minor in which each WIL unit has its own specific focus and objective in respect to understanding and reflecting on the workplace. Work Integrated Learning 4 builds upon foundational knowledge of professional practice and self-directed learning acquired in Work Integrated Learning 1, 2 and 3 by extending the focus to reflection and analysis of how individual practice relates to the collective cultural context of the workplace.

KKD101 Creative Industries: People and Practices

Equivalents	KKB101, KKB180, KYB102
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

KKD101 is the first of two foundation-level core units in the BCI and associated double degrees. During this unit, you will research potential creative career pathways for yourself, discover which skills you'll need to be a successful creative practitioner, and find out about career building strategies in the creative industries. You'll also learn information literacy and writing skills, which are essential for your studies and for

professional practice in the Creative Industries.

KKD102 Creative Industries: Making Connections

Equivalents	KKB102, KKB185, KYB101
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP2, 13TP3

The ability to work collaboratively and to communicate effectively is essential for all Creative Industries professionals. In this unit students will have the opportunity to acquire and apply research, collaborative practices and project management skills through the collaborative development of a Creative Industries project proposal. This unit is a complement to KKD101 Creative Industries: People and Practices and examines the practical requirements of creative entrepreneurship, and working collaboratively.

KKM001 Introduction to Personal Social Media Networking

Anti-requisites	KKP111
Credit Points	6
Campus	Online
Availabilities	Online - 6TP2

Social Media are an increasingly important part of social, professional and personal communication. This unit will provide you with the knowledge and skills to build your personal online presence effectively. As you map and analyse your personal social media presence you will apply critical social media theories of networks and influencers.

KKM002 Professional Networking Through Social Media

Anti-requisites	KKP111
Credit Points	6
Campus	Online
Availabilities	Online - 6TP3

This module will provide you with the skills and knowledge needed to build effective professional networks through social media with a focus on LinkedIn as well as other platforms such as Twitter

and Facebook. You will apply principles of effective social media communication and professional branding to establish and maintain an effective social media professional network.

KKN320 Advanced Workplace Learning

Pre-requisites	Completion of 36cp of study.
Equivalents	KKN330, KKN340-1, KKN340-2
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

As part of a substantive postgraduate learning experience, Creative Industries students should be able to demonstrate initiative, work well in a team and on their own, and apply self-directed learning and transferable skills within the context of their professional confines. The skills and discipline knowledge gained in university contexts are given greater depth and dimension when they are acted out and experienced in a real-world environment. In this unit you will gain work-based experience that connects your university studies to practice in your chosen industry.

KKP003 Project Design in the Creative Industries

Pre-requisites	Completion of 48cp in current course
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The cohesive and reflexive nature of creative practitioners permits their successful skill transfer to a variety of employment and project building opportunities. Understanding the importance of research design, collaboration and professional networking in the Creative Industries is therefore essential. This unit will help you develop and critique the relevance of research methods, collaboration and project design and management in your creative and professional practice.

KKP004 Innovation in the Creative Industries: Major Project

Pre-requisites	KKP003 and completion of 96cp
Co-requisites	KKP004-2
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This major project is the final and culminating activity of the Master of Creative Industries and Master of Advertising (Creative Advertising). It serves to focus each candidate's learning through a specifically designed and substantial project that seeks to realise innovations in the candidate's practice or workplace. Each project will be designed to 'fit' the scale, scope and focus of 48 credit points. This unit aims to provide the creative industries worker with an opportunity to plan, implement and evaluate a major project professional project in the Creative Industries. Such a project may be located in the candidate's workplace, worked in a group, constructed as an internship with an innovative firm or company or a piece of scholarly enquiry which addresses the challenges of innovation within one of the creative industries.

KKP004 Innovation in the Creative Industries: Major Project

Co-requisites	KKP004-1
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This major project is the final and culminating activity of the Master of Creative Industries and Master of Advertising (Creative Advertising). It serves to focus each candidate's learning through a specifically designed and substantial project that seeks to realise innovations in the candidate's practice or workplace. Each project will be designed to 'fit' the scale, scope and focus of 48 credit points. This unit aims to provide the creative industries worker with an opportunity to plan, implement and evaluate a major project professional project in the Creative Industries. Such a project may be located in the candidate's workplace, worked in a group, constructed as an internship with an

innovative firm or company or a piece of scholarly enquiry which addresses the challenges of innovation within one of the creative industries.

KKP004 Innovation in the Creative Industries: Major Project

Co-requisites	KKP004-3
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This major project is the final and culminating activity of the Master of Creative Industries and Master of Advertising (Creative Advertising). It serves to focus each candidate's learning through a specifically designed and substantial project that seeks to realise innovations in the candidate's practice or workplace. Each project will be designed to 'fit' the scale, scope and focus of 48 credit points. This unit aims to provide the creative industries worker with an opportunity to plan, implement and evaluate a major project professional project in the Creative Industries. Such a project may be located in the candidate's workplace, worked in a group, constructed as an internship with an innovative firm or company or a piece of scholarly enquiry which addresses the challenges of innovation within one of the creative industries.

KKP004 Innovation in the Creative Industries: Major Project

Pre-requisites	KKP004-2 (can be enrolled in the same teaching period)
Co-requisites	KKP004-4
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This major project is the final and culminating activity of the Master of Creative Industries and Master of Advertising (Creative Advertising). It serves to focus each candidate's learning through a specifically designed and substantial project that seeks to realise innovations in the candidate's practice or workplace. Each project will be designed to 'fit' the scale, scope and focus of 48 credit points. This unit aims to provide the creative industries worker with an opportunity to plan, implement and

evaluate a major project professional project in the Creative Industries. Such a project may be located in the candidate's workplace, worked in a group, constructed as an internship with an innovative firm or company or a piece of scholarly enquiry which addresses the challenges of innovation within one of the creative industries.

KKP113 Creative Project

Pre-requisites	Completion of 36cp. The units can be studied in the same teaching period as KKP113
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is the culminating activity of the Graduate Certificate of Creative Industries. It serves to focus your learning through a focused professional development task or activity. The unit will offer opportunities to work independently, and learn from practice in disciplines other than your own, while still focusing on current methods of approach in your own field of practice.

KKP601 Approaches to Research in Creative Industries

Equivalents	KKP609, KKP624
Credit Points	12
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - SEM-2 (Block) Kelvin Grove - SEM-1 (Block)

There are many forms of enquiry suited to the diverse range of disciplines which make up the Creative Industries. These forms of enquiry typically fall within qualitative research traditions, creative practice as research and applied commercial research. This unit plays a key role in your research degree by introducing you to the most appropriate form of enquiry for your study and providing you with the strategies, methods and protocols for designing, implementing and evaluating that study.

KKP603 Research in the Creative Sector

Pre-requisites	KKP601
Credit Points	12
Campus	Kelvin Grove

Units

Availabilities	Kelvin Grove - SEM-2 (Block)
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This unit aims to provide Creative Industries practitioners with an understanding of the theory and practice of research project development through an integrated view of the concepts, skills, tools and techniques involved in establishing Creative Industries research projects. The unit builds on the research skills, tools and knowledge of resources acquired in KKP601 Approaches to Research in Creative Industries to develop and present a Project Proposal, the first major milestone of the Doctor of Creative Industries.

KKP609 Approaches to Media, Communication and Cultural Research

Co-requisites	IFN001
Equivalents	KKP601, KKP624
Credit Points	12
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - SEM-2 (Block) Kelvin Grove - SEM-1 (Block)

This unit plays a key role in your research degree by introducing you to the fundamentals of good research and standards of presentation. The unit helps you develop the skills to manage your own research project.

KKP616 Postgraduate Independent Study

Equivalents	KKN006
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SUM

This unit enables students to undertake independent work of an artistic or scholarly nature which is of appropriate scope. The student devises an outline and proposal of project study and/or creative practice in consultation with a staff supervisor. Artistic outcomes would be expected to be to the standard of public showing. Written work requires a minimum of 6000 - 10000 words, or equivalent if other media/reportage is used.

KKP622 Advanced Reflective Practice

Pre-requisites	KKP603 and KKP623
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit enables deeper critical analysis of professional practice in its site and field and in relation to an appropriate academic research framework. The reflective process and tacit knowledge made explicit should inform and influence the DCI research project work. Conceptual reference points and the analysis of practice are extended by investigating theoretical frameworks from other fields that may assist in building a more complete understanding of an individual's industry practice. The unit culminates in a public presentation of part of a larger DCI Project.

KKP624 Approaches to Design Research

Pre-requisites	Admission into IF49 or KK51 or KK59 or KK60
Equivalents	KKP601, KKP609
Credit Points	12
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - SEM-2 (Block) Kelvin Grove - SEM-1 (Block)

As you commence your postgraduate research degree, this unit plays a key role in introducing you to appropriate forms of enquiry for your own research, and providing you with the philosophies, frameworks, methodologies and protocols for planning, implementing and evaluating that research within a Design and Creative Industries context.

KMB109 Creative Practice in Music

Equivalents	KMB138, KMB141
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit establishes a community of practice with an emphasis on collaborative music-making that you can draw on to inform your own work. It introduces you to a range of music

contexts, concepts and techniques to help you better understand your practice and that of your peers, and to be better positioned and equipped to respond as appropriate.

KMB118 Musicianship 1

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit develops your awareness, critical analytical and synthesis skills across a broad range of music and sound contexts and concepts. It complements other creative, practical and analytical units in the degree by fostering a deeper understanding of music and sound.

KMB119 Music Production 1

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit introduces you to the fundamental principles of music and sound production through a mix of theory and practice. You will gain an understanding of sound recording, sound production and live sound reinforcement, while developing listening skills essential for music and sound production. The unit prepares you for later music production and creation units.

KMB128 Musicianship 2

Pre-requisites	KMB118 or (KMB122 and KMB137)
Equivalents	KMB139, KMB141
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit develops your awareness, critical analytical and synthesis skills across a broad range of music and sound contexts and concepts. It complements other creative, practical and analytical units in the degree by fostering a deeper understanding of music and sound.

KMB129 Music Production 2

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit builds on Music Production 1. It introduces you to sequencing, sound synthesis, and signal processing as approaches to contemporary music composition and production. You will gain an understanding of the approaches and aesthetics that underpin music production and performance in the digital domain. The unit prepares you for later music creation units.

KMB200 Music Scenes and Subcultures

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit will explore many of the major musical subcultural movements of the last sixty years through an interdisciplinary approach. To understand how music operates as a form of social, cultural and political communication this unit explores the various contexts in which music circulates and is made meaningful.

KMB215 The Music Industry

Equivalents	KMB301, KMB056
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit gives a working knowledge of the structural, legal and business aspects of the Australian and global music industries by engaging with real world music industry professionals and formulating a number of strategies to reflect this.

KMB216 Audio / Visual Interaction

Equivalents	KKB216
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The ability to build custom audio/video performance and composition systems enables digital media artists to create unique interactive works. Graphical development environments are an ideal entry point for creating these systems as they enable rapid prototyping of ideas and do not require in depth knowledge of computer coding. This unit gives you a grounding in the concepts and processes required to build interactive media works.

KMB219 Music and Sound Production 3

Pre-requisites	KMB119 and KMB129 and KMB138
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit builds upon the first year foundation units in Music and Sound Production. It introduces students to the recording studio control room, focussing on microphone captured audio and the integration of electronic and acoustic resources and extends the student's understanding of the approaches and aesthetics underpinning creative music and sound production. Students will further develop practical skills in music and sound composition and deepen their knowledge of the hardware and software commonly used in creative production.

KMB225 Creative Studio 3

Pre-requisites	KMB135 or KMB138 or KMB141
Equivalents	KMB214-2
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Successful musicians need to establish a distinctive creative reputation within a complex professional environment. They need to develop critical skills to understand their work in context and how it can be connected to an audience. This unit builds on and extends students' practical skills in the development and presentation of new creative works. As the third of six units in creative musical practice, it builds deeper engagement and knowledge through which students will explore and present new work with peers in a professionally engaged environment.

KMB229 Music and Sound Production 4

Pre-requisites	KMB219
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit builds upon Music and Sound Production 1, 2 and 3. It introduces students to the concept of the studio as

an instrument. By developing advanced studio recording techniques and focussing on creative relationships, it extends the student's understanding of the approaches and aesthetics underpinning creative music and sound production. Students will further develop practical skills in music and sound composition and deepen their knowledge of the hardware and software commonly used in creative production.

KMB235 Creative Studio 4

Pre-requisites	KMB225
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Successful musicians need to establish a distinctive creative reputation within a complex professional environment. They need sound critical skills to understand their work in context and how it can be connected to an audience. This unit continues to build on and extend students' practical skills in the development and presentation of new creative works. As the fourth of six units in creative musical practice, it continues to build deeper engagement and knowledge through which students will explore and present new work with peers in a professionally engaged environment.

KMB237 Critical Listening 3

Pre-requisites	KMB139 or KMB141 or KMB135
Equivalents	KMB325
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Successful musicians need to form and negotiate their creative identity within a complex field of practice. This unit helps you develop critical skills to understand music in context and how it can be connected to an audience. It further develops your critical aural skills and theoretical knowledge in the recognition and understanding of a broad range of music and musical practices. As the third of four units in the development of these skills, it provides an opportunity for you to explore and analyse musical and sonic ideas with peers, at an intermediate-advanced level, in a staff directed environment.

KMB239 Critical Listening 4

Pre-requisites	KMB237 or KMB325
Equivalents	KMB335
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Successful musicians need to form and negotiate their creative identity within a complex field of practice. This unit completes the development of your critical skills to understand music in context and how it can be connected to an audience. It develops and consolidates your critical aural skills and theoretical knowledge in the recognition and understanding of a broad range of music and musical practices. As the last of four units in the development of these skills, it provides an opportunity for you to explore and analyse musical and sonic ideas with peers, at an advanced level, in a staff directed environment.

KMB250 Creative Performer 1

Pre-requisites	KMB119 and KMB129 and KMB138
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit aims to develop the skills and understanding necessary for generating original creative work through extension and experimentation. It adds to the foundational knowledge and ideas delivered in Music and Sound Concepts 1 & 2 and draws on technical content introduced in Music and Sound Production 1 & 2.

KMB251 Creative Performer 2

Pre-requisites	KMB250
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit adds to the contextual knowledge and conceptual frameworks delivered in Creative Performer 1 and further develops the skills required to generate original creative work at a greater depth of experimentation and musical knowledge.

KMB252 Multi-Platform Sound Design

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit builds on previous audio recording knowledge and uses a range of tools to design and develop sound content for multi platform delivery such as television, mobile phones, web, games, virtual worlds and social networks. You will gain an understanding of a variety of working methods and delivery formats for audio in multiplatform contexts, and develop practical skills essential to successful collaboration and creation.

KMB319 Music and Sound Production 5

Pre-requisites	KMB229
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit builds upon Music and Sound Production 1, 2, 3 and 4. It focuses on the skills needed for the delivery and professional presentation of developed work in a variety of creative production areas. It deepens understanding of creative relationships and extends the student's understanding of the approaches and aesthetics underpinning creative music and sound production. Students will further develop practical skills in music and sound composition and deepen their knowledge of the hardware and software commonly used in creative production.

KMB329 Music and Sound Production 6

Pre-requisites	KMB319
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This capstone unit extends and completes students' skills developed in Music and Sound Production 1, 2, 3, 4 and 5. It focuses on the skills needed for the delivery and professional presentation of developed work in a variety of creative production areas. It deepens understanding of creative relationships and extends the student's understanding of the approaches and aesthetics underpinning creative music and sound production. Students will develop further

practical skills in music and sound composition and deepen their knowledge of performance direction and session management techniques commonly used in industry standard creative production.

KMB336 Creative Studio 5

Pre-requisites	KMB235
Equivalents	KMB325
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Successful musicians need to establish their professional reputation in a complex and fast changing field of practice. They need to develop critical skills to understand their practice in context and how it can be connected to multiple audiences. This unit draws on the experiences gained from the previous four creative practice units through the refinement of practical skills in the creation and presentation of new music. It assists you to consolidate your skills as an artist and collaborator within a global field of practice. As the fifth of six units in creative practice, it provides an opportunity for you to envision and begin to realise your reputation and standing within a professionally engaged environment.

KMB337 Creative Studio 6

Pre-requisites	KMB336 or KMB325
Equivalents	KMB335
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This is the Capstone unit for the Bachelor of Music degree. It draws on student the experience from all five previous creative practice units. You will lead and participate in individual or collaborative projects to produce the most fully realised portfolio of work in your degree. The portfolio will demonstrate that you have developed a sophisticated and professional voice over the three years of your study. It will also demonstrate a high level of professional activity and engagement. It will be launched to a public audience, be supported by a marketing and promotional plan, and demonstrate the highest professional values and an awareness of global potentials in your chosen field.

KMB350 Creative Performer 3

Pre-requisites	KMB251
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit aims to develop the skills and understanding necessary for generating original creative work through extension and experimentation. It adds to the foundational knowledge and skills developed in Creative Performer 1 and 2.

KMB351 Creative Performer 4

Pre-requisites	KMB350
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This capstone unit builds on Creative Performer 1, 2 and 3, and examines the student's own musical practice in relation to finding a distinctive and accomplished performance profile, as well as the ability to respond well to direction.

KMP101 Music (Primary / Instrumental) Curriculum Studies 1

Anti-requisites	KMB101
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

A foundation study in Primary or instrumental music specialization focusing upon the fundamentals of teaching, lesson planning and developing a philosophy appropriate to music education practice.

KMP201 Music (Secondary) Curriculum Studies 1

Anti-requisites	KMB201
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

A foundation study in secondary music and sound curriculum focusing upon the fundamentals of teaching, lesson planning and developing a philosophy appropriate to music and sound education practice.

KMP202 Music (Secondary) Curriculum Studies 2

Pre-requisites	KMP201
Anti-requisites	KMB202
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Further study in classroom music and sound curriculum focusing upon more advanced teaching methods, unit planning and the development of an approach to philosophy in action appropriate to music and sound education practice in the senior secondary context.

KMP203 Music (Secondary) Curriculum Studies 3

Pre-requisites	KMP202 (can be enrolled in the same teaching period)
Anti-requisites	KMB203
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides advanced study in classroom music and sound curriculum, focusing upon innovative teaching methods and planning, whole school community cultural management and the development of an approach to inclusive philosophy which enables a holistic and integrated approach to music and sound education that responds synergistically to individual secondary school communities and facilitates meaningful and engaging music and sound environments.

KNB125 Animation History and Context

Equivalents	KNB113, KNB122, KNB111, KIB110, KIB220, KVB106
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This introductory unit provides you with fundamental aspects of animation craft along with an understanding of the historical aspects and key practitioner that have impacted the development animation theories and practices. These core concepts will enable you to succeed in your animation studies by building foundational knowledge underpinning further animation studies within units such as KNB135 Animation Aesthetics and

KNB215 Animation Performance which builds upon these skills and knowledge toward a complete and deep understanding of animation theories and practices.

KNB126 Motion Design

Equivalents	KNB123, KIB105
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The unit Motion Design encapsulates the foundational aspects of visual narratives and explores the craft of expressing them in a sequential temporal format. The richly diverse field of motion design impacts a wide range of creative areas with fields such as graphic design, animation, visual effects, sequential art, film and games all offering opportunities in motion design. This unit breaks down the motion design process from start to finish and aims to introduce you to the concepts and methods employed within the field of motion design to develop and communicate visual narratives. While this unit offers animation students core fundamental knowledge and processes, the content will also offer students within other creative disciplines an opportunity to develop cross-disciplinary knowledge and skills to enhance your practice and employability.

KNB127 CGI Foundations

Equivalents	KNB124, KIB111, KIB203
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

In the evolving fields of animation, games and graphical visualisation, you will require new literacies and skills to participate fully in the 3D Computer Graphics production process. By introducing you to principles, processes, methods and theories of modelling; the architecture of 3D graphics; and node based applications, you will gain a foundational understanding of 3D graphics production.

KNB135 Animation Aesthetics

Equivalents	KNB211
Credit Points	12
Campus	Kelvin Grove

Units

Availabilities

Kelvin Grove
- SEM-2

This unit further develops your knowledge and skills of 3D animation, introducing you to the methods and processes involved in animating CG characters to achieve convincing and appealing actions.

KNB136 Visual Storytelling: Production Design

Equivalents	KNB112, KVB105
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit will introduce you to the foundational drawing skills and processes employed in the visual development phase for animated, live action films and games. Covering sets, props and character model sheets for production ready designs, the emphasis will be on the conceptualising process as well as the drawing techniques that will enable you to effectively visualise and communicate your ideas more effectively. As such, the content in this unit is your link to pre-production and production units, such as KNB216 Visual Storytelling: Cinematic Pre-Visualisation and KNB226 Visual Storytelling: Pre-Production, as well as your final year capstone project.

KNB137 Digital Worlds

Pre-requisites	KNB127 or KNB124
Equivalents	KNB212, KIB325, KIB215
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit focuses on the development and application of 3D assets, with the overall aim being to provide you with a strong foundation in the practices and concepts associated with real-time graphics production. This unit builds upon the fundamental 3D skills of modelling, texturing and animating obtained during KNB127 CGI Foundations while laying the critical groundwork needed for more specific 3D pipelines undertaken in KNB217 Digital Creatures.

KNB215 Animation Performance

Pre-requisites	KNB135 or KNB211
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Building upon your animation studies undertaken in KNB135 Animation Aesthetics this unit expands your understanding of performance within animation. This unit offers further opportunity to study and apply the principles, processes and theories of animation through the creation of engaging characters performance, building core skills and knowledge needed to undertake KNB225 Advanced Animation Performance.

KNB216 Visual Storytelling: Cinematic Pre-Visualisation

Pre-requisites	KNB136 or KNB112
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit expands upon drawing skills as applied to concept design learned in KNB136 Visual Storytelling: Production Design, and introduces you to the devices and techniques employed in cinematic narratives through storyboarding and animatics. Students will practise and refine their drawing and storytelling skills while working on script based sequences that employ screen language techniques in order to create meaning, emotion and deliver an engaging story. The knowledge gained in this practice based unit is relevant to animation, live action and games. The unit is your link to pre-production and production units, such as KNB226 Visual Storytelling: Animation Pre-Production, and your final year capstone projects.

KNB217 Digital Creatures

Pre-requisites	KNB137 or KNB212
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit focuses on the creation of 3D Digital Creatures. The unit builds upon the production techniques introduced in KNB127 CGI Foundations and KNB137

Digital Worlds, and enables students to develop, create and animate 3D creature assets, ready to be inserted into a digital production pipeline.

KNB225 Advanced Animation Performance

Pre-requisites	KNB215 or KNB211
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit builds upon the fundamental animation techniques from Animation Theory and Practice 1, 2 and 3, refining and further expanding on action, acting skills and narrative based characterisation. The animators will study body language, expression and timing for effective communication in sequenced shots, as actors and directors at the same time. Students will be the Animation Directors of their sequences, designing complex performances that include a range of emotions and creatures. This unit will bring depth and breadth to your understanding of animation performances and techniques and will allow you to work on capstone projects for third year films in a studio like production environment.

KNB226 Visual Storytelling: Animation Pre-Production

Pre-requisites	KNB216 or KNB122
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit consolidates and expands your concept development, production design and pre-production knowledge and skills acquired in KNB136 Visual Story: Production Design and KNB216 Visual Story: Cinematic Pre-Visualisation. The main focus of the course is developing designs and storyboarding based on original concepts and stories to a production ready level for animation, live action and games. As part of this unit you will develop, pitch, direct and project-manage your own short film to an animatic form ready for production. This unit will bring depth and breadth to your drawing and painting practice as well as provide you with advanced direction skills required of an emergent animation professional.

KNB227 CGI Technologies

Pre-requisites	KNB137 or KNB212
Equivalents	KNB222, KIB226, KIB316
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit enables you to develop an advanced understanding of modern real-time production processes within a team based project. The unit also offers you an opportunity to explore your selected area of CGI production and advance your knowledge of practice within this field in preparation for undertaking the final year capstone projects.

KNB310 Advanced Animation Production 1

Pre-requisites	24cp from (KNB225 or KNB221), (KNB226 or KNB122) and (KNB227 or KNB222)
Equivalents	KNB311, KIB320
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit consolidates your studio working practices, while supporting you to develop advanced skills and concepts in computer animation production. This unit will bring a depth and breadth to your practice and provide you with the production management and direction skills required of an emergent animation professional. The experiences within this unit adhere directly into the final semester unit, Advanced Animation Production Two.

KNB321 Advanced Concepts in Computer Animation 2

Pre-requisites	KNB310 or KNB311 or KIB320
Equivalents	KIB330, KIB313
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

To prepare for life outside of the academic institution, it is important to be able to showcase your work, with knowledge of the requirements of your field. As a capstone unit, Advanced Concepts in Computer Animation 2 gives

you the opportunity to present yourself and your work in a portfolio and show-reel. The studio continues to develop production skills, concentrating on final output and postproduction for exhibition.

KPB101 Introduction to Screen Production

Equivalents	KPB117
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit introduces the principles and technologies of video production for both cinema and television. This includes the roles and responsibilities of production teams, production management, design and practice. Lectures by experts in the major production areas of producing, directing, and cinematography, editing and sound will inform your practice. As a major part of your assessment you will work in groups to produce videos.

KPB113 Screen Text Analysis

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Film and television production is an art-form and a business, and screen practitioners, critics and educators value media literacy based on critical and informed approaches to textual analysis. Taking into account shifts in industry and audience expectations in the new media environment, textual analysis can be applied to a diverse range of popular film and television texts from blockbuster movies to cult television programs.

KPB116 Introduction to Screenwriting

Equivalents	KWB102
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit will introduce you to the various principles, elements and stages that make up the scriptwriting process for narrative production. Skills needed to generate and select ideas, write synopses, and draft scripts will be developed through studying and applying the key creative components of writing for

the screen.

KPB117 Screen Crafts: Non-Fiction

Equivalents	KPB101, KPB115
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit acknowledges many first-year screen production students have prior learning and reinforces and builds upon that learning by engaging with the principles and technologies of screen production. Students learn screen language and production practices, roles and responsibilities of production teams, production management, design and practice. Lecture delivery by experts in the major production areas of producing, directing, and cinematography, editing and sound informs this practice. Students work in groups to produce non-fiction videos which form a major part of their assessment.

KPB120 Contemporary Screen Histories

Equivalents	KPB109, KIB108, KNB121
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The styles of recent screen productions (how they look and sound) are the result of past and contemporary creative innovations associated with key individuals, production houses, and studios over an extended period of time. This unit considers the styles of screen productions such as movies, television shows, and video games as being the result of evolving production practices, technological developments, individual and collaborative creative endeavours, and audience expectations.

KPB121 Screen Business

Equivalents	KPB110
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The movie, TV and new media businesses are key parts of the entertainment industry, which is one of

Units

the biggest in the world. For anyone interested in working in these media an understanding of how they function as businesses is vital. This unit provides an introduction to producing, writing and theoretical aspects of the movie, TV and new media businesses.

KPB122 Screen Crafts: Narratives

Pre-requisites	KPB101 or KPB117
Equivalents	KPB105
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit builds on and advances basic understandings, skills and principles delivered in KPB101 or KPB117. An introduction to the skills of sound and lighting complements the earlier core skills of camera, editing, directing and production management. Assessment consists of the production of a short narrative video.

KPB208 Screen Genres

Equivalents	KPB112
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Genre is central to understanding the industrial context and visual form of movies, television, and productions on other screens. Genre screen productions appeal to local and international audiences. As screen genres adapt and change, it is crucial to appreciate genre conventions, as well as genre inventions and innovations. Such an appreciation can be achieved by investigating those genre elements that might have contributed to the commercial, critical, or creative success of recent genre screen productions. Considering the impact of genre on these productions provides insights into the cultural, entertainment, and creative functions of screen genres.

KPB215 Advanced Screenwriting

Pre-requisites	KPB116 or KWB102
Equivalents	KPB207
Credit Points	12
Campus	Kelvin Grove

Availabilities	Kelvin Grove - SEM-1
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Screenwriting occurs within specific socioeconomic frameworks and is supported by specific industry practices. Working within these models, you will become aware of the scope and limitation of scriptwriting for screen projects. In this unit you will have the opportunity to build and extend basic screenwriting techniques, and explore topics such as the role of screenwriters in the industry.

KPB216 Screen Content Production Management

Pre-requisites	KPB121 or KPB110
Equivalents	KPB210, KPB104
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit considers the role of the production manager, with a particular focus on the phases of pre-production and production. We examine how the production manager supports the producer in screen production projects, ensuring that the needs of the production have been addressed via a preliminary schedule and draft budget, within all legal and insurance constraints. The unit introduces you to the importance of working within the resources available in order to achieve the necessary production values on screen in a highly competitive market place.

KPB217 Screen Crafts: Experiments

Pre-requisites	KPB122 or KPB105
Equivalents	KPB201
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Filmmakers must push the aesthetic and narrative boundaries of cinema in order to find their own distinctive voice and style. In this unit, students will have the chance to test their imaginative limits and creative abilities using both vision and sound.

KPB220 Factual Screens

Equivalents	KPB205
Credit Points	12
Campus	Kelvin Grove

Availabilities	Kelvin Grove - SEM-2
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The documentary filmmaking tradition has involved many crucial aesthetic, technical and ethical concerns throughout history. This unit introduces this significant tradition of documentary production. For KK34 (Film, Screen and Animation) students, the unit is a preparation for the documentary practical production unit, through learning to assimilate the principles outlined in the unit into their own documentary scripts and productions. For non-KK34 (Film, Screen and Animation) students, the unit provides an opportunity to address the theoretical underpinnings of the documentary form, and the processes of documentary production.

KPB221 Screen Project Development

Pre-requisites	Completion of 72 credit points of Film and Screen units (KP% units).
Equivalents	KPB302
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Those who fail to plan, plan to fail. This tried and tested adage applies to every crew member and department employed to realise all manner of screen productions. Hard-to-come-by financing, tight budgets and schedules and the expectation for high quality, innovative content mean that the planning phase of project development and pre-production is essential.

KPB222 Screen Crafts: Multi-Camera and Single-Camera Production

Pre-requisites	KPB122 or KPB105
Equivalents	KPB213, KPB214
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Students seeking employment in the screen industries require knowledge and experience in a wide variety of production styles. This unit introduces multi-camera production techniques, and contrasts it in approach and production methodologies to single-camera production.

KPB315 Global Screen Studies

Pre-requisites	KPB113
Equivalents	KPB206
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit examines a range of national cinemas from a global perspective. Key theoretical approaches to national/transnational cinemas are covered, along with significant historical, textual, representational and ideological issues. The critical challenges posed by productions from these different cultures to Hollywood mainstream productions are also explored.

KPB320 Advanced Production 1

Pre-requisites	Completion of 120 credit points of KPB coded units
Equivalents	KPB301
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Designed for students in their final year of study, this unit involves short film, television and new media production primarily in the communication of non-fictional events. Students work in groups and independently under supervision. It provides opportunities for students to specialise in directing, producing, cinematography, sound, vision editing, screenwriting and new media applications at an advanced level.

KPB321 Advanced Production 2

Pre-requisites	KPB320
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Designed for students in their final year of study, this unit involves short film, television and new media production primarily in the communication of fictional events. Students work in groups and independently under supervision. It provides opportunities for students to specialise in directing, producing, cinematography, sound, vision editing, screenwriting and new media applications at an advanced level.

KPB325 Screen Issues

Pre-requisites	KNB121 or KPB120 or KPB109
Equivalents	KNB313
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Screen Issues recognises the diversity of screen practices in digital culture contexts. It examines screen production and consumption across a range of contemporary contexts and links these developments to professional, industry practitioner development. Screen Issues considers the effect of screen forms on the experience of visual culture and investigates the relationship between evolving digital technologies and existing media.

KRB111 Stage Management 1

Equivalents	KSB111
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit introduces the coordination of a live theatre production including theatre layout and terminology, role of the stage manager, duties and responsibilities from pre-rehearsal to close of season, communication procedures and rehearsal room procedures.

KRB112 Stage Management 2

Pre-requisites	KTB111
Equivalents	KRB211, KSB211
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit introduces the management issues in areas of stage mechanics, flying, props and wardrobe and preparation of students to undertake performance crew roles in these departments. It provides an introduction into stage management for Dance, Opera and Musicals.

KRB115 Production Practice 1: Fundamentals of Performance Production

Equivalents	KRB101
Credit Points	12

Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Production Practice 1 is an introduction to the Production Arts in a theatrical environment. This unit is taught through a combination of theoretical and practical approaches, laying the foundations for future engagement in the specialised fields of live theatre production.

KRB116 Production Practice 2: Approaches to Performance Production Technologies

Pre-requisites	KRB115
Equivalents	KRB104
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Production Practice 2 builds on the foundations laid in Production Practice 1, expanding on your knowledge of the Production Arts in a theatrical environment. This unit is taught through a combination of theoretical and practical approaches, further advancing your engagement in the specialised fields of live theatre production.

KRB120 Scenography 1: Introducing Performance Design

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit introduces students to theoretical concepts and principles associated with scenography, historical trends in theatre design and the background associated with the broad vocabulary of techniques, technology and terminology.

KRB121 Scenography 2: Creating Worlds for Theatre

Pre-requisites	KRB120
Equivalents	KSB215
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit introduces students to the concepts and processes associated with the creation of scenography – the world of the theatrical performance. It combines studio-based practical investigations with

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in-depth lectures on the application of design, including the role of the contemporary production designers, the design process and techniques. This unit furthers the students exploration into scenography by applying theories from prior units into a practical setting

KRB217 Production Practice 3: Design in Performance Production

Pre-requisites	(KRB112 or KRB211) and (KRB116 or KRB104)
Equivalents	KSB217
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Production Practice 3 further advances the concepts and skills presented in the Production Practice foundation units, and expands your knowledge of the Production Arts in a theatrical environment. This unit consolidates managerial and technical skills and encourages students to start exploring their own independent creative practice.

KRB218 Production Practice 4: Management in Performance Production

Pre-requisites	KRB217
Equivalents	KSB218
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Production Practice 4 builds on previous units and advances student's knowledge and practice to prepare them for industry work placements in their final year of study. This unit provides ongoing support for students as they continue to develop their technical, managerial and creative practice.

KRB220 Scenography 3: Into the 21st Century

Pre-requisites	KRB120
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit challenges students to undertake a detailed interrogation of the evolution of scenography through the

20th Century into the 21st Century within the changing fields of theatre and performance.

KRB221 Scenography 4: Intermedial Theatre

Pre-requisites	KRB121 and KRB220
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit introduces students to the concepts and principles associated with creating scenography for the intermedial theatre. The final in the Scenography minor, this unit is a studio-based unit comprised predominantly of ongoing practical work that students complete under the close guidance and instruction of QUT academic staff and external industry professionals.

KRB303 Advanced Technical Production Practice A

Pre-requisites	KRB218
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit exposes students to the rigours of industry-standard production processes by providing opportunities in creative, technical and/or managerial capacities with the professional workplace. Students will undertake an Industry Secondment with an established production partner/project. This unit encourages students to be pro-active in seeking opportunities for professional exposure and development.

KRB304 Advanced Technical Production Practice B

Pre-requisites	KRB218
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit is the second unit in the Advanced Technical Production Practice minor and exposes students to the rigours of industry-standard production processes by providing opportunities in creative, technical and/or managerial capacities with the professional workplace. Students will undertake an Industry Secondment with an established production partner/project. This unit encourages

students to be pro-active in seeking opportunities for professional exposure and development.

KRB305 Production Practice 5

Pre-requisites	KRB218
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Production Practice 5 exposes you to the rigours of public performance and production processes by providing you with practical opportunities. This unit provides students senior positions in creative, technical or management capacities on QUT Creative Industries productions.

KRB306 Production Practice 6

Pre-requisites	KRB305
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Production Practice 6 exposes you to the rigours of public performance and production processes by providing you with practical opportunities. This unit provides students senior positions in creative, technical or management capacities on QUT Creative Industries productions. This is the final Production Practice unit and students are expected to demonstrate a highly-developed level of specialist practice in anticipation of their entry into the professional sphere.

KSB103 Acting Skills 1: Introducing Vocal and Physical Dynamics

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

You will engage with the fundamentals of movement and voice production for actors, focusing on instrumental skills and ensemble development, working and learning in a dynamic practice-centred studio environment.

KSB104 Acting Skills 2: Embodying and Voicing Text and Story

Pre-requisites	KSB103
Credit Points	12

Units

Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

You will engage with the fundamentals of movement and voice production for actors, focusing on instrumental skills and ensemble development, working and learning in a dynamic practice-centred studio environment.

KSB116 Acting Practice 1: The Actor and their Texts

Equivalents	KSB107
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

You will be introduced to the fundamentals of acting practice applicable to both screen and stage, focusing on the creative interaction of imagination, instrumental skills, responsiveness, text analysis and ensemble development.

KSB119 Acting Studies 1: Realism in Film and Theatre and the Stanislavsky Heritage

Equivalents	KSB107
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

You will be introduced to the acting theory associated with Stanislavsky-based traditions of Acting, including the vocabularies, the concepts, the myths and the controversies. This is essential study for practitioners involved with acting realism, including actors, drama teachers, script-writers, film and theatre directors and producers, or indeed anyone interested in deepening their understanding of the art of acting.

KSB126 Acting Practice 2: The Actor and the Performance Space

Pre-requisites	KSB116
Equivalents	KSB108
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit further develops skills and understanding of the fundamentals of acting exploring their practical application across different dramaturgical contexts and staging languages. It builds on

KSB116 Acting Practice 1: The Actor and their Texts, and prepares the way for performing in a range of roles and characters in projects for stage and screen in your second year.

KSB129 Acting Studies 2: Innovations in Acting Methodologies for Screen and Stage

Equivalents	KSB108
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Outside the Stanislavsky based acting tradition sits a range of acting theorists and training methodologies that have been enormously influential in the development of a number of contemporary actors, directors and other creative practitioners. In this unit you will be challenged to explore the notion and value of cultural and artistic difference, investigating its language and vocabularies, its concepts and perspectives, and its potential application to your own creative practice and how you think about its purpose and development.

KSB210 Screen Acting 1: The Actor and the Camera

Pre-requisites	KSB126 or KSB108
Equivalents	KSB223
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit introduces you to the core performing skills associated with contemporary acting for camera, in a simplified classroom, television studio or location setting. It establishes the basis for the kind of raw, authentic, emotionally honest, technically sophisticated and compelling screen performances that are becoming the hallmark of the QUT-trained actor.

KSB220 Screen Acting 2: Studio Collaborations

Pre-requisites	KSB210 or KSB223
Equivalents	KSB224
Credit Points	12
Campus	Kelvin Grove

Availabilities	Kelvin Grove - SEM-2
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This unit builds on KSB223 Screen Acting 1: The Actor and the Camera, focusing on developing absorbing screen performances, working both singly in a self-test environment, and by collaborating with the film-making creatives and crew in a studio environment, while managing the associated industry-based technical protocols. You will learn how to work quickly and effectively with a cross-disciplinary team of television artists and technicians.

KSB236 Acting Practice 3: The Collaborative Storyteller

Pre-requisites	KSB126 or KSB108
Equivalents	KSB229
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit introduces practical opportunities to apply your developing knowledge, understanding and skills in acting to a variety of cultural and staging contexts in live theatre projects, collaborating with a range of creatives including directors, designers and performance technology specialists.

KSB239 Acting Studies 3: The Actor and the Screen

Pre-requisites	KSB119 or KSB107
Equivalents	KSB229
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

In this unit you will examine the academic and industry literature around screen acting and relate it to a study of film and television acting, actors and performance styles across a range of periods, genres and cultural settings.

KSB246 Acting Practice 4: The Actor and the Audience

Pre-requisites	KSB236 or KSB229
Equivalents	KSB230
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove

Units

- SEM-2

This unit provides practical opportunities, with more complex challenges, to further extend and practice your developing knowledge, understanding and skills in acting. It involves participation across a number of projects, providing a variety of dramaturgical, staging and cultural contexts while learning to perform to live audiences. It is designed to prepare you for a range of live theatre projects that you will act in, within the two third year units of Situated Creative Practice, in order to bring your skills to industry-readiness by the completion of your course.

KSB249 Acting Studies 4: Acting in the Digital Space

Pre-requisites	KSB129 or KSB108
Equivalents	KSB230
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

In this unit you will combine an investigation into accessible digital communication, production and distribution technologies relating to screen acting, with the formulation of collaborative and entrepreneurial creative projects designed to exploit the opportunities these technologies offer to emerging creative practitioners (e.g. actors, script writers, directors, producers, composers, cinematographers) seeking to establish their careers.

KSB301 Theatre Project 1

Pre-requisites	KSB230 or KSB222 or KSB248
Equivalents	KSB255
Credit Points	48
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides practical opportunities to extend your developing knowledge, understanding and skills in acting within a variety of dramaturgical and staging contexts in theatre or in film.

KSB302 Theatre Project 2

Pre-requisites	KSB301 or KSB255
Equivalents	KSB256
Credit Points	48

Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Through practical opportunities to demonstrate your knowledge, understanding and skills in acting within a variety of dramaturgical and staging contexts, this unit aims to showcase your ability to participate as an emerging artist in the theatre and film industry.

KTB110 Plays that Changed the World

Equivalents	KTB101
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit investigates theatre and performance from Greek Theatre to Postmodernism and embraces socio-cultural/political/historical perspectives. This unit will provide foundations in academic written communication skills as required in the discipline of drama.

KTB111 The Authentic Performer

Equivalents	KTB103
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Authenticity is the foundation for building and portraying characters for the performing artist. This unit is an overview of the theoretical and practical components of Stanislavski-based realism which strives towards authenticity. Emphasis is placed on the critical and creative theories and techniques needed to cultivate authenticity, imagination, emotion-awareness and vocal and physical technique.

KTB120 Gaps and Silences in Theatre Practice

Equivalents	KTB108, KTB209
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit seeks to expand awareness of artistic practices and narratives that, for historical, societal or political reasons, have struggled to find a safe place and a voice in our cultural landscape. Through

direct engagement, the unit will provide foundational knowledge of the sensitivities of practice and protocols to enhance communication and appropriate professional conduct when collaborating with artists and cultures from diverse backgrounds.

KTB121 The Responsive Performer

Equivalents	KTB106
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Responding to fellow performers and the audience is the cornerstone of performing in the twenty-first century. Focusing on comedy, this unit engages theoretically and practically with interaction, reaction, participation and co-creation in the theatrical experience. Emphasis is placed on the critical and creative theories and techniques needed to cultivate self-awareness, other-awareness, play, improvisation and vocal and physical technique.

KTB126 Drama Practice 1: Collaboration

Equivalents	KTB102
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This introductory unit begins the preparation for collaborative practice and play building that is at the heart of the BFA Drama coursework. The unit will present different techniques and processes of content generation and form exploration and develop a language around creative inquiry, taking concepts to action and applying form and genre to original ideas. The unit is delivered through a series of workshops involving active performance experiments and demonstrations.

KTB217 Story and Performance

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

An understanding of storytelling forms and the development of performance texts are fundamental communicative tools for artists. This unit develops professional dramaturgical proficiency in

research, analysis, reflection and the giving and receiving of feedback. In addition, students are introduced to concepts and techniques needed to develop performance writing, either individually as a playwright, or in collaborative and devising contexts.

KTB225 Radical Theatre Forms

Equivalents	KTB302, KTB204
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Understanding the making and reception of theatre forms that do not adhere to structures associated with the dramatic is essential for theatre-makers. This capability enables theatre-makers to develop informed choices about where to locate, describe and promote their practice and product. This unit explores radical theatre forms that reinvent notions of audience, narrative, space and linear time.

KTB226 Drama Practice 3: Transformation

Pre-requisites	KTB126 or KTB102
Equivalents	KTB205
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Led by creative practice, this intermediate unit will enable you to build and apply skills in collaboratively devising and performing a show. Under the guidance of a director you will interpret and transform key formal features of selected iconic practitioners or performances as the starting point for an original show you will perform at the end of semester.

KTB227 Leadership Dynamics in Performance

Equivalents	KTB213, KTB306
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit investigates creative roles and organisational systems towards an understanding of conventional and emerging forms of leadership. Through engagement with important practitioners

and best-practice models, you will investigate the dynamics of effective collaboration within contemporary contexts, tailored a personal point of interest. The unit also explores principles and practice of research and conceptual development and provides opportunities to develop and produce conceptual plans and pitches used in professional environments.

KTB316 Drama Practice 4: Generation

Pre-requisites	KTB226 or KTB205
Equivalents	KTB303
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Generation refers to taking an idea through a conceptual process to a supported proposal. This unit activates a process of inquiry that employs theory, skills and practice you have gathered so far to research and experiment with a potentially interdisciplinary work that responds to bigger critical and creative conversations, in consultation with experienced practitioners.

KTB326 Drama Practice 5: Realisation

Pre-requisites	KTB316 or KTB303
Equivalents	KTB313
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Interpretation, transformation and generation all have a role to play in realizing a new creative work. Led by creative practice, this advanced unit activates the foundations you have completed in complementary Drama Practice units in a capstone experience which enables you to independently create and present a new work (or original adaptation) on page stage or in-between, directed towards real world opportunities you may pursue after you graduate.

KTD101 The Successful Creative Life

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove

- 13TP1, 13TP2, 13TP3

This unit introduces international students studying at QUTIC to the important role creativity can play in their personal and professional lives. Focussing on creative decision making you will develop your own personal creative capacities before reviewing how artists make creative decisions to produce works which engage audiences in the visual and performing arts. You will apply your knowledge of creativity to investigate how creative decisions are made by successful entrepreneurs in the modern creative economy. The ability to understand the dynamics of creativity personally, artistically and in business lies at the core of building a rich and successful creative life.

KTP201 Drama Curriculum Studies 1

Anti-requisites	KTB201, KTB414
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides an introduction to key syllabus documents and to key skills and strategies of drama teaching.

KVB102 Modernism in Art

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

In this unit, you will examine the concepts and movements that comprise early twentieth-century modernism in art and culture.

KVB104 Photo Media and Art Practice

Equivalents	KVD104
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

Photo media plays an important role in contemporary creative practices because of its pervasiveness and its application across a broad range of cultural and conceptual contexts. This unit will develop your appreciation of the conceptual, cultural and historical contexts of photo media, as well as your visual literacy,

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your critical artistic enquiry, and your awareness of the protocols related to ethical photo media practice.

KVB110 2D Art: Material and Process

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This introductory visual art unit provides you with practical experience of a range of experimental approaches to two-dimensional art-making to assist in the development of your creative practice. It will assist your understanding of experimental 2D materials and processes, your analytical, creative and reflective skills, and your communication skills in relation to works of art.

KVB113 Australian Art and Identity

Equivalents	KVB115, KVB103
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit introduces you to the history of Australian art in the 20th Century and provides you with an understanding of the evolution of Australian art, including Indigenous art, as an expression of ideas about national identity and Australia's place in the international community.

KVB117 Visual Arts Open Studio 1

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit introduces you to the conditions of current creative visual arts practices, their processes, reception, and contribution to society. You will initiate an individual visual art practice through the exploration of creative processes, the application of 'art thinking' and the development of a conceptual/contextual framework to support your studio activities.

KVB127 Visual Arts Open Studio 2

Pre-requisites	KVB117 or KVB120
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Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Building on learning completed in Visual Arts Open Studio 1, in this studio-based unit, you will expand your individual visual art practice through the exploration of creative processes, the application of 'art thinking' and the development of a conceptual/contextual framework to support your studio activities.

KVB200 Exhibition and Display in the Visual Arts

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit addresses the development of the Museum in Western cultures and how that tradition manifests in current arts practices, such as in contemporary exhibitions, the display of collections, installation and site-specificity, audience interaction, curatorial activities such as didactic panels and virtual galleries. This unit will assist you in displaying objects and images from your own arts practice and/or the artwork of others in effective and appropriate ways.

KVB216 Post 1945 Art

Equivalents	KVB214, KVB211
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit introduces the historical, philosophical, economic, political, social, cultural, artistic and formal issues related to the production of art since 1945 and into the post-modern era. Major topics that are examined include the neo-avant-garde and art's engagement with consumerism. This unit is intended as a foundation skill-base for all students in Creative Industries applicable to all disciplines and cultural industries including art criticism, arts practice, architecture, landscape architecture, fashion and music.

KVB217 Visual Arts Open Studio 3

Pre-requisites	KVB127 or KVB121
Credit Points	12

Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Building on your first year Visual Arts Open Studio learning, this unit focuses on the consolidation of an individualised visual art practice within a creative community of practitioners. It foregrounds art thinking, speculative inquiry and combinatory play with the material, conceptual and contextual dimensions of creative practice in order to nurture an imaginative and effective level of creative literacy and intelligence.

KVB222 Spatial Art: Object and Site

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This intermediate visual art unit provides you with practical experiences and theoretical frameworks for exploring the areas of space and site in order to assist in the development of your creative practice. Through both directed and independent activities you will explore the sculptural object and its setting as interdependent aspects of spatial art practice.

KVB223 Post 1989 Art

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides you with an overview of key developments in global art and culture since 1989.

KVB227 Visual Arts Open Studio 4

Pre-requisites	KVB217
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit focuses on the elaboration and sustained development of an individualised artistic practice within a creative community of visual arts practitioners. It foregrounds art thinking, speculative inquiry and combinatory play with the material, conceptual and contextual dimensions of creative practice in order to nurture an expanded and nuanced level of creative literacy and intelligence.

KVB307 Theories of Spatial Culture

Equivalents	KVB704
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides the necessary critical evaluation of issues and practices that relate to considerations of space in modern and contemporary art, new media and culture in general. It provides a historical overview of key art practices that have focused their critical attention to the issue of space and the built environment. In order to function as an informed practitioner in the environment of public space you must acquire such knowledge because it will form the critical-analytical background to current debates and theories in the field of spatial culture and public art.

KVB308 Video Art and Culture

Equivalents	KVB306, KVB703
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Existing Visual Arts units examine a broad range of subjects addressing artistic media such as painting, sculpture and installation. The 'Video Art and Culture' unit supplements these by instituting a specialised study of artistic and cultural practice that focuses on new mass media technology. The unit therefore enhances, extends and updates knowledge of recent art strategies in contemporary society.

KVB320 Studio Project 1

Pre-requisites	KVB221 or KVB743
Equivalents	KVB744
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

In consultation with studio staff students at this level are expected to undertake individual projects that lead to the development of a professional organised and articulated body of work. Substantial research is expected in support of these projects.

KVB321 Studio Project 2

Pre-requisites	KVB320 or KVB744
Equivalents	KVB745
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

In consultation with studio staff, at this level you are expected to undertake individual projects that lead to the development of a professionally organised and articulated body of work. Substantial research is expected in support of these projects.

KVD104 Photomedia and Artistic Practice

Equivalents	KVB104
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

This unit aims to provide you with an understanding of the aesthetic aspects of various concepts and processes that have been part of the history of photography and are still in use in contemporary photomedia. The unit also aims to give you proficiency in alternative and experimental uses of photographic processes, establishing an understanding of investigative and creative research. By including a range of photographic processes as part of the photographic artist's repertoire, this unit aims to give you a broad range of choices and approaches to creating images. The unit encourages you to engage with photography as a medium for visual and artistic expression in order to extend your own photographic practice.

KVP301 Visual Arts Curriculum Studies 1

Anti-requisites	KVB301, KVB412
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The aim of this unit is to enable you to begin to design and sequence Visual Arts activities that address learning experiences for successful planning, teaching and classroom management. The skills and knowledge of this unit will

assist you in creating appropriate learning outcomes and assessments as well as address syllabus requirements. The content and processes of this unit are based on your previous required studies and experiences in Visual Arts theory and practice.

KVP302 Visual Arts Curriculum Studies 2

Pre-requisites	KVP301
Anti-requisites	KVB302, KVB413
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The aim of this unit is to have you establish capabilities in the design, sequencing and delivery of visual arts studies that address the learner as well as the requirements of syllabus documents. This unit will address issues of both unit and whole program structures as well as classroom management and teaching in the visual arts.

KVP303 Visual Arts Curriculum Studies 3

Pre-requisites	KVP302 (can be enrolled in the same teaching period)
Anti-requisites	KVB303
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit aims to prepare you for the complexity of secondary visual arts teaching. With a particular emphasis on professional preparedness, this unit aims to support your development as a competent, confident, skilled curriculum developer and reflective practitioner.

KWB104 Writing the Short Story

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The writing of short stories has traditionally been a starting place for writers to begin developing their craft. This unit explores the elements of fiction such as character, voice, setting, plot, dialogue, point of view and modulation, and helps you acquire and practise skills in creative writing. This unit will help you

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improve your fiction writing skills and editing skills through a series of lectures and peer-critique workshops.

KWB108 Introduction to Literary Studies

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

'The 'textualisation' of the world has been an important development in twentieth century theory in the West,' (Fuery:57). What are texts? What do they mean? This unit addresses these issues by providing you with an introduction to conceptual frameworks derived from some of the major critical discourses that have impacted on our world.

KWB109 Writing Australia

Equivalents	KWB002, KWB710
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides you with opportunities to read, explore, discuss and evaluate a number of classic and contemporary Australian texts. Upon completing this unit, you are able to understand and critically interrogate texts pertinent to contemporary Australian society and culture.

KWB110 Writing Fundamentals

Equivalents	KKB009, KKB618
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Academic writing is an essential skill that all students need to succeed in their university degree programme, as academic writing underpins assessment tasks in all university degrees. This unit is placed in the first semester of your first year to ensure that you have the necessary writing skills to complete assessment at a high standard.

KWB112 Youth and Children's Writing

Equivalents	KWB206
Credit Points	12

Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit includes children's and adolescent novels within the cultural context of nineteenth and twentieth century Australia, England and America. It focuses on textual analysis of major generic types and considers issues such as race, gender, class and regionalism in fiction for young Australians.

KWB113 Introduction to Creative Writing

Equivalents	KWB101
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Introduction to Creative Writing aims to provide you with the fundamental skills for writing fiction and poetry, as well as a basic theoretical background. The unit looks at the development of these literary forms as a way of understanding how a practitioner might best approach both the writing and critical analysis of them in the contemporary context. It is designed to enable you to begin to develop a critical understanding of your own and others' approaches to the writing life.

KWB114 Scientific and Technical Writing

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The unit will provide foundational skills and concepts for written communication in scientific and technical environments. Students will be introduced to the principles of writing clearly in a science-based context, and to the discursive frameworks that inform scientific and technical writing.

KWB115 Persuasive Writing

Equivalents	KWB103
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit introduces you to the theory and practice of persuasive communication across a number of genres to enhance your writing and communication skills. The unit covers various theories of

persuasion as well as case studies of persuasive texts and campaigns.

KWB116 Creative Non-Fiction

Equivalents	KWB107
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Creative nonfiction is an important part of the professional writer's practice, and allows writers to combine real life stories with the creative writing techniques employed in fiction. This unit explores a number of genres of nonfiction, and encourages students to apply creative writing techniques to their areas of interest, from travel to music and food.

KWB117 Australian Voices: Writing and Practice

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Familiarity and engagement with one's national writing culture is an important part of a professional writer's practice. This unit gives students a critical awareness of contemporary Australian writing, and how writing culture in Australia is positioned in terms of industry, genre, and changing concepts of authorship practice.

KWB118 Swords and Spaceships: Writing Genre

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Writing Genre offers you a survey of current trends in genre writing and popular fiction, with a focus on writing for reader engagement. You will have the opportunity to develop a piece of writing that makes use of the techniques of your chosen genre and that reflects the concerns and themes appropriate to your genre. It includes focused writing exercises that will enhance the skills needed to develop, research, and write a genre text. It also aims to help you develop an understanding of genre theory.

Units

KWB207 Great Books: Creative Writing Classics

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides an overview of the enduring classic literary works. It will give you a better knowledge and understanding of the craft of storytelling and stimulate you to develop your own critical and creative writing as well as an understanding of yourself and others. The unit aims to make such works accessible to students from all disciplines in the university, and provides valuable historical context and analysis of the writing craft in each case.

KWB208 Modern Times (Literature and Culture in the 20th Century)

Equivalents	KWB003, KWB321
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The twentieth century is a time of significant developments and major transformations in writing and culture. This unit focuses on a number of twentieth century writers from Europe, England, Africa, Asia, Australia the Americas, from modern to postmodern times, and explores the connections between texts, language, culture and society.

KWB209 Shakespeare, Then and Now

Equivalents	KWB004, KWB729
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is designed to introduce students to Shakespearean studies and the ongoing cultural importance of Shakespearean material.

KWB210 Imagining the Americas: Contemporary American Literature and Culture

Credit Points	12
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Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Imagining Americas is a literature-based unit which will explore a selection of contemporary written texts from the North and South American continents. The unit will focus on issues of place, nationality, regional and ethnic identity and will encourage an examination of these and the variety of writing styles from intercultural and international perspectives.

KWB211 Creative Writing: Style and Technique

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit allows you to significantly advance your writing practice and associated critical and editorial skills through close analysis of language-level literary style, as opposed to story-level or narrative concerns. In Creative Writing: Style and Technique, you will work on unpacking, theorising and then replicating literary techniques used by a wide range of exemplary authors. This unit gives you a unique opportunity to consider and manipulate very specific aspects of your authorial voice, drawing on the field of literary stylistics. Intensive studio-based work, self-directed creative practice, guided critical analysis and asynchronous on-line activities characterise the teaching and learning in this unit.

KWB212 Poetry and Poetics

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The unit covers one of the major genres in creative writing, and is designed for those who are interested in language and the use of words in precise, innovative, concentrated and musical ways. It would also be useful to lyricists. The unit provides important creative and critical skills in writing verse and cultivating an understanding and appreciation of poetry and occurs at the mid-point of the creative writing major, building on KWB211 Creative Writing: Style and Technique and preparing students for the advanced work of third year.

KWB213 Corporate Writing and Editing

Equivalents	KWB106
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit deals with both the fundamentals of language (grammar, punctuation, style) and mainstream corporate writing genres (manuals, reports, speeches, brochures).

KWB214 The Artful Life: From Memoir to Fiction

Equivalents	KWB313
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Memoir and fiction are major literary forms that are connected by their use of creative writing techniques and also by the way they draw material from authors' personal experiences. This unit examines the relationship between imaginative literature, especially the novel, and the inspiration we derive from our own lives.

KWB215 Dangerous Ideas: Contemporary Debates in Writing

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit will introduce students to the key debates and ideas animating the field of contemporary creative writing, and allows students to consider their own writing practice in the context of these debates. The unit helps students to develop a nuanced understanding of the issues preoccupying contemporary writers, and allows them to articulate their own perspectives via conversation and debate. In this unit, students will encounter a spectrum of ideas about what it means to be a writer today, as well as the historical and cultural factors informing our ideas of authorship.

KWB303 Writing and Publishing Industry

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Units

This unit provides an introduction to the function and structure of the writing and publishing industry.

KWB306 Creative Writing Project 1

Pre-requisites	Completion of 72 credit points of Creative Writing units (KW% units).
Equivalents	KWB205
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit will be vital in challenging you to commence producing the most sustained and coherent piece of work in your major. In this unit you will choose your strongest genre and write an extended piece with both breadth and complexity. The unit has a particular focus in helping you to propose and plan an extended piece of creative work through a series of intensive highly participatory workshops as well as peer critique.

KWB308 Wonderlands: Literature and Culture in the 19th Century

Equivalents	KWB005, KWB724
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit considers important contemporary cultural and social questions by way of readings in science fiction, fantasy fiction and fiction, class ideologies and revolutionary politics from a selection of novels and poetry of the nineteenth century. The novels and poems examine political and social change in Europe between 1790 and 1900, with a view to making critical links between current ideologies and literary forms and their formulation in a nineteenth century text. As such, works ranging from Frankenstein to Alice in Wonderland are deployed to consider the textual representations of important cultural, social, and sexual issues.

KWB310 Editing and Developing the Manuscript

Equivalents	KWB304
Credit Points	12
Campus	Kelvin Grove

Availabilities

Kelvin Grove
- SEM-1

This unit develops your understanding of the editing process – in particular, the developmental intervention required to bring a creative manuscript to a publishable standard. These skills are crucial to those of you intending to work in the publishing industry, and of great benefit to professional creative writers. You will receive the opportunity to learn to edit the work of others with insight, understanding and technical skill.

KWB311 Popular Fictions, Popular Culture

Equivalents	KWB006, KWB309, KWB725
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The unit is designed to provide you with skills in understanding popular culture/s. It addresses the production of popular culture via a range of texts and mediums, and provides you with a framework to critique the operations of popular cultures.

KWB332 Creative Writing Advanced Practice 2

Pre-requisites	KWB331 or KWB232
Equivalents	KWB305, KWB396
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is the second in a series of three advanced practice units in creative writing. These units allow students to significantly advance their writing practice and associated critical and editorial skills. In creative writing advanced practice 2 students will work on an already-conceived, sustained work of fiction in the genre/s of their choice including poetry, short fiction, long-form fiction (e.g. elements of a novel length work) and non-fiction with a specific emphasis on developing, structuring and modulating sustained pieces. With the ability to articulate into and out of the other advanced practice units, this unit gives students a unique opportunity to work on a sustained piece of fiction for up to a year and a half. Intensive studio-based work, professionally-conducted mentorship opportunities, self-directed

creative practice and critical peer evaluation characterise the teaching and learning in this unit.

KWB333 Creative Writing Advanced Practice 3

Pre-requisites	KWB332
Equivalents	KWB305, KWB396
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit is the third in a series of three advanced practice units in creative writing. These units allow students to significantly advance their writing practice and associated critical and editorial skills. In this unit, students will work on an already-commenced, sustained work of fiction in the genre/s of their choice including poetry, short fiction, long-form fiction (e.g. elements of a novel length work) and non-fiction with a specific emphasis on structural editing, redrafting, concluding and marketing sustained pieces – including contemporary writing and publishing industry issues. With the ability to articulate out of the other advanced practice units, this unit gives students a unique opportunity to work on a sustained piece of fiction for up to a year and a half. Intensive studio-based work, professionally-conducted mentorship opportunities, self-directed creative practice and critical peer evaluation characterise the teaching and learning in this unit.

KXB101 Introduction to Entertainment

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The entertainment economy is projected to generate \$2.15 trillion globally, \$632 billion in the USA and \$22.6 billion in Australia by the end of 2017 (PWC, 2013). The major sub-industries of the entertainment economy include motion pictures, television, music, theme and amusement parks, video games, sports, theatre, casinos, books and cruise shipping. In KXB101 Introduction to Entertainment you will learn about the nature of entertainment and how the entertainment economy operates. This unit will focus on understanding entertainment content, audiences, and producing.

KXB102 Global Entertainment

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Entertainment and entertainment industries are a global phenomenon. In this unit you will learn about the trends and issues that are shaping entertainment around the globe. In addition, it is important to understand the important genres of entertainment such as television, theme parks, sport as entertainment, cruise shipping, gaming and music, and how they are influenced by different cultures around the world.

KXB201 Entertainment Practice: Balancing Creativity and Business

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

In order to work in the entertainment industries you need to understand how creativity and business can work together to complement each other. Successful entertainment industry professionals know how creative processes and projects work, as well as how businesses work; they combine and balance the two to produce effective entertainment. This unit aims to equip you with this ability to combine understandings of entertainment industries and business in the context of the entertainment industries. In practical terms, this unit aims to provide you with an understanding of the different stages of the entrepreneurial process in the particular context of the Entertainment Industries.

KXB202 Project Management for Entertainment

Pre-requisites	Completion of 72 credit points of study
Anti-requisites	MGB335, MGX335
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The aim of this unit is to provide you with the skills to oversee the production of an entertainment project by providing you with a mid-course level understanding of,

and ability to employ, project management skills for entertainment.

KXB301 Entertainment Industries Studio

Pre-requisites	KXB101 and (36 credit points from AMB200, AMB207, BSB126, KPB101, KPB116, KXB102, KXB201, LWS008 and LWS009)
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Industry networks and experience are of key importance in Entertainment. In this unit you will extend and apply your critical knowledge of entertainment industries to the 'real-world' task of working on a large group entertainment project. The project will result in a public product.

KXB302 Entertainment Project 1: Preproduction

Pre-requisites	KXB101 and KXB102 and KXB201 and KXB202
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The aim of this unit is to enable you to take responsibility at an advanced level as part of a group for the delivery of a real world entertainment project. The advanced experience and skills gained from this project build upon the skills and knowledges developed in your course, and are designed to contribute towards your increased confidence as a professional producer in the Entertainment Industries.

KXB303 Entertainment Project 2: Production

Pre-requisites	KXB302
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The aim of this unit is to enable you to take responsibility at an advanced level as part of a group for the delivery of a real world entertainment project. The advanced experience and skills gained from this project build upon the skills and

knowledge developed in your course, and are designed to contribute towards your increased confidence as a professional producer in the Entertainment Industries.

KYB101 Understanding Creative Practice

Equivalents	KKD102, KKB185, KKB102
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This introductory unit will provide you with the foundational principles and skills of creative and critical literacies in creative practice. It will introduce you to the descriptive and analytical vocabulary for your creative practice discipline, in addition to other fields of practice. It also introduces you to the principles of Indigenous knowledges and to the contribution that Aboriginal and Torres Strait Islander artists have made to creative practice across a range of disciplines. It will prepare you for those instances across your course where you are required to synthesise practical and theoretical knowledge about creative practice.

KYB102 Pathways to a Creative Career

Equivalents	KKB180, KKB101, KKD101
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit will introduce you to the foundational principles and skills required for professional creative practice, including tacit knowledge, education and career planning, and professional development for practitioners in the creative industries. It will provide the blueprint for developing and managing your professional identity throughout your course.

KYB103 The Creative Body

Equivalents	KTB107
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Technique is reliant on an understanding

of the body and its capabilities to unleash imagination in the individual, the group and an audience. This practice unit aims to bring together students from across the BFA to explore the relationship between the body and creative impulse, and to witness and engage with other ways of thinking and doing in a shared creative space. It will introduce a variety of philosophies exploring the act of the body in a space.

KYB201 Socially Engaged Arts Practice

Equivalents	KTB212
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Knowledge of the ethos, values and processes of working with communities in a responsive and consultative fashion is an important component of a comprehensive career in arts and provides key career opportunities for emerging artists. This unit seeks to engage with principles, practices and forms of socially engaged performance that privilege community and cultural democracy. This unit makes connections between creative practice and a community's concerns and provides the means to design impactful events and projects.

LCB001 Assessment 2: Using Data to Inform Teaching

Equivalents	LCB337
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - 6TP4 External - 6TP4

This unit further develops your knowledge, skills and application for using assessment data to make informed decisions about teaching. The unit focuses on ensuring graduating students have the necessary statistical skills to analyse and interpret high-stakes assessment data. The unit partially draws on previous units in the socio-cultural, assessment and pedagogical areas.

LCB002 Child and Adolescent Development and Learning

Equivalents	EDB002
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit develops your knowledge of child development and learning. It is aimed at developing an understanding of both in relation to the Primary and Secondary school contexts. This unit links the theoretical base of child development and learning to the practical application of both to teaching. This unit requires you to participate in all the related topics and to support your fellow students in presenting these topics for assessment and discussion. This subject will serve as a basis for future work in EDB170 Creating Positive Learning Environments.

LCB003 Education and Society 1

Equivalents	EDB001
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Education and Society 1 begins the process of introducing students to the complex relationship between our education system, and the social and cultural contexts from which it emerges. Students will use socio-cultural theory to better understand those they will come to teach, as well as how their pupils' diverse backgrounds shape their experiences with the modern school often in very different ways. This introductory unit challenges students in the early stages of their course to develop a sound fundamental knowledge of such factors as socio-economic circumstances, gender and ethnicity, contemporary culture, and social governance, and their various impacts upon education, so that they may respond to these issues in an informed, ethical and professional manner.

LCB004 Culture Studies 2: Indigenous Education (English as an Additional Language/Dialect)

Pre-requisites	EDB171
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove

	- SEM-2 External - SEM-2
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This unit further develops your knowledge, skills and application for addressing the specific needs of learners who are from Aboriginal and Torres Strait Islander backgrounds, and also learners from other culturally and linguistically diverse backgrounds. The unit focuses on practical application of key principles of teaching and learning, curriculum design and assessment, with particular reference to learning English language across the curriculum. It links to the work previously undertaken in EDB171 - Culture Studies 1 as well as prior learning in specific curriculum and pedagogy units. It will allow you to demonstrate two Course Learning Outcomes at the Achieved level.

LCB005 Inclusive Education

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit introduces fundamental concepts underpinning inclusive education. It develops your knowledge and application of evidence-based strategies in inclusive learning environments. The learning in this unit will develop your understanding of the historical, philosophical and theoretical background of inclusion. You will also develop scholarly knowledge of teaching learners including those with disabilities, gifts and talents, diverse linguistic needs and diverse cultural backgrounds.

LCB006 Inclusive Education: Service Learning

Equivalents	EDB004
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit aims to develop your understanding and appreciation of the contributions that diversity, belonging and trust make towards a quality learning environment for all learners. You will learn to engage with a broad range of diverse learners utilising pedagogies and curriculum practices that generate inclusive cultures within school and community settings. Desired outcomes are achieved through descriptive, interpretative, analytic and expressive processes to share learning with fellow students and staff.

LCB320 Studies in Language

Equivalents	CLB320
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit addresses the following topics: the language basis in current approaches to the teaching of English; nature and function of language; the dynamics involved in classroom interaction; the educational implications of linguistic diversity within the community; sociocultural variables, including gender and class, and their impact on language use; an introduction to traditional and functional grammar.

LCB322 Literature in Secondary Teaching

Equivalents	CLB322
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit covers the following topics: literature teaching in historical perspective; recent developments in theory; poetry in the senior school; teaching drama in the senior school; teaching the novel in the senior school; shorter works (novellas, short stories) and their use in the English curriculum.

LCB323 Teaching Young Adult Literature

Equivalents	CLB323
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit complements and extends the study of literature in the English Curriculum units. It addresses similar aspects of literary study but applies these elements to literature specifically intended for adolescents and young adults. The unit addresses the following topics essential to the professional development of secondary English teachers: scope and nature of Young Adult literature; strategies for evaluation and selection; recent research into adolescents'/teenagers' reading needs, interests and responses; using young adult texts in the curriculum.

LCB325 Gender and Sexuality Issues for Teachers

Equivalents	CLB403
Credit Points	12
Campus	External
Availabilities	External - 6TP4

This unit addresses the following topics: gender and sexualities in cultural and school contexts; historical overview of gender relations; theoretical frameworks for gender and current debates in Australia about gender and equity; femininity and masculinity as social constructs; sexuality and the body; violence and gender; debates about boys' behaviour and performance in Australian schools.

LCB326 Children's Literature

Equivalents	CLB441
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides students with the opportunity to extend their knowledge of children's literature written by both Australian and overseas writers. It examines traditional and emerging genres, develops critical approaches to texts, and considers ways of using children's literature in the classroom.

LCB327 The Global Teacher

Equivalents	CLB049
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit enhances the skills of educators to design curriculum and pedagogy in ways that address global citizenship and educational and human rights.

LCB329 Movies and Popular Culture

Equivalents	CLB050
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit aims to equip students with an understanding of key concepts in socio-cultural theory and to increase their knowledge of the corpus of fictional film and television narrative. It also aims to provide students with the tools to critically

analyse the way in which fictional film and television as cultural products, both perpetuate and help to shape ways of thinking and acting in the social and physical world and in institutions such as schools.

LCB330 Teaching Students with Learning Difficulties

Equivalents	SPB004
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides an opportunity to develop a rich understanding of the diverse learning needs of students with learning difficulties in inclusive educational settings. A child experiencing delays in learning (and requiring additional educational provisions) can be identified as having a learning difficulty, learning disability, a specific learning disability, having special educational needs or as a student with diverse learning needs, depending upon the country or state in which the child is situated. These learning difficulties can cause difficulties in reading, writing, spelling, and maths. The key message is that each individual experiencing a learning difficulty is unique and will present with varying degrees of difficulty across different areas of the curriculum.

LCB331 Effective Communication Skills for Teachers

Equivalents	SPB006
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 6TP4

In educational settings teachers often find themselves helping students, teaching colleagues and other stakeholders by providing emotional and tangible assistance and support. To do this, teachers require foundational knowledge of counselling theories and associated skills. This unit includes the following: the nature of helping in educational contexts; characteristics of effective helpers; practical development of communications skills; building an empathic relationship; structuring the helping process; application of some counselling theories to the educational contexts; practical sessions using educationally based role plays to demonstrate effective use of the

Units

skills learned. The unit includes a compulsory study school for external students.

LCB338 Understanding Reading Difficulties

Equivalents	SPB038
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The unit offers opportunities for the demonstration of knowledge and pedagogy as it relates to students who are experiencing difficulty learning to read. With a focus on the building of knowledge through collaborative learning experiences including case studies, problem solving tasks, small group work, and discussion. You will be encouraged to explore the concepts introduced and to justify opinions on the grounds of theory and empirical research. The unit includes weekly readings and study activities to support the content delivered in the weekly lectures and tutorials. The unit content has been carefully scaffolded to help build your personal and professional knowledge in the areas of reading and reading difficulties. This knowledge will assist you to plan, implement, and assess learning experiences for students with reading difficulties, broadening your understanding of the needs and support required for these students. LCB338 is a unit offered in the ED49 BEd (Primary) Literacy Minor.

LCB341 Engaging Learners in Junior Secondary

Equivalents	LCB336, SPB022
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

In 2015, Junior Secondary (years 7-9) was introduced in Queensland with both primary and secondary qualified teachers being offered work in Junior Secondary contexts. This unit will develop your understanding of adolescent learners and the current approaches to curriculum, pedagogy and assessment in the Junior Secondary years of schooling. It explores the diverse ways schools are responding to the educational needs of early adolescent learners.

LCB343 Managing Challenging Student Behaviours Related to Complex Trauma

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 6TP4

This unit will equip you with understanding and skill for the constructive management of behaviours (deemed as extremely complex and challenging) of students who have experienced complex childhood trauma. Drawing from attachment and trauma theory and a neuroscience framework, this unit will examine the possible causes for these behavioural concerns and examine neuroscience-informed responses for a range of education contexts and individual teachers. The unit will also address the concern of teacher well-being and resiliency.

LCB344 Differentiation for Gifted Children

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit develops your knowledge about differentiation for gifted students and their education. You will develop skills for identifying, planning and implementing a challenging, appropriate and inclusive curriculum and learning environment. The unit focuses on the diversity of learners who are gifted, their unique characteristics and needs, and curriculum planning to meet their needs and support students to reach their full potential.

LCN600 Connected Learning

Equivalents	CLN601
Credit Points	12
Campus	External
Availabilities	External - 13TP1

This unit introduces the principles and practices of connected learning, a contemporary pedagogical approach that connects people, learning technologies and information (Luo et al 2013). It promotes connected learning in a variety of formal and informal learning contexts, including: school libraries; public and academic libraries; schools and universities; workplace and community. As members of the unit's connected learning community, you will experience the

socially situated, production-centered and interest-driven nature of connected learning. You will explore and learn to use a range of social media and develop an online personal learning network (PLN). You will undertake connected learning design projects. The products are directly applicable to your professional practice as educators.

LCN601 Designing Spaces for Learning

Equivalents	CLN603
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit develops a theoretically-based, participatory, problem-solving approach to learning space design that responds to the voices, values, attributes and needs of particular learning communities and includes all stakeholders. The web-based design portfolio that you create through this unit will be relevant to professional educational and design practice.

LCN604 Second Language Curriculum Design

Equivalents	CLN613
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit introduces the factors that influence teachers in the development of language programs. It includes analysis of the following areas: learner profiles and needs; aims and objectives; processes and criteria for selecting methodology; content selection and sequencing; choice and evaluation of materials and resources and processes involved in developing courses.

LCN606 Second Language Assessment

Equivalents	CLN616
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2

Units

External
- SEM-2

This unit introduces the theories and practices in second language assessment. It examines and evaluates both classroom based assessment tasks and standardised tests used to assess the proficiency of second language speakers.

LCN612 Sociolinguistics

Equivalents	CLN640
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit focuses on language in social settings. Social life is largely conducted through language and as such, is the focus of the field of sociolinguistics. The topics covered in the unit highlight the ways that different social contexts and situations require particular types of language; conversely how particular language forms constitute social positions and roles. The unit examines language issues impacting educational settings including bilingualism, languages, dialects and language planning.

LCN614 Grammar for Second Language Teaching

Equivalents	CLN642
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit assists language teachers develop a better understanding of grammar and its place in the teaching and learning of a second language. Participants will develop their own language awareness and explore a range of strategies and techniques for the effective integration of grammar instruction into language programs.

LCN615 Learning Hubs

Equivalents	CLN646
Credit Points	12
Campus	External
Availabilities	External - SEM-1

In this unit you will investigate the role of the teacher-librarian and school library. You will undertake a short professional placement at a school library and compare practice at your placement site to current understandings of best-practice teacher-librarianship.

LCN616 Inquiry Learning

Equivalents	CLN650
Credit Points	12
Campus	External
Availabilities	External - SEM-2

In this unit, you will explore a range of inquiry learning and information literacy theories and models, and apply them to pedagogy and curriculum.

LCN617 Children's Literature: Criticism and Practice

Equivalents	CLN659
Credit Points	12
Campus	External
Availabilities	External - SEM-1

School libraries and classrooms are spaces where multi-literacies and multi-modal textualities are constant and ever-increasing presences in the daily and educational lives of students and staff. This unit provides teachers and teacher-librarians with a range of tools, strategies, and approaches for the critical analysis of children's literature, which in turn will enable them to communicate critically with students and stakeholders in classrooms and libraries.

LCN618 Advanced Educational Counselling

Pre-requisites	LCN636 or SPN651
Equivalents	SPN610
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2 (Block)

This unit provides you with an overview of major theories of counselling and assist in the development of a framework using one of these approaches that may be used as a basis for your own counselling.

LCN619 Educational Guidance and Counselling: Professional Practice

Pre-requisites	(LCN636 or SPN651) and (LCN620 or SPN612). LCN620 can be studied in the same teaching period as LCN619
Equivalent s	SPN611
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2 (Block)

In this unit you will gain a broad understanding of: professional practices of educational counsellors working in the P-12 context; intervention, prevention, affective, and developmental programs; adolescent issues and career counselling; consultation models, theories and practices; self-management skills, time management, program evaluation, accountability and decision-making discussed.

LCN620 Psychoeducational Assessment

Equivalents	SPN612
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1 (Block)

In this unit you will gain a broad understanding of the various types of assessment techniques and strategies used in the educational context of school guidance and counselling to develop understandings and capacities. You will develop your skills as an advanced learner from basic competence in professional practice to confident and ethical leadership in learning innovation.

LCN621 Career Development and Professional Practice

Equivalents	SPN618
Credit Points	12
Campus	External
Availabilities	External - SEM-1

This unit encourages learners to engage in lifelong learning and within the context of career development practice, lead innovations in the delivery of career development programs to a wide range of audience throughout the community.

LCN622 Career Counselling

Pre-requisites	(LCN636 or SPN651) or (LCN618 or SPN610)
Equivalents	SPN620
Credit Points	12
Campus	External
Availabilities	External - SEM-2

This unit encourages learners to critically evaluate the perspectives to formulate a personal position with respect to their career counselling practice. Students have the opportunity to gain experience in the application of traditional and emerging career counselling processes, and to contribute to innovation in supporting the role of career counselling in a new career guidance context of career self-management.

LCN623 Leadership Concepts, Theories and Issues

Equivalents	SPN625
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

The overall aim of this unit is to enhance the leadership understanding and capabilities for both current leaders and those aspiring to such positions in organisations today and in the future. This aim is set in a broader understanding of notions of shared and multiple leadership concepts.

LCN624 Leading and Managing People

Equivalents	SPN626
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit enhances the understandings and capabilities of leaders and aspiring leaders to manage their organisation's human resources in rapidly changing and challenging contexts.

LCN629 Inclusive Education: Theory, Policy and Practice

Equivalents	SPN644
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

Schools are a reflection of diversity within global and local education communities. An inclusive approach to education involves a critique of social values and priorities, and the structures and institutions they support. It involves the politics of recognition and is concerned with the serious issue of who is included and who is excluded within education and society generally.

LCN630 Leadership, Policy and Change in Action

Anti-requisites	SPN627, SPN628
Equivalents	SPN645
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

The unit presents the theories and processes of educational change; organizational cultures and values and their influence on change; policy processes (development, implementation and evaluation); policy trends and change in educational contexts. The content around these topics will add to your understanding of the dynamics between leadership, culture and change, and the challenges for leaders. You will develop skills to make sense of and constructively respond to policies within organisational contexts.

LCN631 Strategic Management

Anti-requisites	SPN637
Equivalents	SPN646
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

There are increasing demands from statutory bodies and other stakeholders

for all organizations, whether schools, educational institutions, voluntary organizations, businesses or government departments, to be effective, efficient and transparently responsible. This unit will draw on systems theory to analyse the processes educational organisations and other organisational settings use to manage their strategic intent and to harness both continuous and discontinuous innovation.

LCN632 Understanding Reading and Writing Difficulties

Anti-requisites	SPN614
Equivalents	SPN647
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit provides you with opportunities to deepen your knowledge about the teaching of reading and writing, with a focus on students who experience difficulties with these complex tasks. Content relates to the components considered critical to reading and writing success, with recognition of classroom-based assessment practices and recommended instructional practices for readers and writers experiencing difficulties.

LCN633 School Guidance and Counselling Practicum

Pre-requisites	(LCN636 or SPN651) and (LCN619 or SPN611). LCN619 and LCN636 can be studied in the same teaching period as LCN633
Equivalent s	SPN648
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	External - SEM-1, SEM-2

As well as developing a sound knowledge base, studying school guidance and counselling needs you to develop the skills to apply this knowledge in the practical setting of a school. In the Practicum, you will be given the opportunity to observe, participate in and critically evaluate a range of practice activities.

LCN634 Supporting Students with Social, Emotional and Behavioural Needs

Equivalents	SPN649
Credit Points	12
Campus	External
Availabilities	External - SEM-2

Teachers' concerns about classroom management are intensified by the inclusion of students with additional needs. Behaviours associated with low engagement, learning difficulties, attention and activity disorders, autism spectrum disorders, and moderate to severe disabilities present major challenges for classroom teachers. Accordingly, sound knowledge of effective classroom management practices and the ability to work collaboratively with support personnel to plan and provide appropriate behaviour management programs are essential.

LCN635 Supporting Students with an Autism Spectrum Disorder

Equivalents	SPN650
Credit Points	12
Campus	External
Availabilities	External - SEM-1

The aims of this unit are to assist you as classroom and specialist teachers, school counsellors and guidance officers to deepen your knowledge in the area of Autism Spectrum Disorders and to develop your skills in identifying and supporting this group of students in an inclusive educational setting.

LCN636 Introductory Educational Counselling

Equivalents	SPN651
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1 (Block), SEM-2 (Block)

Perhaps the most potent message that can be extracted from many branches of applied psychology is that people of all ages yearn to be personally effective. Be they classroom teachers with discipline problems, failing students, or those who are dissatisfied in their work situation - unhappy people are seeking to satisfy unfulfilled hopes and aspirations. More importantly, perhaps, they seek

happiness and a sense of being able to direct their own destinies. This unit focuses on issues and topics implicit in the above.

LCN637 Career Development: Policy and Process Context

Equivalents	SPN654
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	External - SEM-1, SEM-2

This unit introduces students to the broad areas of career development policy, career counselling, and career development programs. It is based on Component 3 of the Australian Career Development Studies (reproduced and modified with the approval of the Federal Department of Education Employment and Workplace Relations).

LCN638 Theory and Practice of Second Language Teaching and Learning

Anti-requisites	CLN608, CLN612
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit focuses on language and its foundational role in all areas of education. In particular, the unit presents the principles and practices of second language teaching and learning and is orientated both to current practitioners and to people new to second language education. The unit introduces teaching approaches, methods and techniques, and the ways they are relevant to and applied in different teaching contexts. The unit links to LCN612 Sociolinguistics; LCN606 Second Language Assessment; LCN604 Second Language Curriculum Design; and LCN614 Grammar for second language teaching.

LCN639 Youth, Popular Culture, and Texts

Equivalents	CLN647, CRN600
Credit Points	12
Campus	External
Availabilities	External

- SEM-2

In the diverse terrain of popular culture, youth find the resources and means for identity formation, social relations and pleasure, and develop a range of knowledge, skills, values and attitudes. Educators need to understand the ways popular cultural texts (literary, mass media, computer-based and digital) form the cultural capital of youth and give meaning to their lived experiences.

LCN651 Mini Action Research Project: ESL and Inclusion

Pre-requisites	CRN654 and EDN672
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit further develops your knowledge, understandings and practice of research. It links to the units EDN672 Teachers as Researchers and CRN654 Practitioner Enquiry and provides you with the experience of conducting a small scale action research project for the purpose of informing and improving your teaching. The project will be directed at the issues of English as a Second Language (ESL) and inclusion that are increasingly characterising our classrooms.

LCP410 Classroom and Behaviour Management

Equivalents	SPP400
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit investigates a range of classroom management strategies, including preventative, supportive and corrective approaches, that are aimed at developing collaborative and inclusive learning environments in a range of educational settings.

LLB101 Introduction to Law

Equivalents	LWB145
Credit Points	12
Campus	Gardens Point and

Units

	External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

Introduction to Law introduces students to the development of the Australian legal system. This includes a focus on the major sources of law in Australia and the institutions that create, interpret and administer the law.

LLB102 Torts

Pre-requisites	LLB101. LLB101 can be studied in the same teaching period as LLB102
Equivalent	LWB148
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

Torts law is the law of civil wrongs and has developed to provide a private remedy for those who suffer loss due to the acts or omissions of others.

LLB103 Dispute Resolution

Anti-requisites	LWB150, LWB498
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

'Dispute resolution' is an umbrella term that represents a number of processes used to resolve conflict and disputes. This unit introduces students to the spectrum of dispute resolution forums commonly used in legal practice and the role of lawyers within those forums.

LLB104 Contemporary Law and Justice

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

Contemporary Law and Justice focuses on equipping students with knowledge, skills and attitudes for contextualising and

critiquing the law. It contextualises the operation of the law with reference to the philosophical, cultural, social, economic and global contexts in which the Australian legal system operates. The unit also considers the role of lawyers in a dynamic and changing world. This unit gives emphasis to the impact of the Australian legal system on Australia's first peoples and introduces students to Aboriginal and Torres Strait Islander legal knowledges and perspectives of law.

LLB105 Legal Problems and Communication

Pre-requisites	LLB101. LLB101 can be studied in the same teaching period as LLB105
Anti-requisites	LWB146
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

Legal Problems and Communication continues the development of legal problem-solving and written and oral communication skills in a variety of professional contexts.

LLB106 Criminal Law

Pre-requisites	LLB101 or LWB145
Equivalent	LWB239, LWB238
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

Criminal Law provides knowledge of the doctrines of criminal law and procedure, with a focus on offences against the person and property. Defences, excuses and fundamental elements of criminal responsibility and complicity are also covered.

LLB140 Human Rights Law

Pre-requisites	LLB101. LLB101 can be studied in the same teaching period as LLB140
Anti-requisites	LWB496
Credit Points	12
Campus	Gardens Point and

	External
Availabilities	Gardens Point - SEM-2 External - SEM-2

Human Rights Law focuses on the theory and practice of international human rights law. In particular, it provides an overview of the history and origins of human rights and international rights and obligations while remaining grounded in the contemporary events and challenges to the protection of human rights.

LLB141 Introduction to International Law

Pre-requisites	LLB101. LLB101 can be studied in the same teaching period as LLB141
Anti-requisites	LWB142, LWB144
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

There are many ways in which the law operates in an international context. Issues of global concern such as climate change, terrorism and economic development require cooperation between nations through agreements and treaties. The increased internationalisation of communication, financial interests and business transactions means that individuals and companies are increasingly required to engage with the laws of other countries and that domestic legal systems must operate in an international context.

LLB142 Regulation of Business

Pre-requisites	LLB101 or LWB145
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This elective unit commences the process in educating legal students in matters of business and commercial law. It is intended to provide an overview of a number of critical areas in the study of business law. Further, this subject will provide theoretical and critical analysis skills for the students through the design of the learning experience.

LLB202 Contract Law

Pre-requisites	LLB102 or LWB148
Anti-requisites	LWB136, LWB137
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

Legally binding promises pervade society, from uncomplicated bargains like riding on a bus to complex multi-million dollar transactions. The law of contract provides an understanding of promises which are legally binding, how contractual promises may be characterised and the significance of that characterisation, and how contractual promises may be discharged or invalidated.

LLB203 Constitutional Law

Pre-requisites	LLB105 or LLB107
Equivalents	LWB242
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

Constitutional Law examines the constitutional arrangements effected by the Commonwealth and State Constitutions and the division of power between the Commonwealth and States and the relations between the different levels of government.

LLB204 Commercial and Personal Property Law

Pre-requisites	LLB202 or LWB137
Anti-requisites	LWB244
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

In this unit, concepts of property are introduced and legal principles relevant to personal property and commercial law are considered.

LLB205 Equity and Trusts

Pre-requisites	LLB202 or LWB137
Anti-requisites	LWB241, LWB240
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2, SUM (Block) External - SEM-2, SUM

Equity & Trusts provides an understanding of the principles of equity and the law relating to trusts as required for admission to practice.

LLB241 Discrimination and Equal Opportunity Law

Pre-requisites	LLB105 or LWB146. LLB105 can be studied in the same teaching period as LLB241
Anti-requisites	LWB313
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This unit is an examination of law and policy with respect to discrimination and equal opportunity in Australia. It covers both relevant international treaties and Australian domestic anti-discrimination and equal opportunity law.

LLB243 Family Law

Pre-requisites	LLB105 or LWB146. LLB105 can be studied in the same teaching period as LLB243
Anti-requisites	LWB302
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2, SUM-2 (Block) External - SEM-2, SUM-2

Legal professionals assisting clients who are entering into relationships or experiencing relationship breakdown are involved in helping them plan their future financial and parenting arrangements. Their role, when assisting clients after separation, is to help their clients find the

most appropriate forms of dispute resolution and to minimise conflict experienced by family members, particularly where there are children. Family lawyers are most often engaged in matters involving future arrangements for children and financial issues, such as property settlement, spousal maintenance and child support. They also assist clients in applications to seek protection for family violence. This unit aims to provide you, as a potential family law professional, with an understanding of the family law system, the various options for resolution of disputes, and the relevant legislation and case law and how it is applied in practice.

LLB244 Criminal Law Sentencing

Pre-requisites	LLB106 or LWB239
Anti-requisites	LWB494
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

Criminal Law Sentencing provides knowledge of the doctrines of criminal law, with a focus on offences against the person and property. Defences and excuses as to liability are also covered, along with certain elements of criminal procedure.

LLB245 Sports Law

Pre-requisites	LLB102 or (LWB137 and LWB148)
Anti-requisites	LWB260, LWB460
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

LLB245 Sports Law is a 'general elective' unit. It covers the application of a wide range of legal principles to a sporting context. Students will have studied some of the principles at a general level in core units, allowing them to consolidate their knowledge, while other areas of the unit will be new to them. Sport-specific legal principles (for example, regarding doping) will also be covered.

LLB301 Real Property Law

Pre-requisites	(LLB204 and LLB205) or LWB241
Anti-requisites	LWB243, LWB244
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SUM (Block), SUM-2 (Block) External - SEM-1, SUM, SUM-2

This unit considers the law of real property, including property rights in Queensland and the Torrens Title system of registration.

LLB303 Evidence

Pre-requisites	LLB106 or LWB239
Equivalents	LWB432
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2, SUM (Block) External - SEM-2, SUM

Evidence examines the rules and procedures relating to the reception of evidence in courts and tribunals, concerning facts that are either disputed or yet to be established before the commencement of proceedings.

LLB304 Commercial Remedies

Pre-requisites	(LLB204 and LLB205) or LWB241
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

A remedy is the means by which a wrong or a breach of contract or statute may be compensated or redressed. Remedies include damages, restitution and equitable remedies. The law of remedies is closely associated with the areas of private law, in particular contracts and torts.

LLB306 Civil Procedure

Pre-requisites	192cp of Law units
Anti-requisites	LWB431
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2, SUM (Block) External - SEM-2, SUM

Civil Procedure provides an understanding of procedural law and the skills to resolve disputes, when necessary, through the process of litigation.

LLB342 Immigration and Refugee Law

Pre-requisites	LLH201 or LWB146. LLH201 can be studied in the same teaching period as LLB342
Anti-requisites	LWB463
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

The transnational movement of people across the globe has shaped nations around the world in many ways. All modern democratic countries have systems in place to allow for the movement of people for a variety of purposes. Historical, social and political forces shape the policy dialogue and legal infrastructure concerning immigration and refugee law. This unit considers the application of key principles of international, constitutional and administrative law to this area of law, and critically examines immigration and refugee laws, policy considerations and procedures.

LLB344 Intellectual Property Law

Pre-requisites	LLH201 or LWB146. LLH201 can be studied in the same teaching period as LLB344
Anti-requisites	LWB486
Credit Points	12
Campus	Gardens Point and External

Availabilities	Gardens Point - SEM-1 External - SEM-1
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Intellectual property law has become fundamentally important to our modern, connected society. This unit will provide an introduction to those areas of intellectual property law that commercial legal practitioners are likely to encounter in their everyday practice. It will also examine the current policy debates in the field of intellectual property as the law adapts to the digital age.

LLB346 Succession Law

Pre-requisites	LWB241 or LLB205
Anti-requisites	LWB309
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This unit includes the following: examination of the law with respect to wills and probate; a study of the formalities required to execute a valid will; the intestacy provisions where someone dies without having made a will; the rights of a testator's family when they have not been named as a beneficiary in the deceased's will; and a detailed examination of the provisions of the Succession Act 1981 (Qld).

LLB347 Taxation Law

Pre-requisites	LLB101
Anti-requisites	AYB325, AYB219, LWB364
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

In this unit you will attain an overview of the Australian taxation system.

LLB350 The Law and Ethics of War

Pre-requisites	LLH201 or LWB146
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1

External
- SEM-1

The Law and Ethics of War develops knowledge of legal and ethical issues relating to international law regulating recourse to violence (the jus ad bellum) and the conduct of hostilities (the jus in bello or international humanitarian law). The unit looks at some of the main ethical arguments for and against war and, drawing on past and current real-world case studies, it deals with a range of topical issues such as the use of military force against non-state terrorist groups, the responsibility to protect populations from mass atrocity crimes, and the means and methods of warfare. The unit builds on knowledge and skills developed in earlier core units and in recommended electives, including LLB141 Introduction to International Law.

LLB440 Environmental Law

Pre-requisites	LLH206 or LWB335
Anti-requisites	LWB485
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

Environmental Law is relevant for those interested in gaining an understanding of the ways in which the law seeks to protect the environment whilst enabling industry to operate and contribute to the Australian economy. The unit examines the key features of the environmental legal system and critically analyses environmental laws at the state (Queensland), federal and international levels.

LLB447 International Arbitration

Pre-requisites	LLB204 or LWB243
Anti-requisites	LLB445
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This unit develops your knowledge and skills in relation to dealing with legal disputes that have a cross-border dimension. It examines aspects of private international litigation and arbitration insofar as they are relevant to

international arbitration. The unit has an important commercial focus that is relevant to practice, particularly in the commercial and dispute resolution and litigation areas.

LLB460 Competition Moots A

Pre-requisites	LLH201 or LWB146
Anti-requisites	LWB418
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

If students have completed the foundation units in first year, perform well under pressure and have participated in at least one internal moot as counsel, they may, when expressions of interest are called for, apply for a place on a team for a moot competition for which academic credit is granted. Places are very limited, but if students are successful, they can take their skills to the national and international arena and experience mooting at the highest level. International and national moots require significant preparation and attention to detail, with a very high level of commitment, research, writing and discipline knowledge. Because of the timetabling of international moots throughout the year, students may be required to work on the competition moot for extended periods, including between November and February. The number of moots offered will vary from year to year. Academic credit for this unit is restricted to registered members of official QUT teams in designated competitions.

LLB461 Competition Moots B

Pre-requisites	LLH201 or LWB146
Anti-requisites	LWB419
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

If students have completed the foundation units in first year, perform well under pressure and have participated in at least one internal moot as counsel, they may, when expressions of interest are called for, apply for a place on a team for a moot competition for which academic credit is granted. Places are very limited, but if students are successful, they can take their skills to the national and international

arena and experience mooting at the highest level. International and national moots require significant preparation and attention to detail, with a very high level of commitment, research, writing and discipline knowledge. Because of the timetabling of international moots throughout the year, students may be required to work on the competition moot for extended periods, including between November and February. The number of moots offered will vary from year to year. Academic credit for this unit is restricted to registered members of official QUT teams in designated competitions.

LLB462 Learning in Professional Practice

Pre-requisites	192cp toward LLB completed (LLB, LLH, LWB units)
Equivalents	LWB421
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2, SUM

This unit provides students with the experience of working in a professional legal environment. Students can either apply for one of the advertised placement opportunities or organise their own placement in a legal work place. Students will perform legal work (similar to that of a graduate solicitor) for a minimum of 60 hours, supervised by a lawyer qualified to practice in that jurisdiction. Once enrolled in the unit, students must either apply for an advertised placement opportunity or submit details of their self-organised placement to be approved by the Unit Coordinator. Students will reflect upon and learn from their experience through keeping a reflective journal, sharing their experiences with other students and using the student ePortfolio. Integral to each student's experience will be reflection and the identification and consideration of the theory/practice nexus.

LLB463 Legal Clinic (Organised Program)

Pre-requisites	LLB104 and LLB105
Anti-requisites	LWB456
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

Units

In this unit, students are provided with the opportunity to see law in action through being involved in the delivery of community legal services, support and information. Students work with community legal centres and community support agencies in a variety of areas such as refugee, environmental, family violence and public interest law. Students' placement learning is supplemented with a weekly seminar program that deals with topics such as cultural competence, professional identity, client care, legal interviewing, and community education. Entry to this unit is via a successful application only.

LLB464 International Legal Placement

Pre-requisites	LLB104 and LLB105
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

In this unit students are provided with the opportunity to see law in action through participation in an overseas placement or study tour. Students' work in their placements is supplemented with a program that deals with such topics as pre-trip preparation, intercultural capabilities, global perspectives, and career planning. Entry to this unit is via a successful application only.

LLH201 Legal Research

Pre-requisites	LLB105 or LLB107
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

Legal research is an integral part of legal practice. This unit develops the problem solving, legal research and communication skills developed in the first year units in new contexts.

LLH206 Administrative Law

Pre-requisites	(LLB203 and LLH201) or LWB242
Anti-requisites	LWB335
Credit Points	12
Campus	Gardens Point and External

Availabilities	Gardens Point - SEM-2, SUM-2 (Block) External - SEM-2, SUM-2
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Administrative law concerns the legal relationship between government and individuals and businesses. This unit considers the way in which decisions of government bodies and public officials may be challenged or reviewed.

LLH302 Ethics and the Legal Profession

Pre-requisites	LLH201 or LWB146. LLH201 can be studied in the same teaching period as LLH302
Anti-requisites	LWB433
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SUM (Block) External - SEM-1, SUM

Ethics and the Legal Profession examines the legal and ethical responsibilities of a legal practitioner and develops in students the skills required to deal with the pressures that legal practitioners may face in their career.

LLH305 Corporate Law

Pre-requisites	(LLB204 and LLH201) or LWB244
Anti-requisites	LWB334
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2, SUM (Block) External - SEM-2, SUM

Corporate law examines the laws and regulations relevant to registered companies. Knowledge of corporate law is required for admission to legal practice.

LLH401 Legal Research Capstone

Pre-requisites	LLH201 and LLH302
Credit Points	24
Campus	Gardens Point and External

Availabilities	Gardens Point - SEM-1, SEM-2, SUM (Block) External - SEM-1, SEM-2, SUM
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This is the capstone unit in the Bachelor of Laws (Hons). The unit consolidates and builds on the legal research, reasoning, communication, and critical and creative thinking skills introduced at a foundation level in the first-year units and developed in the second and third year units. The unit equips students with sophisticated skills necessary to respond efficiently and effectively to complex, real-world legal problems.

LLH470 Commercial Contracts in Practice

Pre-requisites	LLH401 or LWB335. LLH401 can be studied in the same teaching period as LLH470
Anti-requisites	LLB441
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This Advanced Law Elective unit provides an opportunity for students to study the interaction of common law principles of contract, equity and property law and the impact of statute in the context of several common commercial transactions. Students will examine key aspects of contracts such as risk allocation performance, dispositions and dispute resolution in the context of commercial sales, leases and share sales. A case study approach will be used to expose students to practical issues related to the negotiation, drafting and interpretation of common clauses within these agreements.

LLH471 Health Law and Practice

Pre-requisites	LLH401 or LWB335. LLH401 can be studied in the same teaching period as LLH471
Anti-requisites	LWB483
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point

Units

- SEM-2
External
- SEM-2

Advances in medical science have yielded almost imponderable questions concerning the rights of patients, the obligations of health care providers and the extent to which the state should intervene in the relationship. As an advanced law elective, Health Law & Practice examines contemporary issues that arise in the modern health care context, including competing public policies. Students will develop advanced knowledge and appreciate the relationship between the law, medicine and ethics and develop research and critical analysis skills within the paradigm of law and bioethics.

LLH472 Public International Law

Pre-requisites	LLH401 or LWB335. LLH401 can be studied in the same study period as LLH472
Anti-requisites	LWB406
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

Public international law is a body of rules that governs the relations between nation states and between nation states and individuals. As Australian legal practitioners can increasingly expect to work within a global context, an understanding of this area of law is important for all practitioners. A good understanding of public international law is also essential for anyone wishing to work with an international organisation. As an advanced law elective, Public International Law will develop advanced knowledge of how international law is created and develops, and how it is applied by governments, legislatures, courts and international agencies.

LLH473 Independent Research Project

Pre-requisites	LLH401. LLH401 can be studied in the same teaching period as LLH473
Credit Points	12
Campus	Gardens Point and

External

Availabilities
Gardens Point
- SEM-1, SEM-2, SUM (Block)
External
- SEM-1, SEM-2, SUM

Advanced research, writing, analytical and legal reasoning skills are essential to legal professionals for the purposes of the preparation of legal advice, opinions and arguments, proposals for law reform, reference and policy documents, teaching materials, and scholarly publications. This unit provides students with the advanced research and writing skills needed for enrolment in higher degree research programs and for the legal profession. The unit should be studied at the end of the degree, as it serves as a foundation for students to enhance their academic research experience and skills prior to post-graduate study or entry into the legal profession. It is highly recommended that students undertake LLB348 Legal Research Methodologies prior to this unit.

LLH474 Insolvency Law

Pre-requisites	LLH401 and (LLH305 or LWB334). LLH401 and LLH305 can be studied in the same teaching period as LLH474
Anti-requisites	LWB307
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This unit examines the legal issues associated with insolvency for both individuals and corporations. Insolvency Law provides you with an opportunity to develop advanced knowledge, building on your knowledge of corporate law, and skills relevant for this specialised area of the law.

LLH475 Theories of Law

Pre-requisites	LLH401 or LWB335. LLH401 can be studied in the same teaching period as LLH475
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External

- SEM-1

Legal theory, also known as jurisprudence, has exerted an enduring influence on the direction and nature of legal thought in the common law world and through all legal systems. In order to effectively participate in the practice of law, law graduates need to understand the underlying, and often unstated, philosophies that guide the developing law, especially through decisions at the highest level.

LLH476 Competition Law

Pre-requisites	LLH401 or LWB335. LLH401 can be studied in the same teaching period as LLH476
Anti-requisites	LWB410
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

As an advanced Law elective, Competition Law builds upon students' knowledge of the Competition and Consumer Act 2010 (Cth) and critically examines the rules regulating anti-competitive conduct and access to essential services. The unit develops advanced knowledge, critical thinking skills and research skills within the context of commercial transactions such as mergers, joint ventures, distribution and supply arrangements and intellectual property licences.

LLH478 Advanced Criminal Law - Principles and Practice

Pre-requisites	LLB106 and LLH401. LLH401 can be studied in the same teaching period.
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

This elective unit further develops and extends your knowledge of criminal law, based on your study of the core unit LLB106 Criminal Law. It extends your knowledge of principles and procedures in criminal law by focusing on how they are applied in the modern criminal justice

system, with particular emphasis on the work of specialist courts, lists and jurisdictions, and on the theoretical frameworks which inform their work. It provides you with some skills and experience in using social science principles and data, to evaluate the work of these courts and lists.

LPP111 Lawyers' Skills

Anti-requisites	LPZ111
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - 6TP1, 6TP2, 6TP5, SEM-2 External - 6TP1, 6TP2, 6TP5, SEM-2

This unit introduces you to a range of lawyering skills that will enable you to apply the knowledge, skills and values that you acquired in your law degree to the practice of law. Specifically, this unit enables you to start or to consolidate your acquisition of skills in legal letter writing, legal drafting, legal interviewing, negotiation and advocacy skills. The unit will provide you with the opportunity to apply your knowledge of various areas of the law, your legal research and analysis skills, and your fact analysis skills, for such purposes as advising clients orally in and in writing in complex legal matters; achieving desired client outcomes when drafting legal documents; and representing clients effectively in negotiations and before courts.

LPP112 Work Skills

Anti-requisites	LPZ112
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - 6TP1, SEM-2 External - 6TP1, 6TP2, 6TP5, SEM-2

The Law Admissions Consultative Committee considers that an entry-level lawyer should be able to demonstrate competence in ethical understanding and knowledge of solicitors' trust accounting and file and risk management at the level required for admission as a legal practitioner in Australia.

LPP113 Civil Litigation

Anti-requisites	LPZ113
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - 6TP2, 6TP5 External - 6TP2, 6TP3, 6TP5, SUM-1

This unit builds on your undergraduate knowledge of civil litigation, torts and contract law by providing you with an understanding of the practices and procedures involved in resolving client disputes using civil litigation. It will provide you with the opportunity to apply your knowledge of litigation practice, your legal research and analysis skills, and your fact analysis skills for the purpose of finding solutions to client problems. It will enable you to further develop and apply your letter-writing and legal drafting skills. It provides you with an opportunity to demonstrate some of the knowledge, skills and ethical values that a competent legal practitioner is expected to apply when conducting litigation.

LPP114 Commercial

Anti-requisites	LPZ114
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - 6TP2, 6TP5 External - 6TP1, 6TP2, 6TP3, 6TP4, 6TP5, SUM-1

This unit builds on your undergraduate knowledge of corporate law principles and commercial law by providing you with an understanding of the practices and procedures involved in utilising corporations for client purposes and an understanding of practices and procedures involved in the sale of a business. It will provide you with the opportunity to apply your knowledge of corporate, commercial and revenue law, your legal research and analysis skills, and your fact analysis skills, for the purpose of finding solutions to client problems involving commercial transactions. It will enable you to further develop and apply your letter-writing and legal drafting skills. It further provides you with an opportunity to demonstrate some of knowledge, skills and ethical values that a competent legal practitioner is expected to apply to complex commercial transactions and problems.

LPP115 Property

Anti-requisites	LPZ115
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - 6TP2, 6TP5 External - 6TP2, 6TP3, 6TP5, SUM-1

This unit builds on your undergraduate knowledge of property law by providing you with an understanding of the practices and procedures involved in property transactions such as transfers, mortgages and leases. It will provide you with the opportunity to apply your knowledge of property, planning and revenue law, your legal research and analysis skills, and your fact analysis skills, for the purpose of finding solutions to client problems. It will enable you to further develop and apply your letter-writing and legal drafting skills. The unit will further provide you with an opportunity to demonstrate some of knowledge, skills and ethical values that a competent legal practitioner is expected to apply to complex commercial transactions and problems.

LPP116 Electives

Anti-requisites	LPZ116
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - 6TP2, 6TP5 External - 6TP1, 6TP2, 6TP3, 6TP4, 6TP5, SUM-1

This unit extends your knowledge of the substantive law and the practices and procedures on two areas of practice that you choose from the following list. You must choose two from the list to satisfy professional admission requirements and unit requirements. The unit will provide you with the opportunity to build and apply your substantive law knowledge, your procedural knowledge, your fact analysis skills and your legal research and analysis skills.

- Administrative law practice
- Criminal law practice
- Family law practice
- Banking and finance law practice
- Consumer law practice
- Employment and industrial law

Units

practice - %emsp;Planning and environment law practice - %emsp;Wills and estates practice

LPP117 Interaction

Anti-requisites	LPZ117
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - 6TP2, 6TP5 External - 6TP2, 6TP3, 6TP5, SUM-1

This unit complements your study in LPP113 Civil Litigation and LPP115 Property. It provides you with an opportunity to build further your legal and fact research and analysis skills, your communication skills and your ability to manage complex legal work in a professional manner. It provides you further opportunities to exercise your professional judgement within an ethical framework appropriate for a legal professional and to apply risk management tools in legal professional work.

LPP118 Placement

Anti-requisites	LPZ118
Credit Points	12
Campus	Gardens Point and External
Availabilities	External - 6TP1, 6TP2, 6TP3, 6TP4, 6TP5, 6TP6

This unit provides a capstone to your practical legal training for admission to the legal profession. It enables you to spend the equivalent of four working weeks in a law office in Australia, in which you can observe legal practitioners delivering legal services. It enables you to observe firsthand legal professionalism in action and to conduct professional reflection on this activity.

LQB180 Biomolecules and Life Processes

Anti-requisites	CVB102 and CZB190
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The composition and function of

biomolecules in the cell and the body is important in understanding the relationships between health and disease. This unit introduces foundational knowledge and skills relevant to understanding the fundamental bioelements, their structural organisation in biological molecules and their functional roles in the central life processes of cells, organs and tissues.

LQB181 Introduction to Medical Laboratory Science

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Medical laboratory scientists have a vital role in the diagnosis of disease and ongoing management of patient care. It is estimated that up to 70% of all medical treatments are based on a pathology diagnosis. This first year unit introduces you to the clinical practice of diagnostic pathology, the role of medical laboratory scientists in healthcare, medical research and the profession of medical laboratory science in a local, national and international context. Foundation knowledge in the core diagnostic pathology disciplines will be introduced using clinical case studies and scenarios in conjunction with basic practical bench-skills required in the laboratory to prepare you for later units of your course.

LQB182 Cell and Molecular Biology

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Cell and Molecular Biology equips you with a comprehensive understanding of the molecular structure and function of the cell. This unit introduces the basic principles and concepts of cell structure, function, specialisation, maintenance and replication, and introduces you to fundamental molecular mechanisms important to the organisation of the cell.

LQB183 Human Systematic Anatomy

Equivalents	LSB131, LSB255
Credit Points	12
Campus	Gardens Point

Availabilities	Gardens Point - SEM-1
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This unit concentrates on the acquisition and application of appropriate anatomical terminology, understanding of basic tissue structure and a detailed understanding of the major anatomical concepts of each of the organ systems within the human body. A focus on language development will underpin the learning in this unit, where you will develop the ability to communicate medical cases effectively to a range of audiences.

LQB184 Biomedical Skills 1

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This introductory unit is designed for first year students studying biomedical science. You will be introduced to academic literacy, practical and quantitative skills which are required for scientists that work in the broad range of biomedical science disciplines. The unit will also develop your understanding of measurements, data gathering and data analysis, including biostatistical methodologies and practices. This unit is designed to give students a strong foundation for continuing studies in biomedical science and related areas of study.

LQB185 Anatomy and Physiology for Health Professionals

Equivalents	LSB182, LSB142, LQD185
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit introduces students to the structure (anatomy) and functions (physiology) of the human body, through an exploration of the major organ systems necessary for life. A focus on medical language development will underpin the learning in this unit, and students will develop the ability to effectively communicate anatomy and physiology concepts in health care environments. This first-year unit provides the foundational knowledge of organ function

in health that will be applied to clinical practice and extended to investigate states of disease throughout the course.

LQB186 Human Cell & Molecular Biology

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Human cell and molecular biology equips you with a foundational understanding of the molecular structure and function of human cells. This unit introduces the basic concepts of cell structure, function, specialisation, maintenance and replication, and introduces you to fundamental molecular mechanisms important to the organisation and function of human cells.

LQB280 Genes, Genomes and Genetics

Pre-requisites	LQB182
Equivalents	LQB385
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Modern human biology is largely focused on interrogating and interpreting the genetic information stored in DNA, RNA and protein to understand health and diagnose and treat infectious and inherited disease. Genetic information and the associated advanced technologies underpin revolutionary advances in all areas of medical and allied health disciplines - especially molecular pathology labs, health clinics and in research laboratories focused on disease. This unit provides an introduction to gene and genome structure and to approaches of interrogating genetic sequence data in the context of inherited and acquired disease.

LQB281 Human Health & Disease Concepts

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit develops an understanding of human anatomy and physiology in health, and the causes and pathogenesis of

human diseases including those of a genetic, microbial, immunologic and traumatic aetiology. Emphasis is placed upon the disciplines of pathology, microbiology and immunology. You are introduced to the language and terminology used within the discipline and are provided opportunities to understand and apply the way in which pathology is measured, diagnosed and treated.

LQB284 Biomedical Skills 2

Pre-requisites	LQB184
Anti-requisites	BSB123
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit will further develop key academic, literacy, practical, and quantitative skills that are important for practicing biomedical scientists and extend opportunities to apply these skills through collaborative work, development of teamwork skills, effective interpersonal skills and scientific communication. This unit is designed to expand students' knowledge of important skills and competencies and provide a strong foundation for continuing studies in the broad range of biomedical disciplines and related health areas.

LQB285 Pathophysiology for Health Professionals

Pre-requisites	LQB185 or LSB182 or LQD185
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

In this unit, students will gain understanding of the diseases that have the greatest impact on the Australian community and healthcare system, particularly the conditions students are most likely to encounter in future professional practice; for example, heart disease, cancer, diabetes, obesity, dementia and asthma. Students will also be introduced to physiological changes across the lifespan.

LQB286 Biomedical Skills 2

Pre-requisites	LQB184
Credit Points	12
Campus	Gardens Point

Availabilities

Gardens Point
- SEM-2

This unit will further develop key academic, literacy, practical and quantitative skills that are important for practicing biomedical scientists and extend opportunities to apply these skills through collaborative work, development of teamwork skills, effective interpersonal skills and scientific communication. This unit is designed to expand students' knowledge of important skills and competencies, including studies in biomedical physics and provide a strong foundation for continuing studies in the broad range of biomedical disciplines and related health areas.

LQB292 Principles of Infection and Immunity

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides you with an introduction to human infectious microbes and the immune system that protects us against disease. Topics include identifying microbes by basic structure/function and also basic innate and adaptive immune system components and pathways. You will also undertake basic PC2 laboratory techniques in microbiology and immunology.

LQB301 Medical Microbiology and Infection Control

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This foundation unit builds upon your fundamental knowledge of the human body and explores the role of microorganisms in human health. In this unit, you will (i) explore the diversity of microorganisms associated with the human body; (ii) examine the host-microbe relationship through each organ system of the human body; (iii) study the mechanisms by which the human body naturally controls infections; and (iv) evaluate the use of antimicrobials and infection control procedures to reduce the impact of infectious diseases on human health. This knowledge and understanding will then be further developed and applied in your subsequent clinical studies in your

chosen health care profession discipline.

LQB362 Principles and Practice of Infectious Diseases

Pre-requisites	LQB281 or LQB292 or BVB101
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides foundation knowledge and understanding of human infectious disease microbiology and topics including the spectrum of disease, diagnosis, aetiology, treatment, prevention, control and epidemiology. You will also learn about the laboratory processing of patient specimens with infectious diseases and how to work safely and competently in a PC2 diagnostic laboratory context.

LQB381 Biochemistry

Pre-requisites	(LQB180 or CZB190) or (CSB421 and CSB432). Pharmacy students must complete CSB421 and CSB432 prior to studying LQB381.
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The study of biochemistry and cell biology, along with anatomy and physiology, provides students with the knowledge required for the proper understanding of the structure and function of the human body and its organ systems in health and disease, as a preparation for their clinical studies.

LQB382 Developmental Anatomy and Tissue Adaptation

Pre-requisites	LQB183 or LSB255 or LQB185 or LSB131
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The human body is very responsive to its environment, both in terms of genetic cues during embryological development and hormonal and mechanical signals during post-natal ageing. This unit will

explore a number of key embryological processes where tissue patterning results in the formation of the nervous, muscular, skeletal and cardiovascular organ systems. Furthermore the ability of tissues to adapt to their environment will be discussed through development of an understanding of tissue biomechanics and the effects of trauma and ageing on the human body. Concepts including strength determinants and the effects of loading and disuse will be explored.

LQB385 Molecular Biology and Bioinformatics

Pre-requisites	LQB182 or LQB186 or BVB101
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Modern human biology is largely focused on unraveling and manipulating the genetic information stored in DNA to understand health and treat disease. Genetic information and associated technologies underpin medical advances that span disease diagnostics, vaccines, drugs, forensics, biomaterials, foodstuffs, environmental rehabilitation and even bioterrorism. This unit provides an introduction to the approaches of interrogating genome sequence data and simple genetic engineering technologies used to manipulate DNA sequences.

LQB387 Principles of Immunology

Pre-requisites	LQB281 and LSB250
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Immunology is the study of the physiological systems used to defend the body from invasion by foreign organisms and the pathologies associated with inappropriate immune responses. This unit is in the course to provide you with knowledge relating to the immune system and application of basic immunological procedures in the laboratory. It assumes knowledge from previous semesters and will provide you with critical foundation knowledge for studies in subsequent semesters.

LQB388 Medical Physiology 1

Pre-requisites	LSB258 or LSB111 or LSB131 or LSB142 or LSB255 or LQB185
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit deals specifically with the physiological systems that are responsible for the maintenance of health in humans. In the course of the semester students will investigate half the systems that constitute the human body (with the remainder dealt with in the second semester unit Medical Physiology 2 [LQB488]).

LQB389 Regional and Sectional Anatomy for Radiation Therapy

Pre-requisites	LSB142
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The aims of this unit are to apply accurate anatomical language to identify and describe macroscopic structures of the human body using regional and sectional anatomy approaches, and develop skills in anatomical communication, teamwork and self-management.

LQB390 Regional and Sectional Anatomy for Medical Imaging

Pre-requisites	LSB142
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The aims of this unit are to apply accurate anatomical language to identify and describe macroscopic structures of the human body using regional and sectional anatomy approaches, and develop skills in anatomical communication, teamwork and self-management.

LQB411 BioInnovation Skills

Pre-requisites	Completion of 96cp of study
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Employment opportunities in the global bioindustry span the gamut from research through to product development, manufacturing and marketing across the sectors encompassing medicine, healthcare, industrial, agricultural, environmental and veterinary biotechnology. Working in the bio-innovation sector requires a suite of skills beyond an in depth technical knowledge of a disciplinary area. Successful careers in the bioeconomy require high level capacities in the soft skills (e.g., effective communication, collaboration, critical and lateral thinking) and entrepreneurial skills as well as an awareness of the pathways and regulatory frameworks of technology commercialisation. BioInnovation Skills introduces you to the bioindustry; in particular the pipeline of innovation and commercialisation and the employability skills and knowledge in demand by the bioindustry.

LQB450 Foundations of Pharmacology

Pre-requisites	LSB250 or LSB111 or LQB281
Equivalent	
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit introduces you to the principles of pharmacology including conventions of naming medicines, routes of drug administration and mechanism of action of drugs. You will develop your skills in understanding the chemistry of drugs and their interaction with the body. Through this process you will gain an appreciation of how the fundamental principles of pharmacology (such as drug nomenclature, distribution, elimination and blood levels of drugs), pharmacodynamics, pharmacokinetics, pharmacovigilance, and pharmacogenetics are related to pharmacological activity. This unit will also enhance your critical thinking skills through the ordering, processing and analysis of data necessary for both the principles of pharmacology and drug administration and monitoring.

LQB462 Microbial Diagnostics

Pre-requisites	LQB362
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point

- SEM-2

As you prepare for a career as a medical scientist, in this unit you will investigate and research microorganisms that are found in the human host as normal regional flora and also those that cause human infectious diseases. In this unit you will develop expertise in the laboratory techniques applied in the diagnostic microbiology laboratory, the ability to interpret the significance of diagnostic testing results, and to communicate these results and your recommendations to medical professionals.

LQB481 Biochemical Pathways and Metabolism

Pre-requisites	LQB381
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The study of biochemistry and cell biology, along with molecular biology, provides students with the knowledge required for the proper understanding of the structure and function of living organisms at the molecular level. As such, this unit extends the studies begun in the unit LQB381 Biochemistry into the metabolic processes occurring in living cells, and provides students with a basis for further studies in biochemistry as well as support for other units in the third year of the course.

LQB482 Anatomical Imaging

Pre-requisites	LQB183 or LSB131 or LSB255 or LSB182 or LQB185
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The ability to image the human body allows a non-invasive investigation to determine health status and diagnose pathologies in patients. This unit will introduce you to a number of key image modalities including plain and contrast radiography, computed tomography and magnetic resonance imaging. You will be given the opportunity to develop analytical skills to identify typical anatomical patterns and appreciate human variability through medical imaging technologies. An understanding of the rationale for each technology will be developed. These skills are highly relevant to future career paths

in medicine, other health fields and biomedical research.

LQB485 Cell Biology

Pre-requisites	LQB385
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit builds on your knowledge of cellular components to examine how these come together structurally and functionally to build cells and tissues that function as part of a whole organism capable of surviving and protecting itself from disease and trauma. It will help you to develop an understanding of individual structural organelles and components in the cell in the context of cell biology and disease processes essential for advanced units in cell and molecular biology.

LQB488 Medical Physiology 2

Pre-requisites	LQB388
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit deals specifically with the physiological systems that are responsible for the maintenance of health in humans. In the course of the semester students will investigate half the systems that constitute the human body (with the remainder dealt with in the first semester unit Medical Physiology 1 [LQB388]).

LQB490 Cytogenetic and Molecular Pathology

Pre-requisites	LQB280 or LQB381 or LSB365
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit will provide you with fundamental knowledge and technical skills to prepare you for your career as a medical scientist. This unit will introduce you to the role of genetic testing in pathology, which is becoming increasingly important in a number of pathology disciplines, and is thus an area of growth and increasingly a potential graduate employment destination. This unit will develop concepts and laboratory skills

fundamental to the understanding and application of the techniques applied across the various pathology disciplines.

LQB494 Pathogen Biology and Pathogenesis

Pre-requisites	LQB362
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit is in the developmental stage of your course, building on concepts you learnt in Principles and Practice of Infectious Diseases (LQB362). This unit will provide you with a fundamental understanding of how microbes cause disease. You will explore how bacteria, viruses, fungi and parasites invade, circulate and alter cellular and tissue function in disease. You will also explore the fundamental relationships between pathogens and the human immune system: how we fight infections and how they fight back. You will have opportunities to practice your analysis and problem solving skills in the area of infectious disease and immunity. Specifically, upon completing this unit you will be able to provide evidence of skills required for the investigation of infectious diseases: 1. The cycle of infection and disease development, 2. Microbial virulence factors, 3. Antibiotic resistance and mechanisms of persistent infection, 4. The interactions between pathogens and the immune system, and 5. Epidemiology of infectious diseases.

LQB502 Biomedical Work Integrated Learning A

Anti-requisites	LQB501, LQB504-3
Other requisites	Completion of 144 credit points in LS40 and approval of LS40 course coordinator
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

This unit provides you with the opportunity to gain industry-based experience through a supervised work placement. Within the workplace (normally a minimum of 120 hours [equivalent to 3 weeks full-time] and maximum of 240 hours) you will apply

knowledge and skills developed during your course of study. Practising workplace related skills such as team work, ethical behaviour, safe workplace practices and reflective practice as well as building on your industry networks will support you in your transition to professional practice. Your placement should be relevant to your course of study and must be approved by the course co-ordinator and the unit co-ordinator before you commence. The learning in this unit can be extended into a second unit LQB503.

LQB503 Biomedical Work Integrated Learning B

Pre-requisites	LQB502
Anti-requisites	LQB501, LQB504-3
Other requisites	Completion of 144 credit points in LS40 and approval of LS40 course coordinator
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

This unit provides you with the opportunity to extend industry-based experience through a supervised work placement. Within the workplace (normally a minimum of 120 hours [equivalent to 3 weeks full-time] and maximum of 240 hours) you will apply knowledge and skills developed during your course of study. Practising workplace related skills such as team work, ethical behaviour, safe workplace practices and reflective practice as well as building on your industry networks will support you in your transition to professional practice. Your placement should be relevant to your course of study and must be approved by the course co-ordinator and the unit co-ordinator before you commence. This unit extends your learning from LQB502.

LQB504 Clinical Physiology Professional Internship

Pre-requisites	LQB504-1. LQB504-1 can be studied in the same teaching period as LQB504-2
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point

- SEM-1, SEM-2, SUM

Clinical physiologists perform diagnostic tests and work directly with patients in multidisciplinary teams. Disciplines include cardiac science, neuroscience, respiratory science, sleep science and there are also opportunities for multidisciplinary practice. This 36 credit point work-integrated learning unit is the core element of the clinical physiology minor and consists of a full-time, intensive unpaid practical placement working in the profession. In addition to developing clinical skills, you will work in the health care sector to develop and apply communication skills, demonstrate professional and ethical practice, infection control, ensure patient confidentiality and privacy and gain an understanding of cultural issues. This unit is designed for students who are aiming for careers in clinical physiology and completion of this unit provides students with the skills and experience required to apply for graduate positions in clinical physiology.

LQB504 Clinical Physiology Professional Internship

Pre-requisites	LQB504-2. LQB504-2 can be studied in the same teaching period as LQB504-3
Anti-requisites	LQB502, LQB503
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

Clinical physiologists perform diagnostic tests and work directly with patients in multidisciplinary teams. Disciplines include cardiac science, neuroscience, respiratory science, sleep science and there are also opportunities for multidisciplinary practice. This 36 credit point work-integrated learning unit is the core element of the clinical physiology minor and consists of a full-time, intensive unpaid practical placement working in the profession. In addition to developing clinical skills, you will work in the health care sector to develop and apply communication skills, demonstrate professional and ethical practice, infection control, ensure patient confidentiality and privacy and gain an understanding of cultural issues. This unit is designed for students who are aiming for careers in clinical physiology and completion of this unit provides students with the skills and experience required to apply for graduate positions in clinical physiology.

LQB504 Clinical Physiology Professional Internship

Pre-requisites	LQB388 and LQB488
Equivalents	LQB501
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

Clinical physiologists perform diagnostic tests and work directly with patients in multidisciplinary teams. Disciplines include cardiac science, neuroscience, respiratory science, sleep science and there are also opportunities for multidisciplinary practice. This 36 credit point work-integrated learning unit is the core element of the clinical physiology minor and consists of a full-time, intensive unpaid practical placement working in the profession. In addition to developing clinical skills, you will work in the health care sector to develop and apply communication skills, demonstrate professional and ethical practice, infection control, ensure patient confidentiality and privacy and gain an understanding of cultural issues. This unit is designed for students who are aiming for careers in clinical physiology and completion of this unit provides students with the skills and experience required to apply for graduate positions in clinical physiology.

LQB508 Clinical Physiology and Pathophysiology

Pre-requisites	LQB388 and LQB488
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Clinical physiology is a rapidly growing area of employment of biomedical scientists, particularly as the Australian population ages, putting increasing pressure on the healthcare system. This advanced unit focuses on understanding the pathophysiology of major clinical disorders through the critical analysis of clinical case studies and the critique and review of relevant research literature. The unit also involves the development of practical skills through the use of clinical physiology instrumentation and interpretation of physiological data. A key aim of LQB508 is to advance your scientific communication skills through both written and oral forms. Thus, LQB508 is specifically designed to

prepare you for your future professional careers or further studies in biomedical research.

LQB512 BioInnovation and Entrepreneurship Project

Pre-requisites	LQB411
Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

Employment opportunities in the global bioindustry span the gamut from research through to product marketing. Business development skills coupled with high-level generic skills (collaboration, communication, networking and professionalism) are as much in demand by the bioindustry as an advanced knowledge of bioscience disciplines. The BioInnovation & Entrepreneurship (BIE) Project Unit is a 24 credit point work-integrated learning framework that aims to provide you with opportunities to apply and build on foundational bioindustry-oriented knowledge and skills that bridge the divide between the worlds of bioscience and biobusiness. The BIE Project Unit features a substantial industry-focused project whereby student teams (or virtual companies) will value add to intellectual property and advance concept ideas towards a commercial product. Within this start-up environment, you will work with industry and academic mentors to learn skills to translate science research into products for the global marketplace. Coupled with the project activities will be opportunities to engage in industry networking events that will further facilitate a professional identity.

LQB562 Advanced Microbial Diagnostics

Pre-requisites	LQB462
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit continues your training in medical microbiology at an advanced level, but retains a global medical laboratory science learning context. This unit aims to further stimulate your scientific enquiry as well as continuing to develop and refine your critical thinking-complex reasoning, data interpretation, scientific communication and information retrieval skills that were first practiced in

your earlier units.

LQB570 Forensic Anatomy

Pre-requisites	LQB382 and LQB482
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This advanced unit explores the field of forensic anthropology and taphonomy, from understanding the process of tissue decomposition, to recovery and identification of unidentified human remains. You will apply traditional and contemporary methodologies to interpret skeletal material to construct a biological profile and probabilistic data suitable in the Queensland Judicial system. Through critical analysis you will gain a deep understanding of patterns of variability in the human body.

LQB571 Neuroscience

Pre-requisites	(LQB388 and LQB488) or (LQB382 and LQB482)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The human nervous system is the most complex and adaptive achievement of the process of evolution. This unit studies the structure and function of the nervous system to understand complex brain behaviours. It expands and combines knowledge of the physiology of the nervous system obtained in Medical Physiology 1 (LQB388) and regional and imaging anatomy of the nervous system gained in Anatomical Imaging (LQB482). This unit advances your understanding in the field of neurobiology and through an introduction to current research topics and methodologies, allows you to explore current research questions, laboratory methodologies and technical skills, and career directions in neuroscience.

LQB581 Biomolecular Control Systems

Pre-requisites	LQB381 and LQB481
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens

Units

Point
- SEM-1

This unit will study advanced biomolecular concepts with a focus on metabolism, signalling pathways, systems and networks that coordinate and regulate the functional behaviour of cells and tissues.

LQB582 Biomedical Research Technologies

Pre-requisites	LQB381 and LQB481
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit will study the technical principles and practical techniques that are essential for advancing research and development in biochemistry and biotechnology.

LQB583 Molecular Systems Biology

Pre-requisites	(LQB385 and LQB485) or (LQB362 and LQB494)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Molecular systems biology deals with the integration of information from individual biological datasets (e.g. transcriptomics, metabolomics, proteomics and other 'omics'). This is key to understanding how related molecules interact and produce a state of interest, across many biological disciplines including human health, as well as animal and plant biology. In this unit we review examples of contemporary approaches to 'omics' data generation and analysis, and the role they play in biomedical sciences.

LQB594 Pathogen Diagnosis and Therapeutics

Pre-requisites	LQB362 and LQB494
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This advanced level unit follows on from the LQB494 Pathogen Biology and

Pathogenesis, and builds upon your fundamental knowledge and understanding of the structural, molecular and metabolic components of microorganisms and how they are regulated. Specifically, this unit will increase your understanding of: (i) host-pathogen interactions, (ii) how the immune system responds to microbial pathogens, and (iii) molecular detection, characterisation of pathogens as well as their resistance mechanisms to antibiotics.

LQB595 Cellular Engineering

Pre-requisites	LQB385 and LQB485
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The ability to manipulate cell behaviour and engineer novel tissue scaffolds and matrix-based culture systems has provided significant advances in the field of tissue therapeutics and regenerative medicine. This unit explores the theoretical underpinnings of stem cells and cell niches; and provides current research examples of how cellular engineering is able to generate in vitro and in vivo biological models to facilitate biomedical research as well as providing applications for human therapies.

LQB600 Physiological Basis of Pharmacology

Pre-requisites	LQB388 and LQB488
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit will provide a systems approach to pharmacology, giving you an understanding of the principles of drug action, how endogenous compounds and drugs interact with receptors to produce an effect in major organs of the body and how this information has led to the identification of drug targets and the development of medicines for therapeutic use.

LQB601 Cancer Biology

Pre-requisites	LQB385 and LQB485
Credit Points	12

Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit uses your knowledge of cellular and molecular biology to explore how molecular changes in cells lead to the spectrum of diseases described as cancer and how this knowledge informs the development of new therapeutic agents. A large component of this unit is the laboratory practicals in which you will develop skills to determine the contribution of a gene of your choice and its protein product to oncogenesis.

LQB608 Extreme Physiology

Pre-requisites	LQB388 and LQB488
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

In this unit you will extend your understanding of human physiology by applying your knowledge to independent research projects. You will develop the skills required to successfully design and implement physiological research projects and to interpret and report your findings.

LQB670 Anatomical Dissection

Pre-requisites	LQB382 and LQB482
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The ability to navigate the human body and its composite tissues is strengthened through the dissection of human cadavers. In teams, you will conduct a whole body dissection of a human cadaver and prepare an anatomical prosection that you will use to communicate a specific anatomical concept. The knowledge and skills you have developed throughout your course will be put to practise in this advanced unit, unique to the Anatomical Sciences major, in the final semester of your course.

LQB671 Histological Research Techniques

Pre-requisites	LQB382 and LQB482
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Units

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Histological techniques underpin a large proportion of current biomedical research, allowing critical analysis of cellular and tissue morphology and behaviour. This unit allows you to develop the necessary practical skills to perform basic and specialised histological analyses relevant to research contexts including tissue preparation, sectioning and staining of a range of different tissue samples; and build the theoretical underpinnings to troubleshoot and optimise histological analyses. This highly practical emphasis will provide excellent preparation for future studies in biomedical research.

LQB681 Biomolecular Research Skills

Pre-requisites	LQB381 and LQB481
Equivalents	LSB607
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

In the real world, the design and completion of successful research and/or business projects demand that individuals gather information, solve problems, work independently as well as in a team and analyse and communicate results in a critical manner. The unit provides you with the opportunity to design and complete a student-directed research project in a mentored problem-based learning environment that mirrors a real-world research team and the challenges that they face. The unit learning outcomes focus on the development of research competencies and skills in biomolecular science, as well as strengthening interpersonal skills that are considered valuable for many careers, including careers in biomedical research and biotechnology.

LQB682 Biomolecular Design

Pre-requisites	LQB381 and LQB481
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Protein engineering is rapidly becoming a

dominant technology in biotechnology with over half the newly approved drugs in 2017 being protein-based. This unit explores the fundamental aspects of protein structure and function that are required to carry out protein engineering and introduces you to the computational and molecular biology techniques used to modify proteins to improve their biotech potential.

LQB683 Diagnostic Cytopathology

Pre-requisites	LSB566
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Cytopathology is an important diagnostic tool for obtaining a morphological diagnosis of disease processes that is rapid, economical and minimally invasive. It also plays an important role in cancer diagnosis, monitoring and, in the case of cervical screening, prevention. This unit prepares you for employment in a diagnostic cytopathology laboratory and introduces the types of specimens reported, methods of processing applied and the cytological features used to diagnose tumours and benign conditions.

LQB684 Advances in Medical Biotechnology

Pre-requisites	LQB385 and LQB485
Equivalents	LSB609
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This advanced level unit will enable you to understand the challenges and possibilities of modern biotechnology. Students will utilise their existing critical analysis and problem solving skills to examine the development of diagnostics and therapeutics for safe and effective clinical use in the modern complicated healthcare environment. The unit has a strong focus on the further development of your scientific research skills through a semester long research project conducted in QUT laboratories. It will prepare you for subsequent involvement in medical research and/or employment in medical laboratories.

LQB693 Immunological Approaches for Infection and Immunity

Pre-requisites	LQB594 or LQB387
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This is an advanced level unit in the Infection and Immunity learning progression. Upon completing this unit, you will have: (i) acquired skills relevant to immunological research and diagnostic settings laboratories; (ii) extended your knowledge of immunology in real world research study areas; (iii) developed an appreciation and understanding of the use of in vitro and in vivo immunological techniques; and (iv) knowledge of strategies for retrieval and analysis of immunological data.

LQB694 Infectious Disease Outbreaks

Pre-requisites	LQB362 and LQB494
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This advanced level unit is the capstone unit in the Infectious Diseases learning progression. Upon completing this unit, you will have: (i) acquired skills in advanced molecular microbiology; (ii) extended knowledge of host-pathogen interactions; (iii) an understanding of the challenges faced in the diagnosis, treatment and prevention of emerging pathogens; and (iv) developed strategies and research priorities for the control and prevention of outbreak scenarios.

LQB783 Work Integrated Learning Internship 1

Pre-requisites	Completion of 288cp in LS47
Co-requisites	LQB784 and LQB785
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This is the first of two work integrated learning internship units (LQB783 and LQB784) positioned in the final year of

Units

LS47. Over four (4) weeks you will have the opportunity to apply and demonstrate your learning and skills in the workplace. The internship units combined with your clinical units in second and third year, and your remaining units in your final Semester, will prepare you for work in a diagnostic pathology laboratory, and must be completed for you to meet the professional course accreditation workplace integrated learning requirements to graduate from this course. It will also place you in direct contact with prospective employers and allow you to interact, network and learn from experienced medical laboratory scientists.

LQB784 Work Integrated Learning Internship 2

Pre-requisites	LQB783 and Completion of 288cp in LS47. LQB783 can be enrolled in the same teaching period as LQB784
Co-requisites	LQB785
Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This is the second of two work integrated learning internship units (LQB783 and LQB784) positioned in the final year of LS47. Over eight (8) weeks you will have the opportunity to apply and demonstrate your learning and skills in the workplace. The internship units combined with your clinical units in second and third year, and your remaining units in your final semester, will prepare you for work in a diagnostic pathology laboratory, and must be completed for you to meet the professional course accreditation workplace integrated learning requirements to graduate from this course. It will also place you in direct contact with prospective employers and allow you to interact, network and learn from experienced medical laboratory scientists.

LQB785 Transition to Professional Practice in Medical Laboratory Science

Pre-requisites	LQB783 and Completion of 288cp in LS47. LQB783 can be enrolled in the same teaching period as LQB784
Co-requisites	LQB784

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit recognises that you are about to transition from university to clinical pathology practice and that you will need to sustain your professional and educational development. Accordingly, this unit provides a dual platform for transition to practice and independent professional development.

LQB882 Projects in Clinical Pathology

Pre-requisites	LQB784
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Medical science is a dynamic, rapidly changing field and profession. With new and emerging technologies, testing platforms and approaches to service provision and healthcare, it is critical you are aware of how this influences the provision of pathology testing, results generated and overall operation of the laboratory. It is also essential that you understand, and are aware of the changing patterns seen in disease frequency, distribution and the impact this has at the local, national and global level, and on your future career as a medical laboratory scientist.

LQB883 Intercultural Health in Clinical Practice

Pre-requisites	LQB784
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Medical laboratory scientists, like all health professionals, are increasingly required to work in a range of environments and communities. This requires knowledge of the types and applications of pathology testing, as well as skills that enable culturally safe interactions with diverse cultures, and with the diversity within each group. This final semester unit builds on your knowledge, skills and experiences gained in your clinically focused units and workplace internship, and will provide you with interpersonal and communication skills and knowledge applicable to the

variety of healthcare settings you may be exposed to in your future career as medical laboratory scientists.

LQD185 Anatomy and Physiology for Health Professionals

Equivalents	LQB185
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

This unit introduces students to the structure (anatomy) and functions (physiology) of the human body, through an exploration of the major organ systems necessary for life. A focus on medical language development will underpin the learning in this unit, and students will develop the ability to effectively communicate anatomy and physiology concepts in health care environments.

LQN100 Human Genetics

Credit Points	12
Campus	Online
Availabilities	Online - SEM-1

This unit will introduce you to the broad concepts and principles underlying human genetics. You will cover the following topics in your studies: pedigrees, modes of inheritance, inheritance probabilities, the structure of DNA, X-inactivation, single nucleotide polymorphisms, DNA mutations and DNA repair.

LQN101 Disease Pathogenesis

Credit Points	12
Campus	Online
Availabilities	Online - SEM-1

This unit will introduce you to the genetic processes involved in disease pathogenesis including molecular and cytogenetic pathogenic events leading to disease. Molecular pathogenesis focusing on mutation functional classes and genotype/phenotype relationships, including modifying factors. Cytogenetic pathogenic events will focus on aneuploidy and structural rearrangements. The unit will also provide examples of specific types of disorders including inborn errors of metabolism, triplet repeat disorders and cell function disorders, such as disorders affecting signalling, protein trafficking, cell cycle

Units

and ion channel diseases.

LQN102 Diagnostic Genetics

Credit Points	12
Campus	Online
Availabilities	Online - SEM-1

This unit will extend your knowledge of the clinical diagnostic processes involved in testing germline and somatic disorders by both molecular and cytogenetic means. It will provide background information on reasons for genetic testing referrals in medical genomics including disease diagnosis, carrier testing, predictive and pre-disposition genetic testing, newborn screening and prenatal testing. Pre-implantation genetic testing and both invasive (fetal tissues - amniocentesis; CVS; fetal blood) and non-invasive prenatal testing ("cell-free" nucleic acids and fetal cells in maternal blood) will be explored, as well as therapeutic and management options. You will also be advised about the pathway to professional accreditation by the HGSA.

LQN103 Genetic Technologies

Credit Points	12
Campus	Online
Availabilities	Online - SEM-1

This unit will introduce you to several key genetic technologies including high-throughput and low throughput molecular methodologies. The unit is mainly focused on introducing the theory of these methods, in particular highlighting their advantages, disadvantages, strengths and limitations. You will have sufficient knowledge to know which technology is indicated for a given diagnosis. Emphasis will be placed on the integration of these technologies to ensure a rapid and accurate workflow for identifying a range of pathogenic mutations using different technologies. Students will also learn the fundamentals of research methods including formulating questions, study design, experimental design, collecting data and testing hypotheses.

LQN200 Advanced Cell and Molecular Biology

Credit Points	12
Campus	Online
Availabilities	Online - SEM-2

This unit will introduce you to broad

concepts of cell and molecular biology. Students will cover the following topics in their studies: cell cycle, DNA replication, mitosis, meiosis, transcription, translation, the genetic code, types of RNA, RNA processing, amino acid structure, protein structure, post-translational modification.

LQN201 Lab Management, Compliance and Quality Control

Credit Points	12
Campus	Online
Availabilities	Online - SEM-2

This unit introduces the essential elements of a laboratory information management system with regard to samples, patient and test data, compliance, quality control measurement, document control, equipment maintenance, staff technical competence records, regulations and security. Consider the processes of logging, tracking, handling, storage, retrieval, analysis and audit for each of these components.

LQN202 Genomics Analysis

Credit Points	12
Campus	Online
Availabilities	Online - SEM-2

This unit will introduce you to relevant concepts and current methods involved in genomic data analysis as it pertains to diagnostics and research. This will include expression/genotyping array technology and massively parallel sequencing.

LQN203 Ethical, Legal and Social Issues in Genetics and Genomics

Credit Points	12
Campus	Online
Availabilities	Online - SEM-2

This unit will introduce you to the current social, cultural, legal and ethical issues generated by the diagnosis or identification of risk for a genetic condition including privacy of the family and wider community levels; ownership of genetic information; informed consent; genetic testing of children; professionalism and paternalism; equity and access to services; international, national and jurisdictional laws and genetic discrimination; regulations and guidelines governing genetics services delivery; and

practice ethics.

LQN204 Molecular Genomics

Credit Points	12
Campus	Online
Availabilities	Online - SEM-2

This unit will introduce you to broad concepts and principles of molecular diagnostic genomics as well as an understanding of the rationale of genetic testing for autosomal recessive, autosomal dominant, X-linked disorders, mitochondrial disorders, trinucleotide repeat disorders, and conditions caused by methylation defects. Students will cover the following topics in their studies: pedigrees, modes of Mendelian and non-Mendelian inheritance, types of disorders, mutation classifications, genetic testing, linkage analysis and risk calculations.

LQN206 Cytogenomics

Credit Points	12
Campus	Online
Availabilities	Online - SEM-2

This unit will introduce you to the concepts and principles of clinical cytogenetics and cytogenomics. You will cover the following topics in your studies: cytogenetic set-up, culture, harvesting and banding, karyotyping and analysis (constitutional and malignant), Fluorescence in situ hybridisation (metaphase FISH and interphase FISH) and DNA microarray (CGH, SNP-array). You will demonstrate knowledge about the clinical phenotype and underlying genetics of constitutional cytogenomic disease. This will include, but is not limited to, the effects of aneuploidy (autosomal and sex-chromosome), uniparental disomy, microdeletions, microduplications and other chromosomal aberrations detectable by karyotype, FISH and/or microarray. A knowledge of chromosomal aberrations seen in malignant diseases is also essential. These would include changes associated with myelodysplastic syndromes & clonal haemopoiesis of indeterminate potential, myeloproliferative neoplasms, acute leukaemias, chronic leukaemias, plasma cell myeloma & monoclonal gammopathy of undetermined significance and solid tumours.

LSB111 Understanding Disease Concepts

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit reviews the anatomy and physiology of human body systems and links those to pathogenesis of disease. Systems and topics covered are: integumentary, musculoskeletal, nervous, cardiovascular, lymphatic, respiratory, digestive and urogenital. Examples of diseases introduced are: heart disease and hypertension, cancers, diabetes, obesity, dementia, stroke, asthma and chronic obstructive lung diseases.

LSB131 Anatomy

Equivalents	LSB145
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit includes basic concepts of anatomy: an overview of the structure of cells, body tissues, and body systems; aspects of surface anatomy which are relevant to human movement; musculoskeletal systems.

LSB142 Human Anatomy and Physiology

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The aim of this unit is to provide grounding in the principles of human anatomy and physiology. Following an introduction to the structure of the cell and the organisation of tissues, each of the major systems that constitute the human body are examined by the integrated study of their anatomy and physiology.

LSB231 Physiology

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit covers the general physiological principles such as homeostasis and how all systems in the body contribute to it. Topics include cells, transport processes,

cardiovascular system, cardiac electrical activity, cardiac output, regulation of blood pressure, respiratory system, endocrine system, pulmonary ventilation and its function.

LSB235 Anatomy of the Lower Limb

Pre-requisites	LSB131
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Clinical practice in Podiatry requires a detailed understanding and knowledge of the systematic and regional anatomy of the lower limb. This unit introduces you to the theoretical and practical concepts of these two areas of anatomy. It builds on LSB131 Anatomy and prepares you for your clinical studies.

LSB250 Human Physiology

Pre-requisites	LQB182 or LSB142 or LSB131 or LSB255
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

A foundation in human physiology is crucial for students in optometry, podiatry, pharmacy, medical science, nutrition and other areas of health. This unit will provide you with the knowledge and practical skills to enable your subsequent study in physiology, pathophysiology, pathology, endocrinology or pharmacology units in the later years of your course. You will also develop your communication, critical thinking and problem solving skills.

LSB255 Foundations of Anatomy and Histology

Pre-requisites	LQB182
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The purpose of this unit is to provide you with a sound understanding of the structural organisation of the human body at the gross (macroscopic) and histological (microscopic) levels. The practical component of this unit extends the development of microscopy skills

introduced in first semester (LQB182 Cell and Molecular Biology) so that you can develop the capacity to critically analyse histological sections and identify normal human tissues and organs. Knowledge and practical skills acquired in this unit will allow you to engage with more advanced studies in the general cellular and pathological processes which underlie major diseases of human organ systems (LSB365 Pathology).

LSB258 Principles of Human Physiology

Pre-requisites	LQB183 or LSB131
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This course provides a foundation in the fundamental aspects of human physiology. It is focused on understanding the function and regulation of the main physiological systems of the body. Through this course, you will also gain laboratory skills and knowledge of interpreting experimental data. This course will provide a platform for ongoing and more advanced studies in other disciplines of biomedical science.

LSB365 Pathology

Pre-requisites	LQB281 and LSB250 and LSB255
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The aim of this unit is to introduce you to the study of disease processes underlying the major diseases of human organ systems. The first part of the unit will introduce you to aspects of general pathology including cell adaptation, inflammation, haematology, and cancer. Systemic pathology will be covered in the second part of the unit during which the general pathologic processes will be applied to the major organ systems of the body. In addition, you will expand and further develop your practical skills along with your understanding of how they relate to laboratory investigation and diagnosis of disease.

LSB425 Quality and Analysis in Clinical Pathology

Pre-requisites	LQB381 and MAB141
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Medical laboratory scientists play a vital role in patient care. Pathology test results are used for diagnosis of disease, treatment decisions, monitoring and prognosis and screening and it is important that the results are the 'right' result for the patients concerned. With an emphasis on the discipline of clinical biochemistry, this second year unit explores the major analytical techniques used in the pathology laboratory and the quality assurance practices that are in place in real world laboratories to ensure the accuracy and precision of the patients' results. This unit prepares students for the specialised clinical biochemistry units undertaken in third year.

LSB466 Histological Techniques

Pre-requisites	LSB365 and (CVB101 or PQB105 or LQB180)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Histology is the study of tissues at the microscopic level. Histological techniques are the procedures used in the laboratory to prepare tissue for histology. This second year unit is designed to provide you with the essential knowledge and practical skills to work in a histology department of a pathology laboratory. In particular you will gain theoretical knowledge and practical skills in sectioning of paraffinised tissue blocks (microtomy), as well as application of the most commonly used staining techniques in pathology.

LSB492 Microbiology

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit will provide you with foundation knowledge and an understanding of the

diversity of microorganisms, the host's immune response to infection, and methods of control of microorganisms. You will: (i) study relevant infectious disease states, (ii) research the importance of microbial pathogens as aetiological agents of disease, and (iii) reinforce your knowledge of microorganisms and methods of control of microorganisms by performing experiments within the microbiology laboratory.

LSB525 Chemical Pathology

Pre-requisites	LSB425
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit is designed to provide you with the knowledge and practical skills to work competently as a medical scientist in a diagnostic chemical pathology (clinical biochemistry) laboratory. In developing these skill sets it is essential that you have an in-depth understanding of the aetiology, physiology, pathology, and laboratory investigations relating to different biochemical markers and disorders. This is a third year unit that builds on the theoretical aspects of biochemistry dealt with in LQB381 and the practical and analytical skills developed in LSB425.

LSB555 Principles and Practice of Clinical Haematology

Pre-requisites	LQB490 and LQB387
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Haematology is the study of blood and investigates pathologies associated that can lead to disease or an increased risk of bleeding or thrombosis. This third year unit is designed to provide you with the essential knowledge and practical skills to work in a clinical (diagnostic) haematology laboratory. To develop those skills, it is critical you have an in-depth understanding of the aetiology and pathophysiology of the most frequently encountered dyscrasias, and the principle and rationale of laboratory investigations used to identify and diagnose them and/or monitor patient therapy in the clinical setting. LSB555 incorporates and builds on your learning and practical skill

development from second year and prepares you for LSB655 and LSB665 next semester.

LSB566 Histopathology

Pre-requisites	LSB466
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Histopathology is the study of cells and tissues and investigates the pathologies associated. This third year unit is designed to provide you with knowledge and practical skills to work in a histopathology laboratory and interpret advanced histopathological tests. To develop your knowledge of these techniques, ability to apply your learning and practical skills it is critical you have an understanding of the principle and rationale of these tests. LSB566 incorporates and builds on your learning in LSB466 and LQB490 and prepares you for LQB683 in the next semester of your course.

LSB625 Diagnostic Endocrinology

Pre-requisites	LSB525
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Endocrinology is a specialised area of study in clinical chemistry and investigates pathologies associated with the hormonal control mechanisms that regulate metabolism and growth within the body. It is a third year unit that builds on the theoretical aspects of biochemistry in LQB381 Biochemistry, the practical skills developed in LSB425 Quality and Analysis in Clinical Pathology, the study of quantitative medical science, and the theoretical and practical elements of LSB525 Chemical Pathology.

LSB655 Applied Clinical Haematology

Pre-requisites	LSB555
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This third year haematology unit builds on

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the knowledge and skills you acquired in LSB555 to explore the less common and more complex haematological disorders, malignancies and haemostatic defects encountered in day-to-day practice. This unit will develop your ability to identify and recognise these disorders, and explores the aetiology, pathophysiology and laboratory tests used to investigate and diagnose them, and/or monitor treatment in the clinical setting. This unit, combined with LSB555, prepares you for your clinical internship in fourth year and employment as a medical scientist in a diagnostic haematology laboratory.

LSB658 Clinical Physiology

Pre-requisites	(LSB142 and LQB281) or (LSB282 and LSB382) or LQB285
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

To operate successfully in the clinical environment, Allied Health professionals require an integrated understanding of the systems of the human body and the impacts of diseases and trauma. This advanced unit focuses on understanding the pathophysiology of major disorders through critical analysis of clinical case studies and interpretation of physiological data. The unit also incorporates clinical simulations of emergency cases and the practical application of clinical physiology methods. Thus, the unit is designed to give you an in-depth understanding of disease processes and practical application of clinical physiology that prepares you for your future career.

LSB665 Transfusion & Transplantation Science

Pre-requisites	LSB555
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Transfusion and Transplantation Science is a specialised field within Medical Science, primarily involving the testing of blood for antigen and antibody compatibility for the safe transfusion of blood components. The immunological concepts are extended to histocompatibility testing for tissue transplantation in a theoretical context. Prior learning of fundamental immunology and haematology is required to undertake this unit.

LSN104 Advancing Anatomy and Physiology

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit builds and integrates knowledge of the structure and function of the human body to understand the complexity and spatial relationships of cells, tissues and organs; and their specific roles in maintaining human health. You will have the opportunity to explore real and virtual anatomical models, physiological instrumentation and advanced pathological and imaging case studies, to demonstrate higher order cognitive skills in anatomy and physiology. There is a strong emphasis on developing and applying expertise in anatomical terminology to facilitate effective communication in professional practice in health and scientific fields.

LWD101 Ethics Law and Health Care

Equivalents	
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP2, 13TP3

Healthcare practice involves making decisions for, and with, others. An important requirement of such decisions is that they are consistent with public and professional responsibilities and that they serve to promote the needs of patient/clients. The basic requirements and considerations are established by law, ethics and professional values. The unit explores the relationship between law and ethics to lay the foundations of understanding of both law and ethics as they relate to healthcare and to your professional practice.

LWN025 Research Project 1a

Pre-requisites	LWN304. LWN304 can be studied in the same teaching period as LWN025
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2, SUM External

- SEM-1, SEM-2, SUM

In this unit, students undertake over one semester a supervised research project of about 10,000 words, approved by the Director, Graduate Programs.

LWN050 Competition Law

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

The unit provides an overview of the anti-competitive practices, including cartel conduct, that are proscribed by the Competition and Consumer Act 2010 (Cth).

LWN051 Consumer Law

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

The rationale for the unit Consumer Law is to provide an overview of the consumer protection provisions of the Competition and Consumer Act 2010 (Cth).

LWN053 Research Project 1b

Pre-requisites	LWN304. LWN304 can be studied in the same teaching period as LWN053
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM

In this unit, students undertake a supervised research project of about 10,000 words over one semester approved by the Director of Graduate Programs.

LWN056 Research Project 1c

Pre-requisites	LWN304. LWN304 can be studied in the same teaching period as LWN056
Credit Points	12
Campus	Gardens Point and

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	External
Availabilities	Gardens Point - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM

In this unit, students undertake over one semester a supervised research project of about 10,000 words, approved by the Director of Graduate Programs.

LWN057 Research Project 1d

Pre-requisites	LWN304. LWN304 can be studied in the same teaching period as LWN057
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM

In this unit, students undertake over one semester a supervised research project of about 10,000 words, approved by the Director, Graduate Programs.

LWN065 Construction and Engineering Law

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 External - SEM-2

Preparation of construction and engineering contracts has now become a distinct area of legal practice, with many firms having established sections that specialise in this area. A sound knowledge of the standard forms used in the industries and the special principles of law applicable to this area is essential for those wishing to practise in the area. This unit provides the knowledge sought by current and future practitioners and those considering embarking upon research in this area.

LWN075 International Commercial Transactions

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 (Block), SEM-2 (Block) External

This information is correct as at 10/12/2018. For the most up-to-date course information, visit <https://www.student.qut.edu.au/enrolment/units/>. CRICOS No.00213J

	- SEM-1, SEM-2
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This unit deals with the legal problems arising from the formation and operation of international commercial transactions. Understanding the law and practice regarding international commercial transactions is a prerequisite for the development of trade with Australian businesses.

LWN094 Mining and Energy Law

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-2 (Block) External - SEM-2

Natural resources law and its related subject, environmental law, have become significant areas of professional legal practice over the last decade or so. One of the particular areas of natural resources law for these purposes is mining and energy law. Mining and energy law is the law relating to the ownership, use, development and control of those natural resources which are used to produce energy for the benefit of the community. Areas covered in this unit include the sources and history of mining and energy law; the principles and concepts underlying mining and energy law; the common law rules of ownership of sources of energy; statutory ownership of sources of energy; how the law regulates access to sources of energy; and how the law controls the development of sources of energy, offshore petroleum and minerals regulation, renewable energy regulation, mining, energy and climate change, and mining agreement and revenue frameworks.

LWN099 Intellectual Property Law

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

This unit includes a study of the concept of Intellectual Property and the principles and policies of intellectual property law. Topics covered include copyright, designs, patents, innovation patents, trade marks, passing off, and breach of confidence.

LWN119 Employment Law

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2 (Block)

Employment law is a foundation unit that allows students to survey at an advanced level the sources, components and relationships of employment law in Australia. Successful completion of this unit provides students with the necessary background to continue on to undertake further advanced courses in more specialised areas of labour law.

LWN158 Public International Law

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 External - SEM-1

Public international law is the foundational law that governs the rules operating as between states. It establishes, for instance, the contexts in which force may be used, how new states come into being, what environmental obligations states owe to one another, and the immunities states and their representatives may enjoy from prosecution. It is pursuant to international law that international courts and tribunals have been established to prosecute war criminals. Furthermore, doctrines of international law underpin arguments concerning the appropriate maritime boundaries between states or the competence of international forces to intervene in situations of humanitarian crisis or conflict. Not only is international law vital to understanding many high-profile world events, increasingly Australian law is being shaped by norms of international law such as international human rights law.

LWN164 Health Care Law and Ethics

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 (Block), SEM-2 (Block) External - SEM-1, SEM-2

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The relationship between law and ethics in healthcare is critical but at times contested. This unit explores that relationship, aiming to lay the foundations of an advanced understanding of law and ethics as they relate to healthcare.

LWN194 Select Issues in Medical Law and Ethics

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 (Block) External - SEM-1

This unit develops an understanding of the major conceptual issues underpinning contemporary debates and proposals for law reform in the following main areas of health law: withholding and withdrawing medical treatment and euthanasia; organ donation; embryonic stem cell research; and genetic engineering. It then aims to develop an understanding of the role such a clarification can play in contributing to, and resolving, some of the more intractable issues in the debates.

LWN204 Family Dispute Resolution

Pre-requisites	LWN206. LWN 206 can be studied in the same teaching period as LWN204.
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1 (Block), SEM-2 (Block)

In Australian family law, litigation is an option of last resort and parties in parenting cases are required to attempt resolution of their disputes before filing applications in courts, unless their case falls within the exceptions, such as where there are issues of family violence or urgency. In financial disputes, judicial officers recommend that parties attempt negotiation or mediation prior to filing a court application. It is essential that professionals working in family law have a knowledge and understanding of the family dispute resolution system. Future family dispute resolution practitioners (FDRPs) require a knowledge and understanding of the family dispute resolution (FDR) system, communication skills and an understanding of how to effectively facilitate FDR using the facilitative mediation model. They also need to understand the legislative and

ethical obligations of FDRPs and how to conduct intake and screening to assess suitability for mediation. This unit follows LWN206 Mediation, being the second in a series of units to complete if you are seeking family dispute resolution practitioner accreditation. After this unit you complete LWN209 Case Management and either QUT Family Mediation Practice or your own placement approved by the QUT Law School. Once you have satisfactorily completed all of these units and your supervised practice, we can issue you with a cert

LWN206 Mediation

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1 (Block), SEM-2 (Block)

The legal system is increasingly using dispute resolution processes such as mediation to assist in the resolution of disputes. Mediation is used in a wide range of forums such as in workplace, education, consumer, building and construction disputes and family law settings. Parties can attend mediation prior to filing an application in court or may be ordered to attend mediation by a judicial officer once their case is in court. In family law parenting cases, there are pre-filing mediation requirements. The increasing use of mediation has led to a high level of regulation of this profession and an accreditation process being implemented and maintained by the Australian Mediator Standards Board. Mediators can now become nationally accredited under the National Mediator Accreditation System, and this ensures that they have the ability to conduct a facilitative mediation process and maintain their knowledge and skills by participating in ongoing professional development and conducting a certain number of hours of mediation in each two-year cycle. National accreditation as a mediator is required to apply to be on some court, tribunal and government mediation panels. This unit complies with the knowledge and skills requirements of the national mediation standards and will enable you to undertake a national mediation assessment; if you pass this assessment you can apply to become a na

LWN209 Case Management

Pre-requisites	LWN204 and LWN206
Credit Points	12

Campus	Gardens Point
Availabilities	Gardens Point - SEM-1 (Block), SEM-2 (Block)

To work effectively as a family dispute resolution practitioner (FDRP), you need to develop a broad range of knowledge, skills and strategies to conduct intake and screening and to facilitate family dispute resolution processes with families in high conflict. You undertake this unit after successful completion of LWN206 Mediation and LWN204 Family Dispute Resolution and if you are seeking to become an accredited FDRP with the Commonwealth Attorney-General's Department. You will participate in a range of simulations and clinical activities to further develop your family dispute resolution knowledge, skills and strategies. In addition to this unit, you must undertake 20 hours of supervised FDR practice to become an accredited FDRP. This may be completed through the QUT Family Mediation Practice short course or with another approved FDR supervisor. A certificate of completion that you can use to apply for FDRP accreditation with the Commonwealth Attorney-General's Department will only be issued on completion of both this unit and the further 20 hours of FDR supervised practice, and written evidence of completion of this further supervision.

LWN210 Family Mediation Practice

Pre-requisites	LWN204 and LWN206
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1 (Block), SEM-2 (Block)

To work effectively as a family dispute resolution practitioner (FDRP) you need to develop a broad range of family dispute resolution (FDR) knowledge, skills and ethical awareness to conduct Intake and Screening and to facilitate FDR processes with families who may be in high conflict. You undertake this unit after successful completion of LWN206 Mediation and LWN204 Family Dispute Resolution (or equivalent) and if you are seeking to become an accredited FDRP with the Commonwealth Attorney-General's Department. Before enrolling in this unit, you also need to be a nationally accredited mediator registered with an accrediting body such as the Queensland Law Society, Bar Association, Australian Mediation Association or the Resolution Institute and hold current mediator

insurance. You will undertake 20 hours of FDR practice under the supervision of accredited FDRPs. You will facilitate FDR sessions with real clients in the QUT Family Mediation Service which runs out of the QUT Health Clinic at Kelvin Grove campus. A certificate of completion that you can use to apply for FDRP accreditation with the Commonwealth Attorney-General's Department will only be issued on your completion of 50 hours of supervised FDR practice which can be completed by you completing both LWN209 Case Management and this unit.

LWN301 Principles of Australian Contract Law

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 (Block), SEM-2 (Block) External - SEM-1, SEM-2

Although grounded in principles of English common law, Australian contract law has, like many other areas of Australian law, developed a distinctly Australian slant, particularly in the last 20 years. These emerging principles, as well as the more fundamental contract law concepts, will be explored in this unit. Where appropriate, emphasis will be placed on the legal principles applicable in Queensland.

LWN304 Legal Research Methodologies

Anti-requisites	LWN048
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 (Block), SEM-2 (Block) External - SEM-1, SEM-2

This unit is the foundation unit in which students undertaking a postgraduate course work program in the discipline of law begin to deepen their knowledge of approaches to legal research, including quantitative and qualitative research frameworks and methods, and develop advanced research skills. While completing this unit, you will develop a research proposal on a law-related issue chosen by you. If you are completing the Master of Laws or Master of Applied Law, you will complete this unit in preparation

for the capstone legal research and writing project unit (LWN600 Professional Research and Writing for Law).

LWN305 Australian Applied Law

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

The unit is core for all students completing the Graduate Certificate in Applied Law (LW76) and the Master of Applied Law (LW75). It is also core for international students completing the Master of Laws (LW71) and the Graduate Certificate in Law (LW72). This unit will assist students' transition into these courses by developing a solid foundation in the Australian common law system, with particular emphasis on the Australian legal and constitutional framework. Students in this unit will also acquire skills in scholarly legal writing and doctrinal research, which are necessary to the application of law.

LWN401 General Introduction to Intellectual Property Law

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1 (Block)

The unit serves as an overview of the principal areas of intellectual property in contemporary society and introduces the principles of intellectual property law through a study of the concepts, principles and policies of intellectual property law.

LWN402 Patents and Biotechnological Inventions

Pre-requisites	LWN401. LWN401 can be studied in the same teaching period as LWN402
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - 6TP2 (Block)

The unit introduces the role of patent law in protecting creative activities in diverse fields of industry and notably in biotechnology and information

technology. It focuses upon the workings of the patent system in the contemporary context.

LWN403 Copyright and Related Rights

Pre-requisites	LWN401. LWN401 can be studied in the same teaching period as LWN403
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - 5TP3 (Block)

This unit analyses the complexities of copyright law in the digital age. It introduces the concepts of copyright law and the principles and policies of copyright law. It especially focuses on intermediary liability, the remix and reuse culture, digital rights management and technological protection measures, parody, satire rights and open content licensing.

LWN404 Trade Marks, Domain Names and Geographical Indications

Pre-requisites	LWN401. LWN401 can be studied in the same teaching period as LWN404
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - 5TP4 (Block)

This unit details the legal protection provided to trade marks under legislation and the common law, introducing the principles of law required for obtaining, maintaining, managing and exploiting a registered trademark under the Trade Marks Act 1995 (Cth).

LWN405 Industrial Designs Law and Practice and Plant Variety Protection

Pre-requisites	LWN401. LWN401 can be studied in the same teaching period as LWN405
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - 6TP4 (Block)

This unit examines the legal protection provided to industrial designs and new plant varieties under both national and

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international legislation. It focuses on the increasing economical importance of industrial designs and investigates the various national and international principles of law required for obtaining, maintaining, managing and exploiting industrial designs, and enforcing their protection.

LWN406 Traditional Knowledge and other Emerging Issues, Interface between Antitrust and IP Rights

Pre-requisites	LWN401. LWN401 can be studied in the same teaching period as LWN406
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - 6TP5 (Block)

The unit details the relationship between intellectual property and competition laws and critically analyses topical issues currently presenting challenges in IP law.

LWN407 Intellectual Property Management and Commercialisation

Pre-requisites	LWN401. LWN401 can be studied in the same teaching period as LWN407
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2 (Block)

This unit examines the principles of IP management and their application in its commercialisation. In examining the concepts of research and development and the principles and policies of technology transfer, focus will be placed on how to best deal with the IP.

LWN408 Research Project

Pre-requisites	LWN401. LWN401 can be studied in the same teaching period as LWN408
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The capstone research project exposes you to a real world intellectual property question and assists you to develop skills in original research, critical analysis and

the application of intellectual property law in professional practice.

LWN601 Professional Project in Law

Pre-requisites	LWN601-1
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 (Block), SEM-2 (Block) External - SEM-1, SEM-2

The ability to complete complex projects in a legal environment requires professionals who are able to look at scenarios and the challenges they present and analyse the legal implications for the community, industry or the workplace. This unit is the second component of the two-component capstone unit for the Master of Laws and the Master of Applied Law. In the first component you designed a research strategy and conceptual framework for the project that you will complete in this unit. You will be working towards a real world outcome such as a law reform submission, report to benefit government, industry or the community or a scholarly paper that may be submitted as an article to a journal. The advanced knowledge and research skills developed in previous units are consolidated in this unit. While research projects are individual, you may also work collaboratively with your supervisor and other students and develop skills in peer review of research.

LWN601 Professional Project in Law

Pre-requisites	LWN304. LWN304 can be studied in the same teaching period as LWN601-1
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 (Block), SEM-2 (Block) External - SEM-1, SEM-2

The ability to complete complex projects in a legal environment requires professionals who are able to look at scenarios and the challenges they present and analyse the legal implications for the community, industry or the workplace. This unit is the first component

of a two-component unit that will assist you to design a research strategy and conceptual framework for the capstone project to be completed in the final semester in LWN601-2 Professional Project in Law. You will consolidate the research and communication skills introduced in LWN304 Legal Research Methodologies and developed throughout your course. You can work on the same research project you commenced in LWN304 or on a different one. You will be working towards a real world outcome such as a law reform submission, report to benefit government, industry or the community, or a scholarly paper that may be submitted as an article to a journal. While research projects are individual, you may also work collaboratively with your supervisor and other students and develop skills in peer review of research.

LWS008 Entertainment Law

Pre-requisites	LWS009 or BSB111 or LWB145 or LLB101
Anti-requisites	LWS011
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The entertainment industry involves a myriad of transactions and interactions that are governed by a wide range of laws. A basic understanding of the laws most commonly encountered in the entertainment industry should assist those involved in the industry to have a better understanding of the legal context in which they are operating. This in turn may assist them in avoiding problems, or to have a better appreciation of when they should seek professional legal assistance.

LWS009 Introduction to Law

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit is designed for students in disciplines other than law. It provides those students with a solid foundation in the Australian common law system, introducing students to the Australian legal environment and exposing those students to the legal framework in which industry operates. It will also address specific legal issues such as contract law, consumer law, torts and property law.

LWS011 Journalism Law

Anti-requisites	LWS008
Equivalents	KKB175, KKB275
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

It is important that all professionals have a sound working knowledge of the legal considerations that apply to their professional practice. This is especially true for journalists who provide information and commentary for the public good and in the public interest. As such, the study of law is important for you for two reasons. First, the important role journalists play in a democratic society means that journalists are endowed with a public responsibility to engage in sound legal and ethical in practice. Second, the public role journalists play in society means that there is a high level of scrutiny on their actions. Legal transgressions by journalists can prove costly and painful for journalists, their families, friends, colleagues and employers.

LWS012 Urban Development Law

Equivalents	UDB102
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides an overview of Australian law as it relates to the disciplines of Construction Management, Urban and Regional Planning and Property Economics. In particular, the unit will introduce students to the Australian legal system with a particular focus on contracts, consumer law, the law of torts, business entities, and property law. This unit will provide the foundation for the study of contracts, planning, management and property transactions in the Urban Development courses.

LWS075 International Business and Law

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1 (Block), SEM-

2 (Block)
External
- SEM-1, SEM-2

This unit deals with the legal problems arising from the formation and operation of international, commercial transactions. Understanding the law and practice regarding international commercial transactions is a prerequisite for the development of trade with Australian businesses.

LWS101 Ethics Law and Health Care

Equivalents	LWD101
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

Nursing practice involves making decisions for, and with, others. An important requirement of such decisions is that they are consistent with nurses' public and professional responsibilities and that they serve to promote the needs of patient/clients. In short, nursing practice is guided by normative requirements. The basic requirements and considerations are established by law, ethics and professional values. The unit explores the relationship between law and ethics to lay the foundations of understanding of both law and ethics as they relate to healthcare and to your professional practice.

MAB141 Mathematics and Statistics for Medical Science

Anti-requisites	MAN101, MAB101
Equivalents	MAB140
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides you with the essential grounding in mathematical and statistical concepts, methods and analysis of data used in units you will encounter later in your course, and relevant to medical science laboratory data and situations in pharmacy, vision science, biomedical science and medical science.

MAN700 Project

Other requisites	Unit coordinator approval is required to enrol
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Assumed Knowledge	null
Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

This unit aims to provide a framework for you to apply the mathematically-founded analytical methods and quantitative techniques learned in other units in the course to real world problems relevant to you. You will gain expertise in problem formulation, problem solving and communication, involving mathematical techniques. Permission to enrol in this unit must be obtained from the Course Coordinator.

MAN717 Minor Project

Other requisites	Unit coordinator approval is required to enrol
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

Research in the Mathematical and Statistical Sciences can be intellectually challenging and rewarding and generally requires a knowledge base and a range of generic capabilities to be developed to a level that is not normally achieved in a bachelor degree of three years duration. This unit offers you the opportunity to acquire this knowledge and these capabilities. By undertaking a minor research project in a field which is of interest to you, undertaking advanced level coursework in a discipline related to your area of Mathematical interest, or both. Permission to enrol in this unit must be obtained from the Course Coordinator.

MGB200 Managing People

Pre-requisites	BSB115
Equivalents	MGX200
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

Understanding how people behave in the workplace is a key element for organisational effectiveness. This unit introduces you to a range of perspectives in understanding human behaviour and its

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context within organisations. The unit focuses on understanding individual differences as the basis for managing self, others and change in the workplace by applying organisational behaviour theories.

MGB201 Contemporary Employment Relations

Pre-requisites	BSB115
Equivalents	MGX201
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit will develop your skills in understanding the effects of both domestic and international legal environments relating to employment relationships. This is important for developing practical, workable business strategies and HRM interventions.

MGB207 Human Resource Issues and Strategy

Pre-requisites	BSB115
Equivalents	MGX207
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit provides a broad overview of the role and functions of human resource management (HRM) and explores the contribution of HRM to business performance and quality of work life. This unit gives you a foundation for professional practice in HRM and a practical introduction to the ways that organisations go about aligning the contributions of their people with business goals.

MGB210 Managing Operations

Pre-requisites	BSB115
Equivalents	MGX210
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit extends general management approaches to the production operations subsystems of service and manufacturing organisations. The unit focuses on the deployment of productive resources in

order to maximise the added value of services and products. Issues of quality and efficiency are considered analytically in terms of broader strategies and constraints. It considers the opportunities that new technology brings to operational strategies in both manufacturing and service. Project management principles are considered in relation to resource deployment and continuous improvement.

MGB220 Human Resource Decision Making

Pre-requisites	BSB123 or BSB122
Anti-requisites	AMB201
Equivalents	MGX220
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The unit will develop your knowledge and skills that are necessary for diagnosing problems at work, gathering data and information about these problems, and analysing the data and information to derive solutions and inform decision making.

MGB225 Intercultural Communication and Negotiation Skills

Pre-requisites	BSB115 or BSB119
Equivalents	MGX225
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

The course develops students' abilities to identify and resolve problems in cross-cultural communication or negotiation situations where cultural differences have created misunderstandings or undesirable or unexpected outcomes. It first explores the concept of 'national culture' by considering the work of major theorists of cultural value dimensions. Students are encouraged to analyse communication/negotiation process issues in terms of these value dimensions and to practise managing the process of communication/negotiation to improve their outcomes.

MGB226 Innovation, Knowledge and Creativity

Pre-requisites	BSB115 or Completion of 96 credit points of study
Anti-requisites	MGB355
Equivalents	MGX226
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit focuses on managing innovation, knowledge and creativity within organisations and how to build innovative capabilities. It explores the links between innovation, knowledge and creativity and addresses challenges and opportunities related to managing innovation. Students study strategies and approaches used in public and private organisations for fostering innovation and creativity. The unit develops critical thinking skills and provides opportunities for students to advance their innovation capacities.

MGB227 Entrepreneurship

Pre-requisites	BSB115 or Completion of 96 credit points of study
Anti-requisites	MGB223
Equivalents	MGX227
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Entrepreneurial capability is rapidly becoming an expectation for university graduates, with students bringing their own unique skills and perspectives to new opportunities. This unit is designed to provide an authentic mix of thinking, acting and reflecting through which students can be entrepreneurial. Upon completion of this unit, students will have developed a sound understanding of key theories of entrepreneurship and an appreciation of their ability to use such theories in the pursuit of value creation.

MGB305 HRM Strategy and Policy

Pre-requisites	MGB314
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This is the capstone of the HRM extended

major. The primary objective is to integrate HR concepts and issues into the wider business and environmental context; a range of historical features, professional and ethical matters are considered.

MGB306 Independent Study

Other requisites	Subject to Unit Coordinator Approval. Students must complete at least 96 credit points of approved study to be considered for enrolment in this unit.
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit provides an opportunity for Management and Human Resource Management students to explore in depth a business management or human resource management issue of personal interest and current relevance to the business world. Either individually or in small groups, you will undertake one or several learning activities with the approval of the unit coordinator. Appropriate activities may include an extended review and examination of recent research findings about the chosen issue, preparation of a framework for action and improvements to business practice, a practical project and report, a practicum (work placement) and report, participation in an existing QUT or School of Management project (when available), or an alternative deemed acceptable by the unit coordinator and supervisor. In sum, the unit enables you to demonstrate ability to direct your own learning, a key capability for professionals who must maintain up-to-date expertise.

MGB309 Managing Strategically

Pre-requisites	Completed 192cp of which 48cp are management major units
Equivalents	MGX309
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Managing strategically is critical to an organisation's success. You need to be able to connect your prior knowledge about different aspects of an organisation,

such as human resources, finance, marketing, and product development, to strategy. You will gain experience in making strategic recommendations based on the interaction with a "Real Business".. Your understanding of the actions and moves managers make to create authentic and sustainable value is the heart and soul of strategy.

MGB310 Managing Sustainable Change

Pre-requisites	MGB200
Equivalents	MGX310
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Organisations must be able to change, innovate and adapt to meet the challenges of the 21st Century. Principle among these are changing expectations around sustainability and social responsibility. This unit emphasizes the competencies, knowledge, tools and strategies required to successfully and sustainably manage this change and meet shifting legal and social expectations. It also provides students with a broad understanding of current sustainability issues as they relate to managerial decisions in all aspects of organisational activities.

MGB314 Organisational Consulting and Change

Pre-requisites	MGB200
Equivalents	MGX314
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Managing change is a fundamental skill required by prospective managers and professionals. This unit provides opportunities for students to develop a theory in practice orientation towards consulting to individuals, groups, and organisations. Hence content theory and process theory is addressed. The focus of this unit is on human process issues and change. The unit examines a range of human process interventions designed to improve organisational effectiveness. Attention is also given to change strategies that are socially and culturally inclusive. Graduates of this unit should be able to be productive members of organisational change teams.

MGB320 Recruitment and Selection

Pre-requisites	MGB339
Equivalents	MGX320
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit examines the most effective techniques for recruiting and selecting the best people for organisations, in the context of current pressures on attracting and keeping skilled, talented people in the workforce. Commonly used recruitment and selection techniques are covered, emphasising the validity and reliability of each technique, to enable the best strategies to be developed.

MGB324 Managing Business Growth

Pre-requisites	MGB223 or MGB227
Equivalents	MGX324
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit is designed to provide skills in the analysis, solutions and implementation of the general management issues that business owners have to manage in their growing operations. The unit brings together the different functional aspects of managing growing business ventures and how they are best managed from the owner's (general manager's) point of view. It also provides opportunity to bring students into contact with real world business owners and their venture management issues.

MGB331 Learning and Development in Organisations

Pre-requisites	MGB200
Equivalents	MGX331
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit is designed to equip you with the skills and knowledge to meet strategic organisational human resource development requirements. The unit

explores learning and development concepts and approaches and the role of learning and development as a strategic partner to management. You will learn how to design, implement and evaluate systems for learning in organisations as part of a strategic approach to human resource development.

MGB335 Managing Projects

Pre-requisites	MGB210
Anti-requisites	KXB202
Equivalents	MGX335
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit develops knowledge in the areas relating to effective management of projects (as distinct processes). This knowledge is gained by focusing on the central issues of project selection, planning, implementation, control and evaluation. Case study projects are used throughout the unit and are mainly from the services industry sector. The unit seeks to develop the technical skills (tools and techniques) as well as the people (behavioural) skills needed for effective management of projects.

MGB338 Workplace Learning

Pre-requisites	192 Credit Points of completed study
Other requisites	An application, interview and approval by the unit coordinator, completion of 192 credit points of study and a GPA of 4.0 or higher.
Assumed Knowledge	null
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit entails a structured program of workplace learning in which you are exposed to a variety of organisational issues. For the duration of your placement, you will work on a specific HRM or Management project of relevance to the host organisation. Building upon knowledge acquired in the relevant major, students' exposure to HRM/Management in an actual organisational setting will enhance understanding of the links between theory and practice and develop skills and abilities through a professional learning

experience.

MGB339 Performance and Reward

Pre-requisites	MGB201 or MGB207
Equivalents	MGB221, MGX339
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit will provide you with the basic competencies expected of HR practitioners in managing performance and reward/compensation systems, which are among the most important strategies used by organisations to support competitive advantage. Performance and Reward Management is a key functional area of HRM and it is imperative that you understand the strategic framework within which these decisions are made.

MGB340 International Business in the Asia-Pacific

Pre-requisites	MGB225
Equivalents	MGX340
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Australia is situated in the fastest growing region in the world - the Pan-Pacific rim. The aim of this unit is to meet the needs of future business professionals working internationally and particularly within the Pan-Pacific region, to understand the nature of this region's business environment.

MGB341 Managing Risk

Pre-requisites	MGB200 or MGB226
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Identifying, analysing, treating and learning from disturbances that can harm an organisation are valuable skills for managers who make decisions that influence employee behaviours, organisational performance, and the long-term sustainability and growth of their organisation. By developing a

practical understanding of contemporary risk management models, this unit aims to develop students' competencies in applying current risk management models to improve decision making in managing risk. Students will explore real world cases that showcase a range of approaches to managing risk, with an emphasis on developing consistently reliable outcomes for organisations, even under extreme operating conditions, uncertainty, and crisis. Assessment tasks require students to apply international (ISO:31000) and national (AS/NZS:5050) risk standards to real world cases, and develop risk communication strategies that are consistent with current industry and government risk management practices. Students are given the opportunity to gain insight from practitioners through in-class discussions and crisis simulations facilitated by industry guest speakers.

MGB370 Personal and Professional Development

Pre-requisites	MGB331
Equivalents	MGX370
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit develops personal, interpersonal and team skills that distinguish outstanding human resource, management and other professionals. Recent literature has identified the need for professionals to acquire knowledge in the areas of self management and the management of others to contribute to organisational performance. To achieve this, Personal and Professional Development is positioned at the conclusion of the course to build upon concepts learned in introductory and intermediate units with a strong focus on the application of theory to practice.

MGN409 Management Theory and Practice

Anti-requisites	GSN401 and GSZ401
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit examines the following: the

functions and roles of managers; concepts and principles and their practical applications; the key management functions; areas of planning, organising, staffing, directing and controlling; production/operations management and the management of quality; entrepreneurship and business planning; and important problems, opportunities and trends facing managers in Australia analysed from the viewpoint of relevant academic disciplines.

MGN410 Employment Relations

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit looks at the following: employment relations; employee and union action; the role of governments and industrial tribunals; alternative methods and pressures to change traditional Australian systems; the Australian system of labour management relations; systems of regulation in the employment area; negotiating skills; and the resources required for mobilising change in this area.

MGN412 Organisational Behaviour

Anti-requisites	GSN409, GSN419 and GSZ409
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This subject aims to provide a broad understanding of organisational behaviour as a base for future study and practice of management. It moves from a micro-perspective on individual behaviour through the interface between the individual and the organisation to overall characteristics of organisations which shape the behaviour of their members. The aim is to provide an understanding of why employees feel and act the way they do in organisations and considers methods for enhancing positive employee attitudes and behaviours and organisational effectiveness. The emphasis is on understanding basic assumptions and models, major theoretical issues, methods of measurement and practical implications.

MGN421 Strategic HRM

Pre-requisites	MGN506 and 84cp of other MGN units
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

HRM is concerned with the relationship between people management strategies and organisational goals and objectives. This capstone unit provides HRM students with the opportunity to apply their learning to this relationship in a systematic way. It requires them to produce high quality HRM advice that provides direction for practicing line managers consistent with organisational goals and objectives. The learning strategies in the unit challenge students to identify contemporary issues of organisation and management and to interpret these using the paradigms of HRM.

MGN423 Contemporary Strategic Analysis

Anti-requisites	BSN407 and MGN504
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit focuses upon developing managers' understanding of the strategy concept and placing the fundamental elements of strategy in a framework for use in the decision making process. Taking the perspective that many managers make decisions that can have strategic implications, the emphasis is upon studying those issues that can affect the strategic positioning of the organisation. This involves creating an understanding of the universal building blocks of competitive advantage at the business, corporate and international levels. By understanding the nature and determinants of competitive and comparative advantages, students will be well positioned to take a more strategic perspective in their organisational activities.

MGN428 Creating New Ventures

Anti-requisites	GSN410, GSZ410, MGN534
Credit Points	12

Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

Creating New Ventures is designed to introduce postgraduate students to the field of entrepreneurship and the development of new business. Students will acquire an integrated understanding of the dimensions of business for the purposes of opportunity recognition and viability screening to promote sustainable competitive advantage, and develop a sound business model for a new enterprise.

MGN431 Strategic Human Resource Development

Pre-requisites	MGN440
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Strategic HRD provides a theoretical and practical framework for planning and implementing HRD within today's organisations. It examines the critical theoretical approaches underpinning learning and skills development and relates these in a practical way to the HRD challenges faced by organisations. This unit also provides exposure to contemporary international HRD ideas and practices to develop an understanding of the contribution of HRD to the broader economic context.

MGN432 Contemporary Entrepreneurship

Pre-requisites	MGN428
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Contemporary Entrepreneurship is a unit designed to equip students with the skills and techniques for building new ventures - both independently as entrepreneurs and within existing companies as intrapreneurs. Over the course of the semester, students will identify, evaluate, and refine real-world business opportunities and design new ventures around these business opportunities. Students will learn and apply various techniques including for opportunity identification and validation, market

research, value proposition design, business model development, investor pitching and overcoming resource constraints. At the end of the unit, students will understand the viability of their identified business opportunities and have developed plans for seizing them.

MGN433 Managing High-Performance Organisations

Pre-requisites	MGN409
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Managing High-Performance Organisations focuses on the integration and synthesis of the knowledge, skills and understanding students have gained across their programme of study. The unit is designed to integrate the discipline-based learning and skills from Management, from HR Management, and from Organisational Behaviour, to address the needs of human capital and organisational capability in managing the high performance organisation. It also aims to develop student learning in advanced level business conceptual frameworks and high level impact of people management with business success and performance.

MGN440 HRM Theory and Practice

Anti-requisites	MGN427
Equivalents	MGX440
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit examines the interplay between human resource management policies and processes and their contribution to sustainable competitive advantage and organisational effectiveness. HRM is considered from stakeholder, strategic and functional perspectives and an open systems model is used to introduce key processes and practices. The unit fosters discipline knowledge, analytical and action taking competencies and prepares students for advanced study in the field.

MGN441 Leadership and Executive Coaching

Anti-requisites	GSN620, GSN621,
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	GSZ620, GSZ621
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

One-to-one executive coaching has emerged as a popular and powerful intervention for improving the performance and satisfaction of individual executives. More recently, its use has been expanded into a variety of related organisational interventions. Human resource professionals are often responsible for making decisions about how coaching is used in organisations, particularly in relation to leadership development. This unit will equip students with expertise in understanding how leadership and executive coaching intersect in organisations. It will cover the theoretical foundations and models of evidence-based executive coaching, give opportunities to acquire and practice foundational coaching skills, as well as provide feedback for self-development.

MGN442 Self Leadership

Anti-requisites	BSN201, GSN620, GSN621, GSZ620, GSZ621
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM-1

In the contemporary business environment professionals are empowered to manage their own growth and development in order to facilitate meaningfulness in organisational life. The unit on Self-leadership is an elective in the HRM major and is delivered predominately in an 'on-line' mode to enable an 'anytime' and 'anywhere' approach to your self-development work. This approach invites you to take the necessary time to reflect and develop greater insight into your own thinking and behaviour.

MGN443 Talent Management

Anti-requisites	MGN429
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Australia's growing skills shortage and the prospect of an ageing workforce threaten the sustainability, productivity and growth of many industry sectors. These

pressures have made talent management a strategic priority for many organisations. At its heart, talent management is simply a matter of anticipating the need for human capital and then developing a plan to meet it. However, the adaptive capacity of traditional workforce planning methods appears inadequate for today's uncertain business environment. This unit examines talent management as an alternative to traditional HR planning practices. It focuses on developing both a theoretical framework to guide talent management initiatives and applied skills (e.g. identification of critical roles, workforce analysis) required to develop a talent management plan.

MGN444 Business in Asia

Equivalents	MGX444
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The aim of this unit is to enable an intensive study of business and markets in Asia. The development of the major industries is examined, together with major intra-regional patterns of trade, commerce and finance. Significant economic, political and social factors determining developments are focused on, as well as regulatory restraints governing market access. Students are required to undertake a project that requires the application of knowledge of the region to a business issue.

MGN445 Business in Europe

Equivalents	MGX445
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit enables a more intensive study of business and markets in Europe. The development of the major industries will be examined, together with intra-regional patterns of trade, commerce and finance. A particular focus will be the development of a single European market and its international implications. Significant economic, political and social factors determining developments will be focussed upon, as well as regulatory restraints governing market access. The student will be required to undertake a project which requires the application of knowledge of the region to a business issue.

MGN446 Business in Australia

Equivalents	MGX446
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

This unit introduces international students to the business environment in Australia. Students examine the geographical, historical, socio-cultural, political, regulatory, demographic, economic, legal, locational and other factors that influence business and management practice in Australia in the current environment.

MGN447 Managing in a Globalised Economy

Equivalents	MGX447
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This core unit examines the forces of globalisation, the diversity of international environments and their impact on business functions at the operational level. It examines the processes and challenges of internationalising the business operation as firms strive to compete successfully in the global marketplaces. Areas of study include the growth of international business and globalisation, international business motives and forms, the nature and challenges of the diversity of environments, and managing and controlling business operations.

MGN448 Negotiating Across Borders

Anti-requisites	GSN462
Equivalents	MGX448
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit develops students' skills in negotiating intra- and inter-culturally. It provides students with a tool-box of negotiation skills and then explores the relationship between cultural value dimensions and negotiating behaviours. Students practise their negotiating skills

with members of their own culture, in cross-cultural dyads and in multi-cultural teams to build confidence and capability in negotiating and influencing.

MGN505 Consulting and Change Management

Equivalents	MGZ505
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit considers the origins, nature and effect of social change on individuals, organisations and communities. Theories and models of change are used to explore planned and unplanned changes currently occurring, particularly as these relate to possible futures. Emphasis is on the strategies and skills required to initiate and participate in effective change management.

MGN506 Contemporary Issues in Human Resource Management

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The main objectives of this unit are to identify, analyse and report on contemporary issues in HRM and to research information relevant to identified topics. The content may vary according to which issues are current or predictably important in the future. Special expertise of staff, visiting scholars or distinguished HRM professionals may be utilised.

MGN509 HRM Project 1

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides the opportunity for students to undertake an approved project to develop and enhance learning associated with the coursework elements of human resource management.

MGN510 HRM Project 2

Credit Points	12
Campus	Gardens Point

Availabilities

Gardens Point
- SEM-2

This unit provides the opportunity for students to undertake an approved project to develop and enhance learning associated with the coursework elements of human resource management.

MGX200 Managing People (Outbound Exchange)

Pre-requisites	BSB115 or CTB115
Anti-requisites	MGB211, CTB211, MGB222, CTB232
Equivalents	MGB200
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX201 Contemporary Employment Relations (Outbound Exchange)

Equivalents	MGB201
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX207 Human Resource Issues and Strategy (Outbound Exchange)

Equivalents	MGB207
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX210 Managing Operations (Outbound Exchange)

Equivalents	MGB210
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

Units

MGX220 Human Resource Decision Making (Outbound Exchange)

Equivalents	MGB220
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX225 Intercultural Communication and Negotiation Skills (Outbound Exchange)

Equivalents	MGB225
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX226 Innovation, Knowledge and Creativity (Outbound Exchange)

Pre-requisites	BSB115 or Completion of 96 credit points of study
Anti-requisites	MGB355
Equivalents	MGB226
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX227 Entrepreneurship (Outbound Exchange)

Pre-requisites	BSB115 or Completion of 96 credit points of study
Anti-requisites	MGB223
Equivalents	MGB227
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX309 Strategic Management (Outbound Exchange)

Equivalents	MGB309
Credit Points	12

Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX310 Sustainability in a Changing Environment (Outbound Exchange)

Equivalents	MGB310
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX314 Organisational Consulting and Change (Outbound Exchange)

Pre-requisites	
Equivalents	
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX320 Recruitment and Selection (Outbound Exchange)

Equivalents	MGB320
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX324 Managing Business Growth (Outbound Exchange)

Equivalents	MGB324
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX331 Learning and Development in Organisations (Outbound Exchange)

Equivalents	MGB331
Credit Points	12

Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX335 Project Management (Outbound Exchange)

Pre-requisites	(MGB210 and MGB309) or (MGB210 and AMB303)
Anti-requisites	KXB202
Equivalents	MGB335
Credit Points	12
Campus	External
Availabilities	External - XCH-2

MGX339 Performance and Reward (Outbound Exchange)

Equivalents	MGB339
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX340 International Business in the Asia-Pacific (Outbound Exchange)

Equivalents	MGB340
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX341 Operational Risk Management (Outbound Exchange)

Pre-requisites	MGB309
Anti-requisites	IBB306
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX370 Personal and Professional Development (Outbound Exchange)

Equivalents	MGB370
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX440 HRM Theory and Practice (Outbound Exchange)

Anti-requisites	MGN427
Equivalents	MGN440
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX444 Business in Asia (Outbound Exchange)

Equivalents	MGN444
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX445 Business in Europe (Outbound Exchange)

Equivalents	MGN445
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX446 Business in Australia (Outbound Exchange)

Equivalents	MGN446
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX447 Managing in a Globalised Economy (Outbound Exchange)

Equivalents	MGN447
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGX448 Negotiating Across Borders (Outbound Exchange)

Equivalents	MGN448
Credit Points	12
Campus	EXCHANGE and External
Availabilities	External - XCH-1, XCH-2

MGZ505 Consulting and Change Management

Equivalents	MGN505
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2 (Block)

This unit considers the origins, nature and effect of social change on individuals, organisations and communities. Theories and models of change are used to explore planned and unplanned changes currently occurring, particularly as these relate to possible futures. Emphasis is on the strategies and skills required to initiate and participate in effective change management.

MXB100 Introductory Calculus and Algebra

Anti-requisites	MAB125,MZB125
Equivalents	MAB100,MAB120,MAB180
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit extends high school calculus as well as introducing concepts and skills in matrices, vectors and complex numbers. This unit addresses the need of some students for additional preparation in their transition from high school to university,

particularly those who have not studied Queensland Senior Mathematics C or equivalent. Students completing the Bachelor of Mathematics may choose to study this unit as an "Option unit" only.

MXB101 Probability and Stochastic Modelling 1

Equivalents	MAB210
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides you with an introduction to probability and shows you how to apply its concepts to solve practical problems. The unit will lay the foundations for further studies in statistics, operations research and other areas of mathematics and help you to develop your problem-solving and modelling skills. The topics covered include: basic probability rules, conditional probability and independence, discrete and continuous random variables, bivariate distributions, central limit theorem, goodness-of-fit tests, introduction to Markov chains.

MXB102 Abstract Mathematical Reasoning

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit establishes the foundations of abstract mathematical reasoning. It introduces the view of mathematics as axiomatic and emphasizes the role of proof in mathematics. The unit explains foundational tools such as logic and sets to develop number systems, elementary number theory, and algebra. The importance of these techniques is demonstrated with applications in algorithmic analysis and public key cryptography. The tools established in this unit will serve as a foundation throughout your mathematics studies.

MXB103 Introductory Computational Mathematics

Equivalents	MAB220
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit develops your knowledge, skills and application of computational methods and techniques for solving real world problems using computers. The unit focuses on both theoretical development of computational methods and their practical implementation using the world-leading computational software MATLAB. The fundamental skills you acquire will be essential throughout your degree. More advanced study in this area is provided in the Applied and Computational Mathematics major.

MXB105 Calculus of One and Two Variables

Equivalents	MAB111, MAB121, MAB131, MAB182
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces you to university level single variable calculus and simple multivariable calculus, building on prior assumed knowledge equivalent to high school differential and integral calculus. Topics include continuity and differentiability of functions, differential calculus (single and multi variable), Taylor series, integral calculus (single and multi variable). Multivariable and vector-valued functions are introduced and explored and natural extensions of the concepts of differentiation and integration to such functions are developed and investigated. This unit builds fundamental skills for you to transition to second year units and the majors, including applications of interest in each Major area of study.

MXB106 Linear Algebra and Differential Equations

Anti-requisites	PVB202
Equivalents	MAB112, MAB122, MAB132
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces you to university level linear algebra and ordinary differential equations. Linear algebra, assumed knowledge for this unit, is extended with you investigating non-square linear systems of equations and the Eigenvalue problem. Differential equations, also assumed knowledge for the unit, are

investigated in more detail including exposure to second order equations. This unit builds fundamental skills for you to transition to second year units and the Majors of the Bachelor of Mathematics, including applications of interest in each major area of study.

MXB107 Introduction to Statistical Modelling

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Describing and understanding relationships in data is important in both scientific exploration and understanding. Building on methodology from prior studies in probability and stochastic modelling, this unit focuses on the statistical modelling of data with an emphasis on relationships and effects for purposes of statistical inference, prediction and validation. Attention is also given to the challenges that analysing real-world datasets pose with alternative statistical techniques which yield the valid inference. This unit provides an introduction to some of the advanced material covered in the latter parts of the Statistical Science major.

MXB161 Computational Explorations

Pre-requisites	MS01 or IX30 or SE20 or SE30 or SE40 or SE70 or 48 credit points of study in current course
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit provides you with a practical understanding of computer-based solutions to scientific problems from a wide range of interdisciplinary application areas. You will have the opportunity to develop computing and visualisation skills and apply these to solve real problems involving topics such as image and sound processing, fractals and random walk simulations. These skills are developed further in later semesters, where there are opportunities to study MXB262 (Visualising Data), MXB362 (Advanced Visualisation and Data Science), and MXB261 (Modelling and Simulation Science).

MXB201 Advanced Linear Algebra

Pre-requisites	MXB102 and MXB106
Equivalents	MAB312
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The main aim of this unit, which is intended for students majoring in mathematics and students in other courses who require the foundations of linear algebra, is to develop the theory of linear algebra and to provide you with the necessary skills to apply this theory in science, technology, engineering and mathematics. It seeks to foster an appreciation of the historical development and the value of the principles and methods presented. You will also be well prepared for later studies in computational mathematics.

MXB202 Advanced Calculus

Pre-requisites	MXB105 and MXB106
Equivalents	MAB311
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Studying this unit will allow you to develop further the ideas and techniques that were studied in first year calculus. Advanced calculus allows you to consider more realistic applied mathematics problems that are set in the context of our multivariable world. The unit prepares you for later studies in applied and computational mathematics such as partial differential equations, transport theory and fluid dynamics. This unit covers topics including multivariable functions and coordinate systems, vector-valued functions, differential and integral calculus of multivariable functions, and related applications.

MXB221 Ordinary Differential Equations

Pre-requisites	MXB105
Equivalents	MAB413
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point

- SEM-1

Differential Equations are essential tools for developing real world mathematical models. This unit extends the knowledge and skills related to differential equations that you have already acquired in introductory calculus, differential equations and linear algebra. You will develop the ability to model real world phenomena using ordinary differential equations. You will also acquire a wide range of methods and techniques for solving these equations, and interpreting the results. This unit also provides a framework for studying partial differential equations in later years.

MXB222 Computational Linear Algebra

Pre-requisites	MXB103 and MXB201
Equivalents	MAB420
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit combines and extends your knowledge and skills acquired in introductory computational mathematics and earlier studies in linear algebra. The focus is on deriving, solving and analysing structured linear systems of equations, such as those that arise from the discretisation of boundary value problems in one and two spatial dimensions. Algorithms and data structures that facilitate the efficient solution of such systems are developed and implemented in MATLAB. This unit develops your computational skills to the level required for the final semester capstone project.

MXB232 Introduction to Operations Research

Pre-requisites	MXB106
Equivalents	MAB315
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Operations research (OR) techniques are used in industries that apply scientific methods in decision making, especially for the allocation of limited resources. These industries need graduates who can apply techniques from mathematical modelling, statistical analysis, and mathematical optimization to decide how

to best solve a particular problem using appropriate computer software packages. Building on earlier studies in mathematical modelling, this unit develops a number of basic OR techniques to solve generic problems and studies the theoretical foundations of these techniques. You will learn to apply various OR methods, algorithms and techniques in the solution of practical, real-world problems. This unit leads to study of more advanced OR problem solving techniques in 3rd year. Topics covered include: The general nature of OR, fundamentals of linear programming, network analysis, project scheduling, transportation problems, transshipment problems and assignment problems.

MXB241 Probability and Stochastic Modelling 2

Pre-requisites	MXB101 and MXB105
Equivalents	MAB314
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

It is important to develop skills and knowledge in both statistics and mathematics. Building on the methodology and skills developed in previous studies in probability and stochastic modelling, this unit provides formal statistical tools such as stochastic process models and statistical methods for theoretical and applied development in a wide range of areas, from communication systems and networks to traffic to law to biology to financial analysis linking with other modern areas of mathematics. The skills developed in mathematical statistics will be integral in the understanding of material throughout the student's studies in statistics and mathematical modelling.

MXB242 Regression and Design

Pre-requisites	MXB107
Equivalents	MAB414
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit is intended for students who have completed foundation studies in statistics and who wish to develop further skills in applied information analysis. Its

exploration of regression, including consideration of covariates, model selection, sampling theory and experimental design will be of interest to students undertaking the mathematics course as well as students in other disciplines who need to quantitatively summarise and analyse data and/or collect data through controlled experiments. The focus is on the application of the theoretical building blocks that are constructed as part of the unit and this is enhanced by the introduction to and extensive use of mathematical and statistical software packages such as the R-package. The unit leads to further study for students who wish to obtain a strong background in applied information analysis.

MXB261 Modelling and Simulation Science

Equivalents	INB360, MAB480
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit aims to provide you with the knowledge to apply computational techniques used for simulations (and visualisation) in a selection of application areas where the scientific problems are characterised by widely varying scales, both in space and time. Through this study you will be able to demonstrate knowledge of the development and implementation of simulation algorithms. You can further develop your knowledge of visualisation through units MXB262 (Visualising Data) and MXB362 (Advanced Visualisation and Data Science), as well as extending your knowledge of computational science through the unit MXB361 (Aspects of Computational Science).

MXB262 Visualising Data

Pre-requisites	MXB161 or MXB261 or MZB126
Equivalents	MAB481
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces students to data visualisation concepts and techniques, along with practical experience in the use of modern day data visualisation software

tools to allow students to explore complex systems and dynamically visualise simulations. These skills can be developed further in a later semester through an advanced visualisation unit (MXB362 Advanced Visualisation and Data Science).

MXB321 Applied Transport Theory

Pre-requisites	MXB202 or MAB311
Co-requisites	MXB322
Equivalents	MAB521
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Applied Transport Theory is the study of the exchange of mass, momentum and energy in physical systems. An understanding of the equations that govern these transport phenomena is fundamental to understanding how the physical world behaves. This unit builds upon knowledge you will have developed in studies of advanced calculus. You will learn how to derive equations from fundamental conservation laws and develop an understanding of the commonality between the equations. Furthermore, in deriving analytical solution techniques for these equations you will develop further skills in calculus and differential equations. Completion of this unit will prepare you for the final semester capstone project.

MXB322 Partial Differential Equations

Pre-requisites	MXB221 or MAB413
Equivalents	MAB613
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Previously you have discovered the power of differential equations for modelling real world processes. In this unit you will extend your capabilities to problems that simultaneously exhibit both spatial and temporal variation. Such problems can be described by partial differential equations. You will learn a variety of analytical solution techniques for these equations, which bring together many of the skills you have learned in earlier study of advanced calculus and

ordinary differential equations. You will also learn the techniques of Fourier and complex analysis, which have applications far beyond the realm of differential equations.

MXB323 Dynamical Systems

Pre-requisites	MXB221 or MAB413
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

"Dynamical Systems" is a descriptive term used to represent the analysis of time varying systems. Such systems exhibit a variety of behaviours including exponential approaches to equilibrium states, periodic or oscillatory solutions, or unpredictable chaotic responses to simple inputs. The study of dynamical systems employs topological and function space concepts to provide the analytic structure to systems of nonlinear (and linear) ordinary differential equations, and as such forms the basis for the mathematical interpretation and understanding of numerous real world systems. This unit is an exploration of the more technical aspects of the theory of solutions to systems of ordinary differential equations and as such builds on your prior understanding of such equations while providing the support for the exploration of an exciting area of modern mathematics.

MXB324 Computational Fluid Dynamics

Pre-requisites	MXB222 or MAB420
Anti-requisites	EGB324
Equivalents	MAB522
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This capstone unit provides students with the opportunity to apply their knowledge and skills in applied and computational mathematics to simulate complex real-world problems. Students will be presented with several real-world case studies, which will involve model formulation, examining the impact of varying model parameters, and formulating and presenting recommendations for the best course of action to take based on model

predictions. Your previous learning in deriving and solving partial differential equations that describe transport phenomena will be extended to include numerical methods of solution. Combined with the computational expertise you have acquired over your degree, you will be able to formulate and solve these complex mathematical models using MATLAB.

MXB332 Optimisation Modelling

Pre-requisites	MXB232 or MAB315
Equivalents	MAB525
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Operations research techniques are used in numerous industries and are critical for decision making. These industries need graduates who can apply techniques of mathematical modelling, statistical analysis, mathematical optimization and simulation and can implement these techniques using appropriate computer software packages. This unit will build upon the content of MXB232 by introducing more advanced "intermediate" level operations research methods and techniques. The topics addressed in this subject are vital in this field and are critical for advanced applications and studies in this field. Topics covered include: model building in mathematical programming, modelling language - OPL, integer programming and branch-and-bound method, introduction to inventory theory, dynamic programming; and computer solutions of advanced linear programming problems and their analysis.

MXB334 Operations Research for Stochastic Processes

Pre-requisites	MXB332
Equivalents	MAB625
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit builds upon the content of MXB232 and introduces stochastic operations research techniques and other more advanced techniques. This unit will develop and manipulate mathematical and computer models of complex systems composed of people, machines,

money and their operating procedures. You will also look at the applications of operations research techniques to solve real-world problems using computer software packages. The topics addressed in this subject are vital in this field and are critical for advanced applications and post-graduate studies in this field. Topics covered include: decision analysis; queuing theory; simulation and real life case studies; implementation of heuristic techniques; meta-heuristics; recent developments in stochastics for operations research.

MXB335 Advanced Optimisation Modelling

Pre-requisites	MXB232
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Operations research techniques are used in numerous industries and are critical for solving the complex decision problems that companies face. This unit introduces both theoretical concepts and their applications to tackling practical problems. It will cover advanced operations research methods and techniques.

MXB341 Statistical Inference

Pre-requisites	MXB241 or MAB314
Equivalents	MAB524
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces advanced statistical inference techniques that are important tools in describing data and developing models. Indeed, such methods are essential when drawing conclusions from a data generation process that is subject to random variability. The theoretical and computational inferential methodology will be developed through software packages such as MATLAB and the R-package. This unit provides the statistical basis for the honours and postgraduate units in statistics.

MXB342 Statistical Techniques

Pre-requisites	(MXB101 or MAB210) and (MXB242 or
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	MAB414)
Equivalents	MAB533
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

In an information society there is an increasing range and variety of workplaces in which data and statistical analyses are important in enabling good management and decision-making. This unit will introduce a range of statistical techniques in usage in a variety of disciplines including how to plan experiments, how to model survival data and also how to manage large data sets. This will provide you with the skills to analyse data sets from a variety of areas in industry and government, such as health science and marketing research, and to also critically evaluate procedures, methods and inferences. You will be exposed to a range of computing packages such as MATLAB and the R-package.

MXB343 Modelling Dependent Data

Pre-requisites	(MXB242 or MAB414) and (MXB341 or MAB524)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

For data that arise in business, economics, engineering, agriculture and health it is often unreasonable to assume independence of values. Data collected in clusters, or spatially or through time or a combination of these often show strong dependence that cannot be ignored for efficient inference. The ability to understand, model and make inferences about such data is therefore of great practical importance. Further, such skills are integral in the precise prediction of future observations and in the understanding of causal relationships between variables. This unit extends methodology from earlier studies in statistics through building statistical models for dependent data for practical applications such as optimal forecasting, simulation, causality analysis and in understanding spatial and temporal trends and dependencies.

MXB344 Generalised Linear Models

Pre-requisites	MXB242 or MAB414
Equivalents	MAB624
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This capstone unit for the Statistical Sciences major provides methods for investigating relationships between variables that arise in data from a variety of areas including science, technology and commerce. You will partake in independent and guided learning exercises to tackle common challenges encountered in applied data analysis. The unit is designed such that it provides you with the opportunity to integrate knowledge and skills from their entire course in preparation for a career in statistics. There is also a focus on the clear communication and reporting of results and conclusions from statistical analyses. You will undertake this learning experience through the use of the SAS computing environment.

MXB361 Aspects of Computational Science

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit comprises a number of computational science modules from a variety of disciplines within the Science and Engineering Faculty. It allows students to develop computational techniques applied to a selection of application areas such as computational statistics, computational chemistry, computational physics, computational biology, environmental science and machine-learning. This unit further develops your skills in computational problem-solving, building on work that may have been previously undertaken in MXB161 "Computational Explorations", MXB261 "Modelling and Simulation Science", and MXB262 "Visualising Data".

MXB362 Advanced Visualisation and Data Science

Pre-requisites	MXB262 or MAB481
Equivalents	MAB681

Units

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit further develops the knowledge and skills in data visualisation that were developed in the unit MXB262 (Visualising Data). This unit focuses on the exploration of a range of advanced data visualisation techniques and tools through lectures and practicals. Students conduct a data visualisation case study that further develops practical knowledge and experience in visualisation.

MXB381 Research Project

Pre-requisites	MXB381-1, MXB381-1 can be studied in the same teaching period as MXB381-2
Equivalents	MAB687-2
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit provides you with an opportunity to undertake a research project under the supervision of either an academic staff member or an industry partner (or both). You will apply your mathematical and statistical training to contribute to the advancement of knowledge in a problem of contemporary and/or industrial interest. This unit provides an excellent preparation for, and introduction to, the type of research undertaken in Honours and Higher Degree Research studies.

MXB381 Research Project

Equivalents	MAB687-1
Other requisites	Unit coordinator approval and a minimum GPA of 5.5 in the Bachelor of Mathematics
Assumed Knowledge	Must complete both MXB381-1 and MXB381-2
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit provides you with an opportunity to undertake a research project under the supervision of either an academic staff member or an industry partner (or both). You will apply your mathematical and statistical training to contribute to the advancement of knowledge in a problem of contemporary and/or industrial interest. This unit provides an excellent

preparation for, and introduction to, the type of research undertaken in Honours and Higher Degree Research studies.

MZB101 Modelling with Introductory Calculus

Equivalents	MAB105
Credit Points	12
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - SEM-1 Kelvin Grove - SEM-1

This unit develops the learner's understanding of a range of foundational mathematical concepts related to number systems, algebra and calculus, including a range of additional function types. The development of these concepts is done in context through their application to a range of life-related problems, in particular the physical world. Throughout the unit, technology will play a prominent role in developing conceptual understanding and the solution of problems. The knowledge developed in this unit provides a foundation for the units MZB201 and MZB202.

MZB102 Trigonometry, Geometry and Space

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit develops the learner's understanding of space, geometry and trigonometry. The development of these concepts is done in context through their application to a range of life-related problems, in particular those from the physical world. Throughout the unit, technology will play a prominent role in developing conceptual understanding and the solution of problems. The knowledge developed in this unit will be further extended and applied in MZB202.

MZB125 Introductory Engineering Mathematics

Anti-requisites	EGD125, MXB100
Equivalents	MAB125, MAB100, MAB120
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point

	- SEM-1, SEM-2
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This unit introduces to you the foundational mathematical concepts of function, matrix and vector algebra, together with the operations of differentiation and integration. Through the exploration and solution of contextualised problems you will develop an understanding of these mathematical concepts as well as competency in appropriate solution methods.

MZB126 Engineering Computation

Pre-requisites	MZB125 or MXB161
Anti-requisites	EGD126
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The rational solution of real-world engineering problems often requires the combination of multiple skill sets across multiple disciplines. In this unit you will develop key skills in mathematics, statistics, modelling and programming that will equip you with a set of fundamental tools for problem solving in the engineering context.

MZB151 Mathematical Tools for Computing

Anti-requisites	MXB100, MZB101
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Many application areas within Computer Science use standard mathematical methods as tools for analysis and processing of information. This unit provides an introduction to some basic mathematical methods that will be useful to you in your further studies in Computer Science, including basic matrix and vector operations, introductory probability and statistics and basic concepts in differentiation and integration.

MZB201 Modelling with Statistics and Probability

Pre-requisites	MZB101
Credit Points	12
Campus	Gardens Point

Units

Availabilities	Gardens Point - SEM-2
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This unit develops the learner's understanding of a range of mathematical concepts related to probability and statistics. The development of these concepts is done in context through their application to a range of life-related problems. Throughout the unit, technology will play a prominent role in developing conceptual understanding and the solution of problems.

MZB202 Extending Mathematics to the Real World

Pre-requisites	MZB101
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit extends learner's understanding of mathematical concepts through their application to a range of more complex problems. Throughout the unit, technology will play a prominent role in developing conceptual understanding and the solution of problems.

NRN100 Readings in Natural Resource Sciences 1

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit includes a review of literature in an area of direct relevance to the research project. The review should be designed in conjunction with the supervisor and demonstrate a broad appreciation of the literature, a critical appraisal of research to date, and the relevance of the research project within the framework of current understanding. Reviews should normally be approximately 5000 words.

NRN101 Readings in Natural Resource Sciences 2

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This is a companion unit to NRN100 that

allows students to (a) prepare a review of a second area relevant to the research project or (b) consider a wider subject area in greater depth. If option (b) is chosen, a single review can qualify as total assessment for both NRN100 and NRN101. In this case, the review should be approximately 10,000 words and be a critical analysis of a substantial research area.

NRN102 Confirmation of Candidature Seminar

Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit includes a public seminar plus an extensive discussion period designed to provide positive feedback from staff and students on the proposed research project. The presentation should be designed in conjunction with the supervisor and include background to the project area, specific objectives of the proposed project, methodology to be followed and possible outcomes. The seminar should normally be presented after the project outline has been developed and before any significant amount of research has been undertaken.

NRN103 Final Seminar

Pre-requisites	NRN102
Credit Points	12
Campus	Gardens Point and External
Availabilities	Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit includes a public seminar plus an extensive discussion period designed to provide positive feedback from staff and students on the progress of the research project. The presentation should be designed in conjunction with the supervisor and include project objectives, progress to date, preliminary data and problems for discussion. The seminar should normally be presented within 12 months (full-time) or 24 months (part-time) of commencement of the postgraduate program.

NRN104 Advanced Topics in Natural Resource Sciences 1

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Students develop an advanced understanding of a topic in the natural resource sciences that is highly relevant to the general area of their proposed research project. The structure and content is variable and can be tailored to the specific requirement of each project and the background of the student. A formal outline of the unit including objectives, content and assessment relevant to the individual course of study will be developed by the supervisor and approved by the Head of School. Content may include active participation in tutorials, workshops, laboratory/field techniques and components of advanced level undergraduate units. If components of advanced level undergraduate units are included, they should not exceed 70% of the total assessment.

NRN105 Advanced Topics in Natural Resource Sciences 2

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Material presented in this unit must be distinct from that covered in NRN104. Students develop an advanced understanding of a topic in the natural resource sciences relevant to the area of their proposed research project. A formal outline of the unit outlining objectives, content and assessment relevant to the individual course of study will be developed by the supervisor and approved by the Head of School. Content may include active participation in tutorials, workshops and laboratory/field techniques and components of advanced level undergraduate units. If components of advanced level undergraduate units are included, they should not exceed 70% of the total assessment.

NSB010 Introduction to Clinical Practice

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit focuses on the knowledge, skills and attributes required to successfully complete on- and off-campus nursing practice. It will focus on conducting a comprehensive and systematic health assessment that is safe, effective and evidence-based, and underpinned by a clinical decision-making framework. It will develop knowledge and skills in a range of assessment techniques, including history taking and interviewing, observations, and physical examination, with particular reference to cultural safety. The Nursing and Midwifery Board of Australia (NMBA) Registered Nurse Standards for Practice that are emphasised in this unit are: thinks critically and analyses nursing practice (ST1); engages in therapeutic and professional relationships (ST2); maintains the capability for practice (ST3); develops a plan for nursing practice (ST5); evaluates outcomes to inform nursing practice (ST7). The National Safety and Quality Health Service Standards (NSQHS) addressed in this unit at an introductory level are: preventing and controlling healthcare associated infections (ST3); medication safety (ST4); patient identification and procedure matching (ST5); clinical handover (ST6); preventing and managing pressure injuries (ST8). preventing falls and harm from falls (ST10). This unit complements other units you will be studying and links directly to subsequent Integrated Nursing Practice unit

NSB016 Clinical Practice Capstone

Pre-requisites	(Completion of 168cp of Nursing Units (NS%) inc NSB015 and Completion of 48cp of Life Sc units (LS%) and Completion of LWS101) or (PYB304 for HL47 students)
Equivalent s	NSB335
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This is the final unit in the series of clinical practice units that provide you with the opportunity to consolidate the knowledge, skills and attributes required for safe, competent practice in the health workplace as a beginning level registered nurse. Learning outcomes of this unit build on previous clinical units and draw upon concepts, principles and theories

that have been developed through your studies in nursing and related sciences. This capstone unit informs your transition toward the registered nurse role.

NSB102 Professional Practice and Cultural Safety

Equivalents	NSB018
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit focuses on establishing foundational nursing knowledge relating to the professional, ethical, social, and cultural dimensions of nursing practice that are developed further throughout the course. The unit introduces the legislative, policy, and regulatory frameworks that underpin a career in the nursing profession. It develops knowledge, skills, and attributes that are required for professional practice as a registered nurse. The unit is underpinned by the model of cultural safety, which provides a framework for professional practice that will be used to demonstrate person-centred care, using the principles of partnership, power sharing, and protection. These concepts are integrated throughout the course and specifically developed in units that address health assessment, Aboriginal and Torres Strait Islander peoples' health, mental health, and integrated practice. These concepts are also considered in the final semester unit NSB305 Leading and Learning: Building professional practice, as students are preparing to enter the profession as registered nurses. The course themes emphasised in this unit are cultural safety and person-centred care.

NSB103 Health Assessment

Equivalents	NSD103
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit focuses on conducting a comprehensive and systematic health assessment that is safe, effective, evidence-based, and underpinned by a clinical decision-making framework. It develops knowledge and skills in a range of assessment techniques, including history taking and interviewing, observations, and physical examination. The unit is informed by the NMBA Registered Nurse Standards for Practice. It will include a nursing laboratory and

observational experience. The course themes emphasised in this unit are person-centred care, scientific foundations of practice, and evidence-based practice.

NSB104 Leading and Learning

Equivalents	NSD104
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit will focus on the registered nurse's role in applying the principles of leadership and management in healthcare environments. The role of the nurse leader in areas such as safety and quality in health care and person-centred care will be explored. The concept of learner-leaders as a leadership approach to support a culture of continuous improvement and lifelong learning will be introduced. Principles of professional practice will also be integrated into the unit to understand the regulatory, legislative, and political contexts that influence nurses' leadership roles. The course themes emphasised in this unit are evidence-based practice and global health.

NSB105 Wellness Across the Lifespan

Equivalents	NSD105
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit focuses on the importance of communication, person-centred care, and partnerships in nursing practice, using wellness across the lifespan as an organising principle. The impact of social determinants of health and the role of health promotion strategies will be explored. The importance of empathic communication skills in professional interactions is also a key focus. The course theme emphasised in this unit is person-centred care.

NSB131 Integrated Nursing Practice 1 Off Campus

Pre-requisites	NSB132. May be enrolled in the same teaching period as NSB131.
Equivalents	NSB012
Credit Points	12

Units

Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit focuses on the knowledge, skills and attributes required to successfully complete integrated on and off campus nursing practice units. The unit will incorporate beginning-level clinical decision making knowledge and clinical practice skills developed in NSB103 Health Assessment. The Nursing and Midwifery Board of Australia (NMBA) Registered Nurse Standards for Practice emphasised in this unit are: thinks critically and analyses nursing practice (ST1); engages in therapeutic and professional relationships (ST2); maintains the capability for practice (ST3); develops a plan for nursing practice (ST5); evaluates outcomes to inform nursing practice (ST7). The National Safety and Quality Health Service Standards (NSQHS) addressed in this unit at an introductory level are: preventing and controlling healthcare associated infections (ST3); medication safety (ST4); patient identification and procedure matching (ST5); clinical handover (ST6); preventing and managing pressure injuries (ST8); preventing falls and harm from falls (ST10). This unit complements other first year units and leads directly to subsequent Integrated Nursing Practice units. The course themes emphasised in this unit are evidence-based practice, scientific foundations of practice, global health; person centred care, health informatics and health technology, and interprofessional

NSB132 Integrated Nursing Practice 1 On Campus

Equivalents	NSB021
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit focuses on the knowledge, skills and attributes required to successfully complete integrated on- and off-campus nursing practice units. It will also build on earlier units, with particular reference to cultural safety and scientific foundations of practice. The Nursing and Midwifery Board of Australia (NMBA) Registered Nurse Standards for Practice emphasised in this unit are: thinks critically and analyses nursing practice (ST1); engages in therapeutic and professional relationships (ST2); maintains the capability for practice (ST3); develops a plan for nursing practice (ST5); evaluates outcomes to inform nursing practice

(ST7). The National Safety and Quality Health Service Standards (NSQHS) addressed in this unit at an introductory level are: preventing and controlling healthcare associated infections (ST3); medication safety (ST4); patient identification and procedure matching (ST5); clinical handover (ST6); preventing and managing pressure injuries (ST8); preventing falls and harm from falls (ST10). This unit complements other first year units and directly links to subsequent Integrated Nursing Practice units. The course themes emphasised in this unit are evidence-based practice, scientific foundations of practice, and person-centred care.

NSB202 Aboriginal and Torres Strait Islander Peoples' Well-being

Pre-requisites	NSB102
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit introduces students to Aboriginal peoples and Torres Strait Islander knowledges about health and wellness, highlighting the influence of historical and contemporary socio-political issues. To be effective health care professionals, students need knowledge, skills, and values that enable social inclusivity and the provision of person-centred, holistic care to Aboriginal and Torres Strait Islander clients. This unit builds on concepts introduced in NSB105 Wellness Across the Lifespan, and links to NSB303 Partnerships in Health and Illness. The course themes emphasised in this unit are cultural safety and person-centred care.

NSB203 Inquiry in Clinical Practice

Equivalents	NSB019 NSD203
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit explores inquiry in clinical practice by examining the role of research and the use of evidence in nursing practice. Skills in interpretation of evidence will be developed and an overview of various approaches to research will be examined to enable students to be effective consumers of research. The relationship between

research, evidence and safety and quality in health care will be explored. The course themes emphasised in this unit are global health, evidence-based practice and person-centred care.

NSB204 Mental Health: Self and others

Equivalents	NSB023
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit takes a biopsychosocial approach to understand what is happening for those experiencing mental health issues and how nurses as health professionals can support consumers, their families and carers. This unit will facilitate the development of required attitudes, knowledge and skills to deliver person-centred nursing care based on recovery and independence to promote positive messages in challenging stigma and discrimination. The course themes emphasised in this unit are evidence-based practice, cultural safety, and person-centred care.

NSB231 Integrated Nursing Practice 2 On Campus

Pre-requisites	NSB103 or NSD103 or Completion of 96cp. NSB103 may be enrolled in the same teaching period as NSB231.
Equivalent s	NSB022
Credit Points	12
Campus	Caboolture and Kelvin Grove
Availabilities	Caboolture - SEM-1 Kelvin Grove - SEM-1

This unit focuses on the knowledge, skills and attributes required to successfully complete integrated on and off campus nursing practice units. The Nursing and Midwifery Board of Australia (NMBA) Registered Nurse Standards for Practice emphasised in this unit are: thinks critically and analyses nursing practice (ST1); maintains the capability for practice (ST3); comprehensively conducts assessments (ST4); develops a plan for nursing practice (ST5); provides safe, appropriate and responsive quality nursing practice (ST6). The National Safety and Quality Health Service

Standards (NSQHS) addressed in this unit, at a developing level, are: medication safety (ST4); blood and blood products (ST7); and preventing and managing pressure injuries (ST8). This unit complements other second year units and directly links to subsequent Integrated Nursing Practice units. The course themes emphasised in this unit are: evidence-based practice; scientific foundations of practice, person centred care, and health technology and health informatics.

NSB232 Integrated Nursing Practice 2 Off Campus

Pre-requisites	(NSB131 or NSB010) and NSB231. NSB010 and NSB231 may be enrolled in the same teaching period as NSB232
Equivalent s	NSB013
Credit Points	12
Campus	Kelvin Grove and Caboolture
Availabiliti es	Kelvin Grove - SEM-1 Caboolture - SEM-1

This unit focuses on the knowledge, skills and attributes required to successfully complete integrated on- and off-campus nursing practice units. The Nursing and Midwifery Board of Australia (NMBA) Registered Nurse Standards for Practice emphasised in this unit are: thinks critically and analyses nursing practice (ST1); maintains the capability for practice (ST3); comprehensively conducts assessments (ST4); develops a plan for nursing practice (ST5); provides safe, appropriate and responsive quality nursing practice (ST6). The National Safety and Quality Health Service Standards (NSQHS) addressed in this unit, at a developing level, are: medication safety (ST4); blood and blood products (ST7) and preventing and managing pressure injuries (ST8). This unit complements other second year units and directly links to subsequent Integrated Nursing Practice units. The course themes emphasised in this unit are evidence-based practice, scientific foundations of practice, health informatics and health technology, global health, person centred care, and interprofessional collaboration.

NSB233 Integrated Nursing Practice 3 Off Campus

Pre-requisites	NSB232, NSB236 and NSB204. NSB236 and NSB204 may be enrolled in the same teaching period as NSB233.
Equivalent s	NSB014
Credit Points	12
Campus	Kelvin Grove and Caboolture
Availabiliti es	Kelvin Grove - SEM-2 Caboolture - SEM-2

This unit focuses on integrating the knowledge, skills and attributes required to successfully integrate complete on and off campus nursing practice units. The Nursing and Midwifery Board of Australia (NMBA) Registered Nurse Standards for Practice emphasised in this unit are: thinks critically and analyses nursing practice (ST1); comprehensively conducts assessments (ST4); develops a plan for nursing practice (ST5); provides safe, appropriate, and responsive quality nursing practice (ST6); and evaluates outcomes to inform nursing practice (ST7). The National Safety and Quality Health Service Standards (NSQHS) addressed in this unit at a developing level are: preventing and controlling healthcare associated infections; (ST3); medication safety (ST4); and preventing falls and harm from falls (ST10). This unit complements other second year units and directly links to subsequent Integrated Nursing Practice units. The course themes emphasised in this unit are evidence-based practice, scientific foundations of practice, person centred care, global health, and interprofessional collaboration.

NSB236 Integrated Nursing Practice 3 On Campus

Pre-requisites	NSB132 or NSB010 or NSB231
Equivalent s	NSB024
Credit Points	12
Campus	Caboolture and Kelvin Grove
Availabilities	Caboolture - SEM-2 Kelvin Grove - SEM-2

This unit focuses on the knowledge, skills and attributes required to successfully complete integrated on- and off-campus

integrated nursing practice. Beginning-level clinical knowledge and skills developed in NSB103 Health Assessment and NSB105 Wellness Across the Lifespan will be extended through the use of clinical practice sessions and clinical simulation activities. The Nursing and Midwifery Board of Australia (NMBA) Registered Nurse Standards for Practice emphasised in this unit are: thinks critically and analyses nursing practice (ST1); comprehensively conducts assessments (ST4); develops a plan for nursing practice (ST5); provides safe, appropriate and responsive quality nursing practice (ST6); evaluates outcomes to inform nursing practice (ST7). The National Safety and Quality Health Service Standards (NSQHS) addressed in this unit at a developing level are: preventing and controlling healthcare associated infections (ST3); and medication safety (ST4); and preventing falls and harm from falls (ST10). This unit complements other second year units and directly links to subsequent Integrated Nursing Practice units. The course themes emphasised in this unit are evidence-based practice, scientific foundations of practice, health technology and health informatics, and person-centred care.

NSB303 Partnerships in Health and Illness

Pre-requisites	Successful completion of 144cp in (NS42 or HL19) or successful completion of 288cp in (HL16 or HL17)
Credit Points	12
Campus	Caboolture and Kelvin Grove
Availabiliti es	Caboolture - SEM-1 Kelvin Grove - SEM-1

This unit focuses on the important role nurses have in promoting the health and wellbeing of individuals, families, and communities. With the rapidly changing health care environment, consumers, nurses, and other health care team members are required to be active partners in addressing health care needs across a range of healthcare settings. This unit builds on your knowledge of professional practice developed in previous units to focus on the nurses' role in health promotion and rehabilitation across various chronic and complex health conditions and health care contexts. Focusing on the National Health Priorities, this unit explores the

Units

application of population health concepts and develops skills in health education. The unit also focuses on the knowledge and skills required to manage and support integrated care, transitional care and discharge planning of people with chronic illnesses and with complex care requirements. The course themes emphasised in this unit are person-centred care and health technology and health informatics.

NSB305 Leading and Learning: Building Professional Capacity

Pre-requisites	Successful completion of 144cp in (NS42 or HL19) or successful completion of 288cp in (HL16 or HL17)
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit focuses on the nurse's role in applying the principles of leadership and management to nursing practice. The nurse leader's influence on safe nursing practice will be explored including facilitators and barriers to practice, regulatory, legislative, and political processes in reference to professional practice and consumer advocacy. The unit will emphasise nursing leadership and interprofessional collaboration in relation to developing and realising improvements in health outcomes. This unit facilitates graduating nurses successful transition into the role of a registered nurse capable of providing safe, quality, person-centred, and holistic nursing care. The course themes emphasised in this unit are evidence-based practice and global health.

NSB334 Integrated Nursing Practice 4

Pre-requisites	NSB204, NSB303, NSB233 and (CSB601 or LSB384). CSB601 and NSB303 can be enrolled in the same teaching period as NSB334.
Credit Points	24
Campus	Caboolture and Kelvin Grove
Availabilities	Caboolture - SEM-1 Kelvin Grove - SEM-1, SUM

This unit focuses on the knowledge, skills and attributes required to successfully

complete integrated off-campus nursing practice units. In preparation for the NSB335 Integrated Nursing Practice 5 capstone unit, clinical decision making and clinical practice skills are emphasised in this unit. All Nursing and Midwifery Board of Australia (NMBA) and National Safety and Quality Health Service (NSQHS) Standards are addressed in this unit as they apply to nursing practice. This unit complements your other third year units, working towards consolidating all learning to date. The course themes emphasised in this unit are evidence-based practice, scientific foundations of practice, person-centred care, global health, and health technology and health informatics.

NSB335 Integrated Nursing Practice 5

Pre-requisites	NSB334
Credit Points	24
Campus	Caboolture and Kelvin Grove
Availabilities	Caboolture - SEM-2 Kelvin Grove - SEM-1, SEM-2

This unit focuses on the knowledge, skills and attributes required to successfully complete off campus nursing practice units. Capstone-level student nurse clinical decision making and clinical practice skills are consolidated in this unit. All Nursing and Midwifery Board of Australia (NMBA) and National Safety and Quality Health Service (NSQHS) standards are further explored in this unit, as they apply to nursing practice. This unit complements other third year units and consolidates learning to date. The course themes emphasised in this unit are evidence-based practice, scientific foundations of practice, global health, person-centred care, cultural safety, health technology and health informatics and interprofessional collaboration.

NSB412 Clinical Elective

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-1, SEM-1, SEM-2, SEM-2, SEM-2

This unit aims to enhance final year students' ability to practice competently in a range of clinical situations. Students are provided with the opportunity to consolidate and extend their knowledge and skills by undertaking a series of self-

directed, problem-based learning packages. The areas covered in the unit are advanced life support, respiratory therapies, health promotion, pain management, epidural analgesia and advanced wound care management. A variety of teaching-learning strategies will be used which include case scenarios, small group unilabs, computer-based and other related activities.

NSB600 Introduction to Nursing Children and Childbearing Families

Pre-requisites	Successful completion of 144cp including NSB131
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1 (Block)

This unit provides an overview of the theoretical concepts and clinical application principles for practice in the areas in providing nursing and midwifery care for children and childbearing families. The emphasis is upon the childbearing process and the developmental stages of childhood and family dynamics. This is viewed as a normal process of growth and development, which will be affected by social, economic, legal and cultural factors. The focus will be on the promotion and maintenance of health.

NSB603 Introduction to Cardiothoracic Nursing

Pre-requisites	Successful completion of 144cp including NSB232
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Cardiovascular disorders are commonly encountered by nurses practicing a variety of clinical settings. This unit provides an overview of cardiothoracic nursing and encompasses theoretical concepts specific to this specialty as well as related clinical skills. It builds on introductory concepts that have been addressed earlier in the program through more detailed exploration of and reflection upon selected concepts.

NSB606 Palliative Care Nursing

Pre-requisites	Successful completion of 144cp
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Units

	including NSB131
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The health and support needs of individuals who are dying are diverse and often change over time. To respond effectively to these needs, nurses require knowledge and skills to provide a palliative approach to care. In this unit, you will extend your knowledge of the needs of individuals diagnosed with various life-limiting illnesses. The unit will enable you to develop further your understanding of the core components of a palliative approach to care for these individuals. This unit will extend the understandings that you have developed in other theoretical studies and experiences in clinical practice.

NSB608 Wound Care in Practice

Pre-requisites	Successful completion of 144cp including NSB131
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Information not yet available

NSD103 Health Assessment

Equivalents	NSB103
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

This unit focuses on conducting a comprehensive and systematic health assessment that is safe, effective, evidence-based, and underpinned by a clinical decision-making framework. It develops knowledge and skills in a range of assessment techniques, including history taking and interviewing, observations, and physical examination. The unit is informed by the NMBA Registered Nurse Standards for Practice. It will include a nursing laboratory and observational experience.

NSD104 Leading and Learning

Equivalents	NSB104
Credit Points	12
Campus	Kelvin Grove

Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3
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This unit will focus on applying the principles of leadership and management in healthcare environments. The role of the nurse leader in areas such as safety and quality in health care and person-centred care will be explored. The concept of learner-leaders as a leadership approach to support a culture of continuous improvement and lifelong learning will be introduced. Principles of professional practice will also be integrated into the unit to understand the regulatory, legislative, and political contexts that influence nurses' leadership roles.

NSD105 Wellness Across the Lifespan

Equivalents	NSB105
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

This unit focuses on the importance of communication, person-centred care, and partnerships in nursing practice, using wellness across the lifespan as an organising principle. The impact of social determinants of health and the role of health promotion strategies will be explored. The importance of empathic communication skills in professional interactions is also a key focus.

NSD203 Inquiry in Clinical Practice

Equivalents	NSB203
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

This unit explores inquiry in clinical practice by examining the role of research and the use of evidence in health professional practice. Skills in interpretation of evidence will be developed and an overview of various approaches to research will be examined to enable students to be effective consumers of research. This relationship between research, evidence and safety and quality in health care will be explored.

NSN001 Contemporary Issues in Nursing Children and Families

Equivalents	NSN006
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit provides an opportunity for students to develop specialist knowledge and skills in child and family health nursing by exploring and addressing an issue relevant to their area of practice. Students will examine a topic of choice, addressing an education or knowledge gap through utilising a project process and high quality literature to develop a resource.

NSN007 Contemporary Issues in Chronic Care Nursing

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit develops specialist knowledge of chronic disease prevention and management across the lifespan to enable you to apply this knowledge into practice. It prepares you to deliver person-centred nursing care to people with chronic conditions.

NSN008 Specialist Chronic Care Nursing Practice

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit develops your knowledge of chronic disease comorbidity and its impact on individuals, families and communities. The unit focuses on applying this knowledge into specialised nursing practice. It complements the learning in NSN007 Contemporary Issues in Chronic Care Nursing.

NSN009 Specialist Nursing Practice for Children and Families

Anti-requisites	NSN004, NSN005
Credit Points	12
Campus	External
Availabilities	External - SEM-2

The focus of this unit is practical application of specialist knowledge and evidence in varied paediatric settings (acute paediatrics or community child health). It complements the work undertaken in NSN001 and prepares you to deliver person-centred nursing care to children and families. Students will choose to undertake the unit in the acute paediatric stream or a community child health practice area.

NSN123 Contemporary Issues in Gastroenterology Nursing

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

The unit provides students with specialist knowledge of anatomy and physiology of the gastrointestinal system, and explores the impact of heredity and the immune system on disease processes. Application of specialist knowledge of occupational health and safety specifically related to the gastroenterology context are explored.

NSN124 Specialist Gastroenterology Nursing

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

Gastroenterology nursing is changing rapidly with the introduction of innovative diagnostics, technologies and treatments. This is reflected in the evolving nature and scope of nursing practice. This unit extends your knowledge and critical thinking skills in the specialist area of gastroenterology to enhance your delivery of evidence-based nursing care for patients in a variety of settings.

NSN125 Clinical Endoscopy Practicum 1

Credit Points	12
Campus	External
Availabilities	External - SEM-1

This unit connects structured and supervised clinical skills training and advanced theoretical knowledge to perform colonoscopy safely within a supported environment. Exposure and immersion for the acquisition of technical and psychomotor skills through supervised training in the field, scaffolds the student to achieve the expected standard of advanced beginner practice to perform safe colonoscopy procedures. Aligned capabilities of critical enquiry and application of evidence-based practice to synthesise advanced knowledge are extended when applied to gastrointestinal disease management. This unit builds on assumed knowledge gained from previous postgraduate studies in gastroenterology.

NSN430 The Science of Pharmacology

Pre-requisites	Admission into NS87
Credit Points	12
Campus	External
Availabilities	External - SEM-1

Depending on the context of specialty practice and the collaborative elements, nurse practitioners can prescribe, administer and evaluate the effects of medicines from a drug formulary based on a consumer health assessment and diagnosis. This unit will enable you to establish a framework of appropriately selected medicines for individual consumers using pharmacology and clinical therapeutics knowledge. It will provide you with the knowledge of clinical, organisational, professional and legislative requirements, pharmacotherapeutics and the principles of Quality Use of Medicines (QUM) to inform medicine decision-making.

NSN431 Transforming Service

Credit Points	12
Campus	External
Availabilities	External - SEM-1

This unit supports you to reconceptualise nurse practitioner (NP) services in the

context of the contemporary Australian health care environment. Nurse practitioners provide health care to populations across a broad range of social, demographic and health care contexts, including populations who are marginalised, underserved and socioeconomically disadvantaged. Nurse practitioner services help to meet healthcare reform goals by improving continuity of and access to care, prevention and early detection of disease, advanced nursing intervention, and interprofessional collaboration.

NSN432 Pharmacological and Non-pharmacological Therapeutics

Pre-requisites	NSN430
Credit Points	12
Campus	External
Availabilities	External - SEM-2

This unit will assist you to develop advanced knowledge and skills necessary to prescribe, administer and evaluate the advanced therapeutics relevant to your area of practice. A key focus is to enable you to prescribe medicines and provide therapeutic interventions judiciously, appropriately, safely and effectively in the Australian healthcare system. Activities are designed to support delivery of consumer care in a specialty area that conforms to regulatory requirements and that is ethical, culturally-sensitive, context-driven, evidence-based and responsive.

NSN433 The Science of Health Assessment

Pre-requisites	Admission into NS87
Credit Points	12
Campus	External
Availabilities	External - SEM-2

This unit builds on existing knowledge in advanced comprehensive consumer assessment. Anatomy, physiology and core body system assessment are a key focus in this unit. Theory and practice are integrated to enable in-depth knowledge and skill development in the scientific basis of health assessment to ensure quality ongoing consumer outcomes. Also this unit advocates a collaborative practice approach to comprehensive consumer assessment and to the formation and communication of effective clinical decisions.

NSN434 Evidence-based Practice and Research Design

Equivalents	NSN424
Credit Points	12
Campus	External
Availabilities	External - SEM-2

This unit provides students with the knowledge and skills to critically appraise the literature and identify gaps in knowledge and practice. This unit introduces the student to the processes to develop a research question, systematic search and different research methods available to help answer this question. Finally the student will be supported with the development of a research proposal.

NSN437 Integrated Professional Practice 2 (Specialty Context)

Pre-requisites	(NSN432 and NSN435 and NSN436) or NSN426
Credit Points	12
Campus	External
Availabilities	External - SEM-1

Drawing on previous learning you will demonstrate comprehensive consumer health assessment skills using diagnostics and informed clinical decision making capability. This unit provides supervised and supported professional practice experience to consolidate and apply coursework learning. The unit focuses on developing a capable nurse practitioner in a specialty area with an emphasis on consumers with complex and challenging health care needs. The unit includes a focus on eHealth and health informatics.

NSN438 Transition to Nurse Practitioner Practice

Pre-requisites	NSN431
Credit Points	12
Campus	External
Availabilities	External - SEM-1

This unit will extend your ability to analyse and respond to the key issues and challenges of ongoing service provision through collaboration with key stakeholders. A critical examination of a service area to formulate evidence-based recommendations for change and

improvement is required. The unit extends your leadership and management skills and provides an opportunity for you to practise conflict management and negotiate solutions for challenges in service provision.

NSN439 Integrated Professional Practice 3 (Clinical Mastery and Leadership)

Pre-requisites	NSN437
Credit Points	12
Campus	External
Availabilities	External - SEM-2

This unit extends previous learning to develop student's clinical capability and leadership in a specialty context. Progressively decreasing levels of clinical support is provided as you progress to mastery in assessing, prescribing and implementing therapeutic interventions for consumers. The significant benefits of maintaining ongoing professional development is also a key focus.

NSN508 Dissertation Preparation

Pre-requisites	(HLN710 or PUN105 or HLN405) and completion of 48cp in NSN% units. HLN710, PUN105 or HLN405 may be undertaken in the same teaching period as NSN508.
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2

This unit provides the opportunity for students to access and review a body of literature relevant to an area of individual interest in nursing. This will enable students to extend their knowledge and understanding of a topic which is not specifically addressed elsewhere in the course. In addition, students undertaking this unit will have the opportunity to develop advanced skills in information retrieval, critical analysis and writing for publication.

NSN719 Principles of Education for Health Professionals

Credit Points	12
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Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit introduces you to theories, principles and practices for understanding and enhancing learning and teaching in health care environments. It provides health professionals, engaged in teaching and learning, with an understanding of how learning occurs, what influences learning, and how to engage learners in healthcare settings. You will also engage with research and evidence-based practice to critically analyse healthcare environments and make informed decisions to support and create high quality learning environments characterised by effective and innovative practice.

NSN720 Curriculum Design for Health Professional Education

Equivalents	HLN720
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

Health professionals engage in the facilitation of learning in various contexts, including, professional staff development programs, work integrated learning support and ongoing targeted educational endeavours. This unit provides health professionals with the opportunity to develop and apply pedagogical knowledge and skills to assess, plan, develop and implement a curriculum plan. The focus will be on curriculum design and development and the interrelationship between intent, content, facilitation of learning and teaching, assessment and evaluation.

NSN721 Contemporary Issues in Emergency and Intensive Care Nursing

Credit Points	12
Campus	External
Availabilities	External - SEM-1

Registered nurses working in the critical care context require specialist knowledge, skills and capability to provide safe evidence-based care. Health care environments are dynamic and complex.

Units

Specialist emergency and intensive care nurses must adapt and make clinical decisions based on their scope and context of practice. This unit will develop your knowledge and skills to practice with individuals and families in specialist emergency or intensive care nursing settings and in the context of the transdisciplinary health care team.

NSN722 Specialist Intensive Care Nursing Practice

Credit Points	12
Campus	External
Availabilities	External - SEM-2

Registered nurses working in intensive care require specialised knowledge and skills to plan, provide and evaluate safe evidence-based nursing care. The complex and dynamic health care environment requires the specialist intensive care nurse to have the ability to respond, adapt, implement, evaluate and communicate decisions based on scope and context of practice for a range of critically ill individuals and their families.

NSN723 Specialist Emergency Nursing Practice

Credit Points	12
Campus	External
Availabilities	External - SEM-2

Registered nurses working in the emergency context require specialist knowledge, skills and capability to provide safe evidence-based care. The health care environment is dynamic and complex, specialist emergency nurses must have the ability to adapt and augment decisions based on scope of practice, and with a range of individuals experiencing varying illness trajectories.

NSN724 Contemporary Issues in Acute or Cancer Nursing

Credit Points	12
Campus	External
Availabilities	External - SEM-1

Registered nurses working in acute or cancer care contexts require specialised knowledge and technical skills to provide and evaluate evidence-based care. The complex and dynamic health care environment requires the specialist acute or cancer care nurse to have the ability to respond, adapt, implement, evaluate and communicate decisions based on scope

and context of practice for a range of complex health care problems in a range of health care settings for individuals and families.

NSN726 Specialist Acute and Cancer Nursing Practice

Credit Points	12
Campus	External
Availabilities	External - SEM-2

This unit will develop your theoretical knowledge and clinical skills to apply evidence-based practice principles in designated specialist health service contexts (acute or cancer nursing) to enable you to effectively prevent and manage common complex health care concerns experienced by individuals and their families across the lifespan.

NSN728 Health Care Context and Service Provision

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit will develop knowledge of the contemporary health care context and the issues impacting health professionals in the delivery of effective, sustainable nursing care. It will provide the opportunity to examine the impact that global and national issues and policies have on nursing service provision.

NSN730 Clinical Leadership in Specialist Nursing

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

Front line nurse leaders are clinicians who focus on the direct delivery of patient care, but also see continuous improvement in the way the organisation delivers care as their responsibility. This unit supports development of specialist clinical assessment and decision making skills to enhance direct patient care. Complimentary to this, is the development of approaches to enable the transformation of individuals, teams, practice and cultures to enhance the

effectiveness of practice. As an emerging nurse leader you will analyse opportunities for improving the quality and safety of clinical assessment in your specialty area and generate a plan for innovation and change.

NSZ125 Clinical Endoscopy Practicum 1

Equivalents	NSN125
Credit Points	12
Campus	External
Availabilities	External - SEM-1

This unit connects structured and supervised clinical skills training and advanced theoretical knowledge to perform colonoscopy safely within a supported environment. Exposure and immersion for the acquisition of technical and psychomotor skills through supervised training in the field, scaffolds the student to achieve the expected standard of advanced beginner practice to perform safe colonoscopy procedures. Aligned capabilities of critical enquiry and application of evidence-based practice to synthesise advanced knowledge are extended when applied to gastrointestinal disease management. This unit builds on assumed knowledge gained from previous postgraduate studies in gastroenterology.

NSZ430 The Science of Pharmacology

Equivalents	NSN430
Credit Points	12
Campus	External
Availabilities	External - SEM-1

Depending on the context of specialty practice and the collaborative elements, nurse practitioners can prescribe, administer and evaluate the effects of medicines from a drug formulary based on a consumer health assessment and diagnosis. This unit will enable you to establish a framework of appropriately selected medicines for individual consumers using pharmacology and clinical therapeutics knowledge. It will provide you with the knowledge of clinical, organisational, professional and legislative requirements, pharmacotherapeutics and the principles of Quality Use of Medicines (QUM) to inform medicine decision-making.

NSZ431 Transforming Service

Equivalents	NSN431
Credit Points	12
Campus	External
Availabilities	External - SEM-1

This unit supports you to reconceptualise nurse practitioner (NP) services in the context of the contemporary Australian health care environment. Nurse practitioners provide health care to populations across a broad range of social, demographic and health care contexts, including populations who are marginalised, underserved and socioeconomically disadvantaged. Nurse practitioner services help to meet healthcare reform goals by improving continuity of and access to care, prevention and early detection of disease, advanced nursing intervention, and interprofessional collaboration.

NSZ432 Pharmacological and Non-pharmacological Therapeutics

Pre-requisites	NSZ430
Equivalents	NSN432
Credit Points	12
Campus	External
Availabilities	External - SEM-2

This unit will assist you to develop advanced knowledge and skills necessary to prescribe, administer and evaluate the advanced therapeutics relevant to your area of practice. A key focus is to enable you to prescribe medicines and provide therapeutic interventions judiciously, appropriately, safely and effectively in the Australian healthcare system. Activities are designed to support delivery of consumer care in a specialty area that conforms to regulatory requirements and that is ethical, culturally-sensitive, context-driven, evidence-based and responsive.

NSZ433 The Science of Health Assessment

Equivalents	NSN433
Credit Points	12
Campus	External
Availabilities	External - SEM-2

This unit builds on existing knowledge in advanced comprehensive consumer assessment. Anatomy, physiology and core body system assessment are a key

focus in this unit. Theory and practice are integrated to enable in-depth knowledge and skill development in the scientific basis of health assessment to ensure quality ongoing consumer outcomes. Also this unit advocates a collaborative practice approach to comprehensive consumer assessment and to the formation and communication of effective clinical decisions.

OPB201 Foundations of Optometric Practice

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit introduces you to optometry as a profession, developing your initial professional identity through providing core knowledge underpins your future profession, ethics and professional responsibility.

OPB351 Visual Science 3

Pre-requisites	OPB352 and OPB353
Co-requisites	OPB452 and OPB453
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit includes a study of the basic visual sciences that underpins the practice of optometry. It covers the optics of the eye, including its basic design, dimensions and retinal quality as well as the psychophysical principles of vision.

OPB352 Ocular Anatomy and Physiology 3

Pre-requisites	LSB250 and LSB255 and OPB201
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides information on the ocular anatomy and physiology that underlies the functional measurements made in optometry and their interpretation. It includes the structure and function of the anterior eye and orbit.

OPB353 Ophthalmic Optics 3

Pre-requisites	(MAB141 or MAB233) and PCB150
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Ophthalmic Optics is a fundamental area of Vision Science and Optometry, as a majority of problems dealt with in these fields require optical solutions. It provides much of the optical basis for other units in the Optometry and Vision Science course dealing with optics, and thus is placed early in the course.

OPB451 Visual Science 4

Pre-requisites	OPB351 and OPB452
Co-requisites	OPB556
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This subject continues studies commenced in OPB351, and provides students with an understanding of spatial, temporal, colour and binocular vision, and their influence on visual performance.

OPB452 Ocular Anatomy and Physiology 4

Pre-requisites	OPB352
Co-requisites	OPB351
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This is a continuation of OPB352. The unit covers the posterior eye, orbit, neural pathways, eye movements, neurophysiology of vision and an introduction to electrophysiological techniques.

OPB453 Ophthalmic Optics 4

Pre-requisites	PCB240 and OPB353
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit continues development of learning in the optics of spectacle lens corrections, lens forms and designs and the optical and mechanical

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measurements of spectacles and lenses required in future clinical practice.

OPB550 Diseases of the Eye 5

Pre-requisites	(CSB520 or LSB475) and OPB452
Co-requisites	OPB654
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides students with a knowledge and understanding of relevant general diseases and those that affect the eye. It includes general disease principles and processes, referral procedures, genetics, congenital, dystrophic and degenerative eye disease, and the ocular manifestation of general disease. [Designated unit].

OPB556 Assessment of Vision 5

Pre-requisites	OPB351 and OPB453 and PYB007
Co-requisites	OPB451
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit addresses the theory and practice of a number of clinical procedures which are used in eye examination: visual acuity measurement, external and internal examination of the eyes, subjective refraction, and slit-lamp biomicroscopy. Students are also introduced to communication with patients, and the communication principles and skills in taking a case history. [Designated unit]

OPB557 Binocular Vision

Pre-requisites	OPB451 and OPB556
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit covers the different types of refractive errors and what to expect in different age groups, and the types of binocular vision and accommodation anomalies frequently found in the population. A suite of procedures to investigate binocular and accommodation anomalies is covered.

OPB650 Diseases of the Eye 6

Pre-requisites	OPB451 and OPB550 and OPB556
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This is a continuation of OPB550 and covers the ocular manifestations of general disease, neuro-ophthalmology, glaucoma, ocular inflammations/infections, dystrophies and degenerations, tumours and trauma. [Designated unit]

OPB654 Ocular Pharmacology

Pre-requisites	OPB452 and LSB384
Co-requisites	OPB550
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides students with the appropriate knowledge of pharmaceutical agents used to examine the eye and to treat eye diseases. [Designated unit]

OPB656 Assessment of Vision 6

Pre-requisites	OPB556
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit introduces the student to the theory and practice of further core clinical techniques of vision and eye health assessment. The integration of these additional clinical techniques to those learned previously provides students with a thorough knowledge of all aspects of ocular examinations required for the diagnosis of routine eye conditions. [Designated unit]

OPN161 Optometry in Special Needs Groups

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is designed to provide an understanding of the fundamentals of low vision rehabilitation and paediatric

optometry. Students will build on their existing knowledge of ocular anatomy and physiology, ocular disease, the development of binocular vision and the assessment and management of paediatric and geriatric patients. Clinical skills relating to paediatrics and low vision are further developed in the specialist clinic units (OPN262, OPN362 & OPN462).

OPN162 Contact Lens Practice

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides an introduction to contact lens clinical practice. Contact lenses provide an important method for correcting the optical errors of the eye. Topics covered include the basic clinical skills, knowledge about contact lenses and the skills to manage contact lens patients.

OPN163 Primary Care Clinic 7

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

OPN164 Research Methods in Optometry and Vision Science

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

OPN261 Therapeutic Management of Eye Disease

Pre-requisites	OPN163
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Optometric practice allows appropriately trained optometrists to provide therapeutic pharmacological management of a range of eye diseases. It is important for optometrists to have a comprehensive knowledge of prescription drugs used in the management of eye disease, be able to develop treatment plans, and assess the outcomes of treatment. This unit aims to integrate your knowledge of eye

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disease and ocular pharmaceutical agents to allow you to safely and effectively develop treatment plans for your patients in optometric practice.

OPN262 Specialist Clinic 8

Pre-requisites	OPN161, OPN162, and OPN163
Co-requisites	OPN263
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit begins clinical practice in the specialist areas of contact lens practice and binocular vision and low vision. Students will begin development of clinical case management and problem solving strategies in these specialist areas of clinical practice. They will also develop higher level clinical examination techniques, reinforcing and refining clinical skills developed in the previous specialist clinical units in these areas.

OPN263 Primary Care Clinic 8

Pre-requisites	OPN163
Co-requisites	OPN261, OPN262
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit continues clinical optometric practice in the primary care area within the Optometry Clinic of the School of Optometry. Through clinical practice, students will further develop specific problem solving strategies in clinical practice, and further develop problem specific examination techniques, reinforcing and refining clinical skills developed in the previous units. Students will take on a gradually increasing responsibility for clinical decision making and management.

OPN264 Research Project

Pre-requisites	OPN164
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Optometrists in clinical practice are required to reflect upon and modify their practice to incorporate knowledge of the most recent research evidence into the evidence base for their mode of practice.

This requires skills in the critical evaluation, interpretation and application of research in both fundamental and applied aspects of optometry and vision science. This unit will develop your skills in the evaluation, interpretation and application of research in optometry and vision science, as well as building your capacity to design a relevant research study, undertake data collection and to develop experience in analysing data and interpreting that data in the context of current literature.

OPN361 Evidence Based Optometry

Pre-requisites	OPN262 and OPN263 and OPN264
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is designed to provide an understanding of the relationships between research and clinical practice in the development of evidence based practice for a growing profession. Current clinical issues of significance will also be reviewed.

OPN362 Specialist Clinic 9

Pre-requisites	OPN261 and OPN262 and OPN263
Co-requisites	OPN365
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit continues clinical practice in the specialist areas of binocular vision, paediatric optometry and vision rehabilitation to broaden their clinical experience. Through clinical practice in these areas, students will refine their specific problem solving strategies for these areas of clinical practice, and develop problem specific examination techniques, reinforcing and refining clinical skills developed in the previous units in these areas. Specialist Clinical Practice in contact lenses is continued from the previous semester (Specialist Clinic 8)

OPN365 Clinical Practice 9

Pre-requisites	OPN261 and OPN262 and OPN263
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Co-requisites	OPN362
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit continues clinical optometric practice in the primary care area within the Optometry Clinic of the School of Optometry. Through further clinical practice, students will refine specific problem solving strategies in clinical practice, and problem specific examination techniques, reinforcing and refining clinical skills developed in the previous units. Students will take on a greater responsibility for clinical decision making and management, demonstrating early independence and responsibility in decision making and problem solving, beginning the transition to professional practice. Students will also participate in clinical placement activity off-campus in a range of practice environments with a view to further developing clinical management skills and exposure to business management in practices.

OPN461 Optometry in Professional Practice

Co-requisites	OPN465
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Most optometry graduates aspire to enter private practice, either as an employee or associate of another practitioner or firm of optometrists. In the latter case, they are frequently required to manage the practice. They must therefore be prepared in the areas of business, finance and practice management as they relate to optometry. The practice of optometry is also regulated by several State and Federal Acts of Parliament and optometrists have moral and ethical responsibilities to their patients.

OPN462 Specialist Clinic 10

Pre-requisites	OPN362 and OPN365
Co-requisites	OPN465
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit continues the clinical practice of specialist areas within optometry: contact lens practice, binocular vision, and paediatric optometry (including colour

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vision and myopia control) and low vision rehabilitation. Through further clinical practice in these areas, students will increase their knowledge and skill base in specialized clinical practice to allow a transition to independent practice.

OPN465 Clinical Practice 10

Pre-requisites	OPN365
Co-requisites	OPN462
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit completes clinical optometric practice in the primary care area within the Optometry Clinic of the School of Optometry. Through clinical practice, students will refine specific problem solving strategies in clinical practice, and problem specific examination techniques, illustrating a consolidation and integration of their theoretical knowledge base and clinical skills developed through the previous units. Students will demonstrate significant responsibility for clinical decision making and management, demonstrating independence in decision making and problem solving as final preparation for their transition to professional practice. Students will also participate in clinical placement activity off-campus in a range of practice environments with a view to further developing clinical management skills and exposure to business management in practices.

OPP002 Ocular Therapeutics 2

Pre-requisites	OPP001
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

OPP002 is the major clinical component of OP43 Graduate Certificate in Ocular Therapeutics. In it, students will apply the clinical principles learned in OPP001 by observation in clinical placement, by contributing to case series presentations and by written case reports. Student are also expected to develop and demonstrate clinical decision making skills to the level appropriate for registration as an Endorsed Optometrist registered with the Australian Optometry Board.

OUB100 Yatdjuligin - Cultural Safety in Indigenous Australian context

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Cultural Safety in an Indigenous Australian Context is an Indigenous knowledge developed by Maori Nurse Irihapiti Ramsden. Culturally Safe practice is an essential element in a professional's ability to work as a holistic and accountable professional with Indigenous Australian peoples and their communities. Whilst Cultural Safety commenced as a nursing and midwifery specific response, the need for a much wider discipline approach to educating culturally safe professionals is essential. An understanding of your own cultures and their potential impacts underpins the journey of becoming a culturally safe practitioner.

OUB110 Am I black enough? Indigenous Australian Representations

Anti-requisites	EDB039
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Aboriginal and Torres Strait Islander peoples, images and cultures, have been represented in a variety of media since colonisation. The purpose of this unit is to deconstruct these representations from Indigenous standpoints. You will develop understandings and skills to critically analyse media representations.

OUB130 Indigenous Knowledge: Research Ethics and Protocols

Anti-requisites	EDB040
Credit Points	12
Campus	null

This unit critically analyses and articulates culturally safe research that reflects decolonising methodologies as an underpinning framework for Indigenous Australian research. The need for culturally safe research is supported by the obvious gaps in knowledge of the ongoing life differentials and social determinants that impact on Indigenous Australians. This in part is due to a profound lack of culturally safe research

which has effectively neglected historical and Indigenous knowledges that can address the outstanding social determinants influencing Indigenous Australians and their communities.

PCB121 Vision, Colour and Photometry

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This is the first unit in the lighting suite of courses and aims to prepare students with the necessary grounding for future units in the course. All lectures in units that follow this will assume a good knowledge and understanding of the concepts and principles presented in this unit.

PCB124 Lamps and Luminaires

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This is an important unit in the lighting suite of courses because it describes the basic equipment that people working in any area of the lighting industry have to know and understand – the lights themselves. Understanding how a lamp works and how it performs helps people make informed decisions about the choices they have in choosing lamps for particular applications. All lectures in units that follow this will assume a good knowledge and understanding of the principles, properties and performances of light sources, including the emerging LED products.

PCB150 Biomedical Physics

Anti-requisites	PVB101
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Professionals in the applied sciences require an understanding of the processes of making and recording measurements and an understanding of the physical principles that govern the behaviour of both the physical parameters being measured and the instrument being used to make the measurement. The aim of this unit is to introduce you to the

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processes of making measurements and estimating, processing and interpreting the uncertainties involved with these measurements. To enable you to understand the physical parameters being measured and also the limits of the measuring instrument; the physics of mechanics, heat, sound and light will be introduced and explained.

PCB240 Optics 1

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit includes a study of selected topics in optics particularly related to aspects of optometry. Topics include geometrical optics in mirrors and lenses, including thick lenses, cylindrical, spherical and toric lenses, colour and colour measurement, photometry, lens aberrations and optical instruments.

PCB272 Radiation Physics

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Radiographers require a basic knowledge of general physics and more detailed theoretical background to the physical basis behind the equipment design, construction and materials and the increasing technological support for developing modalities. The aim of this unit is to provide students with an understanding of radiation physics related to x-ray production and radiographic practice and how radiation interacts with matter.

PCB593 Digital Image Processing

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides students with a basic understanding of the computer techniques used in image processing and reconstruction. Specific areas of study include the following: the structure of a digital image; image display techniques; grey scale palettes and look-up tables; Fourier transform theory; convolution theory; image processing

hardware; image processing techniques, eg analysis, enhancement and restoration; spatial filtering; Fourier space filtering; methods of image reconstruction; 3D volume and surface rendering; applications of image processing in medicine, astronomy and remote sensing, etc.

PCB675 Radiation Safety and Biology

Pre-requisites	PCB272
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Medical radiations procedures are the principal cause of non background radiation exposure. It is therefore important that you understand potential hazards of exposure to ionising radiation and techniques of protection. An understanding of relevant codes of practice is also required. The aim of this unit is to provide you with a basic understanding of aspects of radiation biology and radiation safety relevant to your future employment as a Medical radiation technologist.

PCN112 Medical Imaging Science

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit offers an introduction to nuclear medicine, radioactive decay, radionuclide production, imaging systems and internal dosimetry. There is a strong emphasis on the application of new technologies in the clinical discipline of nuclear medicine. The second part offers an introduction to programming techniques and algorithms and digital image processing techniques that are important for the practicing medical physicist. The techniques will be authentically applied to different types of medical images preparing you for the workplace on graduation.

PCN113 Radiation Physics

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit includes the following:

radioactivity and the interaction of ionising radiation with matter; applied radiation counting techniques; radiation detectors; radiation dosimetry.

PCN211 Physics of Medical Imaging

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Most medical imaging modalities now produce images in digital form. These digital images frequently undergo processing such as enhancement, registration, fusion and 3D reconstruction. Digital image processing and 3D image visualisation techniques are also extensively used in nuclear medicine and radiotherapy planning. Consequently, computing, numerical methods and digital image processing are necessary skills of a practising medical physicist. This unit is designed to make the student familiar with image visualisation methods and imaging in nuclear medicine, and to develop skills in digital image processing.

PCN212 Radiotherapy

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides an overview of the application of physics to radiotherapy including theoretical and practical aspects of the major topics in radiotherapy physics. The unit builds on your previous knowledge of radiation physics and applies it to radiotherapy.

PCN214 Health and Occupational Physics

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces the philosophy, protocols and practices of safety in the medical and industrial physics fields and the minimisation of hazards associated with radiation, and laser techniques.

PCN218 Research Methodology and Professional Studies

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

In the rapidly changing technological environment of medical physics and medical ultrasound it is essential that students develop basic research skills, data interpretation skills and written communication skills. Topics include the research process, data collection and analysis techniques, and writing and evaluating research reports. Students also require knowledge of the professional, basic management, legal and ethical issues involved in their particular speciality area. Topics include the role and purpose of professional bodies, professional communication, legal and ethical issues, and basic professional management techniques and issues.

PCN520 Project (FT)

Credit Points	48
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

New and exciting technologies are playing an increasingly important role in everyday life. Modern healthcare is a good example of a field where technology has had a huge impact in the way patients are diagnosed and treated. Graduates are increasingly involved in the research and development of new technologies and also in its translation and implementation into clinical use. This unit aims to develop further your skills for carrying out such work in the form of a research project. The project may be carried out in collaboration with a hospital or industry. This unit aims to introduce and improve your skills in carrying out research work in the form of a short research project.

PCN540 Project (PT)

Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

New and exciting technologies are playing an increasingly important role in everyday life. Modern healthcare is a good example of a field where technology has had a huge impact in the way

patients are diagnosed and treated. Graduates are increasingly involved in the research and development of new technologies and also in its translation and implementation into clinical use. This unit aims to develop further the student's skills for carrying out such work in the form of a research project. The project may be carried out in collaboration with hospitals or industry. This unit aims to introduce and improve the students skills in carrying out research work in the form of a short research project. (48 credit points achieved at completion of PCN540-1 and PCN540-2.)

PCN540 Project (PT)

Credit Points	24
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

New and exciting technologies are playing an increasingly important role in everyday life. Modern healthcare is a good example of a field where technology has had a huge impact in the way patients are diagnosed and treated. Graduates are increasingly involved in the research and development of new technologies and also in its translation and implementation into clinical use. This unit aims to develop further the student's skills for carrying out such work in the form of a research project. The project may be carried out in collaboration with hospitals or industry. This unit aims to introduce and improve the students skills in carrying out research work in the form of a short research project. (48 credit points achieved at completion of PCN540-1 and PCN540-2.)

PCN701 Topics in Advanced Chemistry 1

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The complexity of the chemical systems studied in a research program and the sophistication of the instrumentation used demand that deeper theoretical understanding than that acquired in an undergraduate program. The aims of this unit are to teach and extend knowledge and comprehension of Advanced Chemical Techniques and assess application of knowledge; and to provide the candidate with the appropriate theoretical and practical background, at

an advanced level, necessary for the completion of a research program.

PCN801 Topics in Advanced Chemistry 2

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

The complexity of the chemical systems studied in a research program and the sophistication of the instrumentation used demand that deeper theoretical understanding than that acquired in an undergraduate program. The aims of this unit are to extend and deepen the theoretical and practical background required for undertaking a research program and to provide the candidate with the appropriate theoretical and practical background, at an advanced level, necessary for the completion of a research program.

PMN501 Project Management Essentials 1

Anti-requisites	BEN610 and PMN610
Credit Points	12
Campus	Gardens Point and Online
Availabilities	Gardens Point - SEM-1, SEM-2 Online - SEM-1, SEM-2

This unit will furnish you with an appreciation of the nature and role of project management as a professional discipline. With a specific focus on aspects of project planning and project development, the unit will describe, clarify, and formalise project management of the front end of projects to prepare you for further postgraduate study or bring new knowledge and skills to your professional endeavours.

PMN502 Project Management Essentials 2

Anti-requisites	BEN610 and PMN610
Credit Points	12
Campus	Gardens Point and Online
Availabilities	Gardens Point - 6TP3, 6TP5 Online - 6TP3, 6TP5

This unit will furnish you with an

appreciation of the nature and role of project management as a professional discipline. With a particular focus on the final two phases of project management; project delivery and handover, this unit will prepare you for further postgraduate study or bring new knowledge and skills to your professional endeavours.

PMN503 Systems in Project Management

Credit Points	12
Campus	Online and Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2 Online - SEM-1, SEM-2

This unit focuses on the skills and knowledge required for a Systems Thinking and Integration approach to project management as it relates to scope management, schedule management, quality management and risk management. Other concepts and techniques covered as part of this unit include the interface with other organisational systems, innovation and multiple business environments, health and safety and environmental management.

PMN504 People and Projects

Credit Points	12
Campus	Gardens Point and Online
Availabilities	Gardens Point - SEM-1, SEM-2 Online - SEM-1, SEM-2

This unit will provide you with the fundamental skills and knowledge to appreciate the nature and role of human resources required to achieve outcomes critical for the success of a project. The unit will specifically focus on theoretical aspects of effectively managing individuals within project teams, leadership, motivation, conflict resolution, individual and cultural differences, communication and negotiation skills; and human resource legislation and ethics.

PMN601 Projects and Performance

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Focusing on the context and principles of performance management issues in projects, this unit examines the specific methods and tools that can be applied to improve key performance targets in projects will then be presented. Through reflective learning, the unit will also focus on developing your ability to gather information, apply the most appropriate methods, and make holistic and integrated decisions

PMN602 Organisations and Projects

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit will provide you with advanced skills and knowledge to manage human resources issues required to achieve outcomes critical for the success of a project. The unit will focus on aspects of effectively managing human resources at an organisational level, including project organisational structures, human resource planning, stakeholder management, high performance teams and organisational development.

PMN603 Project Investigation 1

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Modern Project Managers are required to gather the best available evidence to make informed decisions, solve problems, establish best practice as well as innovate and develop. This unit will equip you with the applied research skills and knowledge to solve discipline specific real world problems and effectively communicate processes and solutions verbally and in writing within the context of your professional practice.

PMN604 Strategy and Projects

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit shows how your project or program grows out of the business lifecycle and also feeds into that lifecycle. The unit shows how the project or program adds value to both the client

and provider organisations and that value can be sustained for a long periods if managed appropriately. It details contemporary program and portfolio management approaches and practically relates them to organization dynamics and project benefits realisation.

PMN605 Strategic Project Procurement

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit shows the value of identifying and evaluating the procurement options for your project or program. It further details contemporary market options and the preparations both client and tenderers must make to effectively manage the engagement phase and delivery phase of procurement strategy and contract form chosen.

PMN606 Project Investigation 2

Pre-requisites	PMN603
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Problems that confront project managers are ill-defined and complex. Problem identification and the collection and analysis of relevant information using appropriate research methods are essential to professional practice. From a learning perspective, one of the most effective ways of achieving this is to consolidate and extend previously gained research skills through an activity that is relevant to industry and, where possible, is associated with a specific workplace. This unit will help you apply skills previously attained in your degree to an advanced project management problem domain, and to enable you to conduct a well-defined project of relevance to your profession and industry, with specific outcomes within a precisely defined project plan.

PMN607 Strategic Risk Management

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

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This unit shows how to identify, evaluate, both qualitatively and quantitatively, the risk and opportunities for your project or program. You will then allocate and effectively manage the risks. It further details contemporary risk treatments available for both client and tenderers/contractors to effectively manage their project or program.

PMN608 Managing the Project

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

In Managing the Project you will implement the knowledge, skills and tools developed throughout the Master's program. This will assist you to apply your learnings to a real world project from inception to closeout.

PMN610 Project Management Principles

Anti-requisites	PMN501 and PMN502
Equivalents	BEN610
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit introduces project management as a fundamental skill for all postgraduate coursework students of the built environment and engineering. It also supports other disciplines including Business, Health, and Law. The unit provides an overview of the project management methodologies, frameworks, processes and key knowledge areas.

PQB360 Global Energy Balance and Climate Change

Equivalents	PCB563
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Modern societies are becoming increasingly aware of potential environmental problems associated with conventional energy production technologies. Application of alternative technologies is therefore increasing, with ambitious targets and plans to support research and development for reducing

energy related environmental consequences. This unit is designed to offer science and engineering students an opportunity to gain awareness about the expanding field of alternative energy technologies and to understand relationships between use of energy and its impact on local and global environment.

PUB100 Medical Terminology, Anatomy and Physiology

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The main aim of this unit is to provide students with an in-depth knowledge of the language of medical terminology and an understanding of anatomy and physiology that can be competently applied in a health care setting.

PUB101 Introduction to Clinical Classification

Pre-requisites	PUB100
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Clinical classification (clinical coding) is one of the major speciality tasks of a health information management service in a hospital. This unit will introduce you to the skills required to become entry-level coding practitioners. Through practical application of the principles and techniques to code diagnoses and procedures, you will learn how clinical classification relates to medical science and the purpose and application of coding in the health care environment.

PUB102 Foundations of Health Information Management

Equivalents	PUB208
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit gives an introductory overview to health information management students of the field of health information and their role in the health information management profession. The unit provides a context for the study of contemporary health information and data management practice. The use of information as a strategic, organisational

and management resource is discussed, and a broad appreciation of health information and data management procedures and philosophy is provided.

PUB104 Australian Health Care Systems

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This is an important unit for students who are intending to enter the health industry. It is designed to give a broad overview of the system of health care in Australia and its methods of operation. This unit outlines the structure of the Australian health care system, examines the roles and responsibilities of members of the health care team. It also helps identify the key issues confronting the provision of health care.

PUB110 Introduction to Health Informatics

Pre-requisites	Completion of 48 credit points
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Information management using diverse types of software systems is an essential aspect of information intensive work in healthcare organisations. With increasing use of information technology systems, use of information systems like electronic health records is becoming pervasive to manage data in healthcare settings. Understanding the principles of information and database design therefore is now a pre-requisite for today's healthcare professionals especially those involved directly in the data management side of health services. This unit introduces the complex world of health information systems and basic principles of information and database design to students with minimal technical background. Students will learn about the fundamentals of informatics and database design in the healthcare domain. Once the database design concepts are established, focus will shift towards how use data for reporting and analysis purposes. The unit assists with setting foundational critical thinking skills required to design, use and evaluate health information systems. It links to the key applications in health care domain, providing students with the opportunity to apply the knowledge they acquire in this

unit. This unit provides the essential baseline skills for students to understand the role and significance of health information systems.

PUB202 Advanced Clinical Classification

Pre-requisites	PUB101
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit will allow you to build on your skills in the application and rules for classification of diseases and health interventions using the International Classification of Diseases 10th revision Australian modification (ICD-10-AM), the Australian Classification of Health Interventions and the Australian Coding Standards. You will refine skills in abstraction of data from source documents and understand the need to access feeder information systems to support coding. You will also apply coding quality assessment techniques.

PUB204 Resourcing and Managing Health Budgets

Pre-requisites	PUB104
Anti-requisites	PUB480,PUB609
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

In this unit, you will consolidate your knowledge about the Australian healthcare system, and learn how health resources are allocated and managed at the macro (health system) and micro (health service and departmental) level. At the macro level you will learn about the context and drivers of health resource allocation to benefit population health. At the micro level, you will learn approaches to decide what to fund, how to source and allocate funding and how to distribute the benefits in the face of competing demands for scarce resources. You will focus on the principles of effectiveness, efficiency and equity when examining the implications of resource allocation decisions at the health service level and develop a sound understanding of the principles, processes and practice of financial management, including governance, costing, budgeting, and reporting.

PUB208 Understanding Health Information

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit gives an introductory overview to public health professionals of the uses and applications of health information in the health industry. Understanding information will assist public health professionals to recognise the potential of health information as a valuable resource. The unit provides context to the quality and accessibility of health information.

PUB209 Health, Culture and Society

Equivalents	NSB017
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit is concerned with the social and cultural dimensions of health and illness and how they relate to health status and patterns of behaviour. It introduces you to thinking about health from sociological and anthropological perspectives, drawing on relevant concepts and theory to examine selected public health issues. Identifying and addressing social and cultural factors that shape people's experiences of health, illness and health systems are integral to public health practice in terms of reducing health inequalities, delivering appropriate services and ultimately improving population health outcomes.

PUB215 Public Health Practice

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit introduces you to the values, frameworks, principles, and skills which underpin Public Health. It focuses on what public health professionals do and how their work makes a difference in the world in which we live. The unit uses a topic-based approach so that you can learn and apply the core Public Health skills to a real world Public Health issue.

PUB326 Introduction to Epidemiology

Anti-requisites	HLN710
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Epidemiology is the basic scientific method of public health. It is the study of the distribution and determinants of diseases, health conditions, or events among populations and the application of interventions to control health problems. Epidemiological methods are used to generate the evidence base for clinicians, health promotion specialists, health educators, nutritionists, and health service managers.

PUB332 Sustainable Environments for Health

Anti-requisites	PUB107
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides an overview of environmental health and introduces the importance of achieving environments that are able to sustain human health. In particular, the unit covers the practice of environmental health, its scientific foundations, and its integral place in the overarching discipline of public health.

PUB336 Women's Health

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit explores the data and current health issues related to women's health and critically evaluates health related policies, systems and practices in terms of their impact on women's health, internationally and in Australia. The social, economic, cultural and political influences on women's health, and the specific needs of sub-populations of women are examined.

PUB358 eHealth Concepts

Pre-requisites	((PUB208 or PUB102) and PUB202) or 192cp
Credit Points	12
Campus	Kelvin Grove and External

Units

Availabilities	Kelvin Grove - SEM-1 External - SEM-1
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This unit will provide the student with an understanding of contemporary health information technologies and their application in the health sector. Students will have the opportunity to explore the technical requirements and processes surrounding the introduction of electronic health records, including privacy, person and provider identification, hybrid EHRs, interoperability, terminologies, EHR structures, decision support systems, internet applications and management of transition to EHRs and legacy systems.

PUB359 Health Information Management

Pre-requisites	(PUB102 or PUB208) and PUB202
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit will provide the student with an understanding of the management and operating principles of health information services.

PUB364 Transition to Professional Health Information Management Practice

Pre-requisites	PUB359
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit recognises that you are about to transition from university to health information management practice and that you will need to sustain your professional and educational development. Accordingly, this final semester unit provides a dual platform for transition to practice and independent professional development.

PUB368 Integrated Health Information Management Practice

Pre-requisites	PUB359 and PUB514
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove

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The aim of this unit is to develop high level, practical Health Information Management skills in a range of health care settings. Increased understanding of the various roles that health information managers play in the health care system is emphasised through work integrated learning experiences. Students will undertake project work as negotiated with their placement supervisor.

PUB370 Practical Clinical Classification

Pre-requisites	PUB359
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit will provide students with greater competence and confidence in the use of the International Classification of Disease 10th revision Australian modification, the Australian classification of Health Interventions and the Australian Coding Standards. Through hospital based placements, students will code from actual medical records and utilise IT feeder systems to support their coding decisions. Advanced clinical coding for high cost Diagnosis Related Groups, complex cases and adverse events will be a focus for this unit. Students will achieve also competencies for clinical coding auditing for data quality control and coding practice management.

PUB380 Casemix and Activity Based Funding

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

The focus of this unit is to introduce current national and state-based initiatives relating to casemix and Activity Based Funding for acute, subacute and non acute services. Included will be the relationship between clinical classification and financial management, peer group cost weights, cost modelling, inlier and outlier payments, co payments and use of ABF and casemix data to predict activity and costs.

PUB406 Health Promotion Practice

Pre-requisites	PUB215 or PUB530 or PUB251
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit ties together the fundamental health promotion knowledge learnt in PUB215 Public Health Practice, and PUB530 Health Education and Behaviour Change, to introduce students to the range of strategies available to a health promotion practitioner. The unit promotes an appreciation of the strengths and weaknesses of different approaches, as well as related administrative factors. This is an essential field of study for those students who wish to work in a health promotion or related field.

PUB416 Research Methods

Pre-requisites	PUB561
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

An understanding of research methods is essential in the training of all public health professionals. This unit explores quantitative methods in a variety of health research projects, examining conceptualisation of research questions and hypotheses, core elements of experimental and quasi-experimental designs, and various approaches to the collection, management and analysis of quantitative data. The unit has a practical focus for students who are considering conducting research as well as those interested in deeper appreciation of implementation behind published research results.

PUB461 Qualitative Inquiry in Public Health

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Qualitative methods are essential to generate knowledge of people's lived experiences, the meanings they ascribe to them, and to the social dimension of health. The nature and complexities of many public health problems require a mix of research methods and the contributions of qualitative inquiry are

increasingly recognised. The practical skills acquired in this unit can be applied to a wide range of public health works, including community based program evaluation, international health and health social science research.

PUB490 Quality Management in Health

Pre-requisites	Completion of 96cp
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit provides you with the necessary knowledge and skills to develop a quality management program, perform quality improvement activities, and expand outcomes into process improvements and organisational change. Methods of health care performance measurement are explored, and a clinical quality framework model is introduced. Issues relating to administrative and clinical data quality, safety and privacy in an increasingly electronic health care environment are also considered.

PUB514 Contract / Project Management

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1, SEM-1

This is an important unit for students entering the health industry as your efficient management associated with the delivery of health services is enhanced by knowledge and exposure to the principles of formalised project and contract management.

PUB530 Health Education and Behaviour Change

Anti-requisites	PUB329, PUB341
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit gives you the skills to bring about change in health-related behaviours through educational

interventions. Topics covered include key health education and behaviour change theories, frameworks, strategies; approaches to bring about change in different contexts; research and design of educational interventions to suit different target populations in different settings, using evidence-based practice; and health literacy as a function of health education.

PUB545 Health Policy, Planning and Advocacy

Pre-requisites	Completion of 192cp
Anti-requisites	PUB511
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit consolidates knowledge of health policy development and reform and the processes that translate policy into public health practice. Topics covered include translating a health policy into a plan for professional practice; critical examination of advocacy processes and the impact on policies; planning and evaluating the impact of programs; and policy strategies in collaborative teams.

PUB561 Statistical Methods in Health

Anti-requisites	PUN105, MAB141
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit introduces the foundation concepts required to competently apply and interpret common statistical methods for the analysis of health data. Rather than superficially covering a wide variety of statistical tests, this unit will focus on achieving competency of the most common fundamental tests that analyse non-repeated data. Statistical analysis is inextricably linked to research design, which drives the choice of descriptive summary of data, choice of statistical test, and interpretation of the statistical analysis. You will be provided with substantial practical experience in the application and interpretation of the most common statistical methods.

PUB565 International Health

Pre-requisites	PUB215 or PUB251
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

International health will broaden student's understanding of global health systems and programs, providing an advanced level analysis that explores systems and methods that have been devised to address population health problems in developing and developed countries. Students examine the historic context of the international health movement from the early 1900s to recent changes in global health systems, explore the diversity of services between and within countries, and consider issues of globalisation, economic reform, health equity and ethics. This unit is particularly relevant to students who are interested in international health development work.

PUB875 Professional Practice

Pre-requisites	(Completion of 240 cp including PUB514) or (Completion of 240cp including SWB401 and SWB312)
Anti-requisites	PUB645, PUB821
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This capstone unit provides students with the opportunity of working in one or a number of placements in a professional capacity in an area of public health locally or overseas. It provides an opportunity for students to apply the knowledge and skills acquired through their course to a practical problem or workplace situation.

PUN015 Environmental Management and Sustainability

Pre-requisites	PUN465. PUN465 can be studied in the same teaching period as PUN015
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2

Units

External
- SEM-2

This unit supports students develop advanced skills and knowledge necessary to manage environmental issues and promote sustainability across a wide range of organisations. Topics covered in this unit include: sustainability; energy, water and waste minimisation; environmental auditing; compliance monitoring and corporate reporting; rehabilitation and remediation processes; biodiversity and heritage conservation; and environmental and ecological economics, policy and policy change.

PUN016 Risk Assessment

Anti-requisites	PUN467
Equivalents	PUN008
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2

Environmental health, OHS and environmental management professionals are required to plan/conduct/oversee/evaluate risk assessments as part of their work. It is becoming increasingly important for organisations to undertake risk assessments to meet compliance obligations and to work towards longer term sustainability goals. This Unit explores a range of risk assessment methods available for the assessment of occupational safety, occupational health and environmental health risks.

PUN017 Health Planning and Evaluation

Pre-requisites	PUN640 and PUN106
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit is an introduction to the principles and practice of integrated health planning and the evaluation of the effectiveness of health policies, plans and services. This unit will cover the spectrum of planning including the identification of the planning context, data to inform planning, the planning process, articulation of the plan into action and

post implementation evaluation.

PUN103 Advanced Epidemiology

Pre-requisites	PUB326 or HLN710
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit's aim is the mastery of key principles and concepts of research design. There has been an increasing demand for evidence based health research, and an increasing trend towards research that considers complex biological, environmental and societal inter-relationships. Recent developments in epidemiology have contributed novel research designs and statistical methods to complement these needs. Throughout this unit, students are exposed to these more sophisticated designs and analytical methods. Such knowledge is mandatory for critical evaluation of the current research literature, for design of efficient research studies, and to inform appropriate interpretation of research results at a 'best practice' level.

PUN105 Health Statistics 1

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2

Beyond a common core of statistical concepts, each discipline area emphasises its own set of descriptive and inferential statistical methods and even terminology. The content of this unit emphasises both core and health specific statistical methods in the health sciences. Students are provided with substantial practical experience in the application and interpretation of the most common statistical methods to health data, and are also made aware of data management principles in preparation for analysis. There is a strong emphasis on applying concepts through critical reading and discussion of the literature and worked examples from a range of topic areas.

PUN106 Population Health

Credit Points	12
Campus	Kelvin Grove and External

Availabilities	Kelvin Grove - SEM-1 External - SEM-1
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Current and future national and international challenges for optimising population health are examined within a social determinants framework, and public health approaches to population health challenges are examined. This unit is a foundation unit for graduate public health, environmental health and health safety and environment students, and is taken in the first year of a full-time postgraduate degree.

PUN210 Contemporary Health Management

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2

This is a core unit in the Graduate Diploma and Master of Health Management programs. The unit explores the principles and practice of management in health to inform your role as a health manager. The unit focuses on core health management activities: organisational management; strategic management; resource management including financial and human resource management; information management; project management and change management. The focus of this unit is on the development of the analytical, evaluative and political skills required by health managers who must work in complex systems and organisations characterised by constant change.

PUN212 Health Information Management Perspectives

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit gives an introductory overview of the field of health information and its uses and applications in the health industry. The unit provides a context for the study of contemporary health information and data management practice. The use of information as a strategic, organisational and management resource is discussed, and a broad appreciation of health

information and data management procedures and philosophy is provided. Demands on the users of health information occasioned by advances in information technology are highlighted.

PUN213 Quality Management in Health

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

Current and future national and international approaches to improving health care quality and patient safety are examined using a synthesis of theory, research and real world experience to promote students' development of the necessary knowledge and skills required to design and implement a quality management program, perform quality improvement activities and translate the outcomes of these into process improvements and organisational change. This unit is the foundation unit in the Quality and Patient Safety major. It provides the underpinning content knowledge and context required for more in depth study of quality and patient safety systems and leadership offered in PUN214 Systems of Quality and Safety in Health and PUN219 Leadership of Quality and Safety in Health.

PUN214 Systems of Quality and Safety in Health

Pre-requisites	PUN213. PUN213 may be enrolled in the same teaching period as PUN214
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit provides a critical in depth examination of the theory behind and application of quality and safety systems to health services. It covers legal and regulatory systems, quality certification and accreditation systems, safety systems and models, performance management including performance frameworks for the measurement, monitoring and reporting on quality and safety. The value of these, their breadth of coverage and their application to

different health care settings are analysed using case studies from both successful systems and systems experiencing failure evidenced by patient safety and quality issues.

PUN219 Leadership of Quality and Safety in Health

Pre-requisites	PUN213
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

The unit provides you with advanced knowledge of leadership theories and frameworks critical to the development and maintenance of an effective quality and safety culture in health care organisations and builds on your understanding of the principles and practice of quality management and improvement gained through PUN213 Quality Management in Health. The unit provides health managers, aspiring quality managers and leaders with in-depth knowledge about the systems that underpin governance of quality and safety in health care. You will learn about contemporary national and international approaches to building a culture of high performance, innovation and reform in health care.

PUN301 Occupational Health and Safety Law and Policy

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2

This Unit provides an overview of the many different aspects of managing occupational health and safety associated policy and law at an enterprise level. The Unit focuses on legislative compliance for organisations, the relevant legislation, Codes of Practice and industry standards, as well as how Policy is used to design implementation and verification strategies. In addition, the Unit has an emphasis on preparing the student with the requirements to appropriately analyse and inform employers within the scope of practice of a senior safety advisor/safety manager. The Unit assessments provide students with the opportunity to apply the knowledge and skills gained in an

organisational context. OHS Professionals are expected to appropriately inform an organisation's senior management (Duty Holders) to assist them in exercising their due diligence. The assessments address both strategic analysis of policy and law, as well as application in response to serious incidents or breaches.

PUN363 Environmental Health Law

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

Legal frameworks, such as the Public Health Act 2005, the Environmental Protection Act 1994, the planning legislation, local laws and other State and local legislation, provide the basis for environmental health and environmental management practice. A thorough understanding of this legislation, the prosecution process and other legal frameworks is vitally important to the practice of an environmental health professional. Major topics covered include: an introduction to law and government, public health law, planning and environmental law, local laws, administrative law and investigation processes.

PUN364 Food Safety

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

Food is a fundamental human need and a prerequisite to good health. Ensuring that the food we eat is safe is a major function of both government and industry. The food sector is one of the largest industries in Australia, with over 20 billion meals provided each year. Even though the food supply in Australia is one of the safest in the world, government data indicates that each year over 5 million cases of gastroenteritis are believed to be caused by contaminated food (most of these being unreported to health authorities). To ensure the safety of the food supply in Australia and to help minimise the incidence of food-borne illness, a system of nationally uniform food safety

standards has been developed and is now in place. All levels of Government are involved in food safety management, with much of the administration of food safety legislation undertaken by local governments and State health agencies. Topics explored in this unit include food contaminants, food safety principles, food-borne illness, food-borne illness investigation, food safety law, compliance inspections of food businesses, food safety auditing, risk management including the implementation of food safety programs (FSPs) and HACCP, food premises design, food standards and labelling, and the training of food handlers.

PUN451 Disaster Management

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit will develop your knowledge and understanding of the principles and practice of disaster management including your ability to evaluate the effectiveness of current arrangements and to apply those principles to system preparedness. This will equip you to contribute significantly to reducing the adverse impacts on human health and wellbeing, the economy and the physical and natural environment.

PUN452 Disaster Planning and Preparedness

Pre-requisites	PUN451. PUN451 may be enrolled in the same teaching period as PUN452
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit seeks to develop your in depth understanding and ability to evaluate the systems, structures and processes required to ensure essential services and the communities they serve are prepared for disasters that threaten the health and wellbeing of the community.

PUN453 Disaster Response and Recovery

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit seeks to develop your ability to manage the response to disasters that threaten the health and wellbeing of the community as well as the strategies required to affect the recovery of the community and the maintenance and restoration of essential services following disasters.

PUN454 Leadership in Disaster Management

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit develops your capacity to lead and manage a health service that is prepared and capable of managing a major incident. It is intended for those who are likely to be responsible for designing response arrangements, instructing others in those arrangements and for managing the health service strategically throughout a major incident.

PUN465 Environmental Protection

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

A pollutant is defined as 'a particular chemical or form of energy that can adversely affect the health, survival, or activities of humans or other living organisms' (Miller 2000). Pollutants in the form of solids, liquids, gases or energy emissions enter our environment by natural or anthropogenic means. With the potential for pollution to severely impact the life support system of humans and other organisms, it is necessary to implement a variety of approaches to protect the environment and ensure its sustainability. Major topics covered

include: an introduction to environmental protection and sustainability, air pollution, noise pollution, water pollution, contaminated land, waste management, acid sulphate soils, assessing environmental and development applications, an introduction to environmental auditing, environmental management systems and corporate environmental compliance.

PUN466 Communicable Diseases

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

Public health practice originated from the study and prevention of communicable diseases. Whilst public health practice has widened in scope, reducing the incidence of both existing and emerging communicable diseases (nationally and internationally) remains one of the greatest challenges to public health practitioners. Relevant activities undertaken by local/state health agencies include public health surveillance and outbreak investigation measures, immunisation programs, monitoring and enforcing infection control standards, and vector control programs. Topics included in this unit include: communicable disease processes and principles; epidemiological characteristics of key infectious diseases; principles and practice of epidemiology for communicable disease control; disease surveillance; outbreak investigation and management; immunisation; infection control; and vector control.

PUN500 Occupational Health and Safety Management

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit explores legislative and practical requirements for managing safety at a workplace. It will provide you with the knowledge necessary to make recommendations that prevent occupational injury and disease. You will apply your knowledge of specific physical, chemical, biological and psychosocial

hazards and your skills acquired in safety management systems and safety systems auditing to evaluate current or prospective hazardous situations. You will learn how to design appropriate safety systems that eliminate or control hazards and comply with the legislation, and investigate and report on any injuries or exposures that do occur.

PUN617 Health, Safety and Environment Leadership and Management

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

To successfully lead quality programs and manage health, safety and environmental hazards in both workplaces and the broader environment, the practitioner needs to be confident in addressing new and ongoing challenges, able to understand organisational and health protection contexts and communicate effectively. They need to have the skills to select and implement appropriate tools and management strategies in their contexts. This unit is therefore designed to provide future occupational, health and safety (OHS), environmental health and health, safety and environment (HSE) professionals and leaders with the skills and knowledge necessary to select and implement management tools, processes and strategies to effectively control health, safety and environmental hazards, and communicate effectively with a variety of stakeholders. Topics covered in this unit include project management, program development and evaluation, risk management, organisational management, management tools, professional communication, professional development and an introduction to research.

PUN620 Concepts of Environmental Health

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

There is increasing evidence that the integrity of the environments in which we

live is under substantial pressure, particularly from the way we live. The end result of such pressure is that the basic and fundamental pre-requisites for human health are threatened. The science of Environmental Health has always been concerned with the study of the human - environment interface, and now even more than ever, practitioners are needed who understand this link and the strategies available to control and minimize the risks associated with environmental health hazards. Topics covered include: an introduction to environmental health, ecosystems and sustainability; environmental health issues (e.g. air pollution, water and sanitation, waste and contaminated land, communicable diseases and food safety, physical agents, disaster management); and environmental health settings including the built environment.

PUN632 Leadership in Health Management

Anti-requisites	PUN610
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit is an in depth study of the strategic leadership and management of health services. Theoretical approaches to leadership together with several practical examples are presented to develop competencies to deal effectively with organisational and system wide complexities and change. The content has particular links with PUN106 Population Health and the Master of Public Health course in its examination of health system issues and the needs of diverse populations and communities. The unit further develops skills in addressing contemporary problems in public health related to the management of health services and prepares students to consider the strategic importance of leadership throughout all public health areas.

PUN640 Health Care Delivery and Reform

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External

- SEM-1

The aim of this unit is for you to explore systems of health care both in Australia and internationally and the factors that influence the design and functioning of those systems so that you may contribute to the future development of health systems. The unit will use the Australian Health Care system as a case study but seek to draw from our examination of that system the concepts and analytical principles that may apply to all systems of health care. This unit introduces conceptual frameworks fundamental to the organization of health systems. Issues covered include the structure, operations, funding and evaluation of health systems and the evaluation of health system reform.

PUN688 Health Policy in a Global Context

Pre-requisites	PUN640
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit provides you with the knowledge and skills required to develop, implement and evaluate health policy in a global context. Through theoretical grounding, evaluation of various policy-making approaches and drawing on case studies globally, key concepts are critically examined to highlight the challenges involved in effective, efficient and equitable health policy-making.

PUN704 Health Management Internship

Pre-requisites	PUN640 and PUN632 and completion of 144 credit points
Credit Points	24
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM

This unit takes an experiential approach to synthesise your knowledge of health care systems and skills of investigation and analysis of complex information to contribute to professional practice and scholarship. This unit involves placement in a health service or health policy organisation and the planning and

execution of a substantial research-based project or equivalent capstone experience. You will be expected to volunteer to work within the service during the period of the internship. QUT staff will provide every endeavour to locate a suitable placement. You may arrange your own placement although the placement should ideally be an institution different from one where you may be normally employed. The placement may be undertaken with your employer, provided that a clearly defined different experience is involved to that which is your normal employment.

PUP032 Health Promotion 2: Theories

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

The unit examines the complexity of factors that influence change within individuals, groups, communities and organisations to improve the public's health. You are introduced to health promotion theories and their use for understanding determinants of health behaviours and for the development of health promotion programming.

PUP034 Health Promotion 3: Program Planning

Pre-requisites	PUP032
Anti-requisites	PUN613, PUP023
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit further develops your knowledge, skills, and application of health promotion programming principles. In the unit you will build upon your work in PUP032 and PUP038 to create a comprehensive health promotion program proposal based on a health promotion planning framework. With a large portion of health promotion work involving the development of health promotion programs, the unit allows you to develop the skills that are essential for a health promotion practitioner.

PUP037 Health Promotion 4: Program Evaluation

Pre-requisites	PUP032 and PUP034. PUP034 can be studied in the same semester as PUP037
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

This unit further develops your knowledge, skills, and application of health promotion programming principles. In the unit you will build upon your work in PUP032, PUP038 and PUP034 to create a health program evaluation proposal using an internationally recognised evaluation framework. Evaluation is a crucial aspect of health promotion and public health work. Within the health sector there is strong competition for funding from the government and non-government sectors. The need to use evidence upon which to make judgments about programs and influence policy rests increasingly on robust evaluations. This unit will advance your knowledge and application of evaluation techniques.

PUP038 Health Promotion 1: Paradigms

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

As the health policy agenda shifts to embrace prevention, health promotion is an important area of study for health professionals interested in population health. The evolution of health promotion methodologies and policies reflect changing physical, social and political environments and health issues, as well as new research findings. This unit focuses on developments in health promotion which have emerged from the interaction of theoretical frameworks, the changing physical, social and political environments and the growing evidence base. This shift includes a focus on the health impact of biological, physical and social conditions throughout the life of an individual (life course perspective), a settings approach and the expansion of new technologies. You will examine the relationship between these and recent developments, the evidence and

contribution to the ongoing effectiveness of health promotion.

PUP116 Human Factors and Ergonomics

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-2 External - SEM-2

Human Factors and Ergonomics is the scientific discipline concerned with the fundamental understanding of interactions among humans and other elements of a system and the application of appropriate methods, theory and data to improve human well-being and overall system performance. Ergonomics promotes a holistic approach such that considerations of physical, social, psychosocial, organisational, environmental and other relevant factors are taken into account. Knowledge of current methods and techniques commonly used in ergonomics is essential for the occupational health and safety generalist professional.

PUP250 Toxicology and Occupational Hygiene

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

Occupational hygiene involves the anticipation, recognition, evaluation and control of hazards in the working environment. Workplaces contain numerous hazards which are potentially harmful to the human health of workers, other occupants and the public. The role of the occupational health and safety professional is to develop and /or assist in the development of management strategies to identify these potential hazards, evaluate the risk they pose to persons, property and equipment and to recommend control measures which will manage the risks involved.

PUP415 Occupational Health

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1

External
- SEM-1

This unit concentrates on the various agents in the workplace capable of adversely affecting the health of workers, as well as human response to toxic and imperilling environments. Occupational health covers identification, prevention and management of risks to health in the workplace, the disease process, occupational rehabilitation and health & wellbeing surveillance and management in the workplace.

PUZ018 Cost-effectiveness Analysis for Healthcare Decision Making

Equivalents	PUN018
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

In this unit, you will develop applied skills in cost-effectiveness analysis that can be used to inform decision making in healthcare. Evaluating the costs and health outcomes of innovations in healthcare are important steps in allocating scarce healthcare resources. You will attend a five-day intensive block learning program consisting of lectures, practical computer exercise, and group assessment items. On completing the unit, you will have a thorough understanding of the principles and techniques of cost-effectiveness analysis to conduct evaluations in health services.

PUZ019 Implementation Science - Theory and Application in Health

Equivalents	PUN019
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

To create innovative health services, translating evidence into practice requires an understanding of the factors that influence successful and timely implementation. In this unit, you will learn the theory of implementation science and develop knowledge and skills in implementing and embedding evidence-based practice in healthcare. The unit will be delivered using a blended-learning approach with a strong focus on practical exercises and collaboration with students, health services and decision makers. On completing the unit, you will be able to lead the design, delivery and evaluation

of a health service implementation project.

PUZ640 Health Care Delivery and Reform

Equivalents	PUN640
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The aim of this unit is for you to explore systems of health care both in Australia and internationally and the factors that influence the design and functioning of those systems so that you may contribute to the future development of health systems. The unit will use the Australian Health Care system as a case study but seek to draw from our examination of that system the concepts and analytical principles that may apply to all systems of health care. This unit introduces conceptual frameworks fundamental to the organization of health systems. Issues covered include the structure, operations, funding and evaluation of health systems and the evaluation of health system reform.

PVB101 Physics of the Very Large

Anti-requisites	EGB113, ENB130, PCB150
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces you to the physics that affects the universe on a large scale, stretching from the edge of the observable universe down to the Earth's atmosphere, and addresses the underlying physics of some of the big questions of our time, for example dark energy and global warming. The topics presented include gravity, special relativity, thermodynamics, and fluid mechanics and form a foundation for a degree in physics. Theory will be complemented by practical exercises.

PVB102 Physics of the Very Small

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point

- SEM-2

This unit introduces physics which affects the universe on a microscopic scale. The concepts and phenomena studied here, such as atomic and nuclear physics, physical optics and waves are fundamental to later studies. Theory will be complemented by practical exercises.

PVB200 Computational and Mathematical Physics

Pre-requisites	MXB100 or MZB125
Anti-requisites	MXB105
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Strong computational skills are important attributes of any physicist, whether working in research or industry, experimental or theoretical. This unit is designed to provide an introduction to computations in physics and build on your mathematical knowledge. It builds on prior maths study in Maths C or equivalent.

PVB202 Mathematical Methods in Physics

Pre-requisites	(PVB101 or EGB113) and (MXB100 or MZB125)
Anti-requisites	
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The development of mathematical skills is fundamental to understanding many of the advanced topics that a physicist might encounter. This unit continues on from Maths C to develop the mathematical techniques required of a physicist, and is applied to physical problems of the type that a physicist might encounter. It provides skills for ongoing study and scientific work as physicist.

PVB203 Experimental Physics

Pre-requisites	PVB101
Equivalents	PQB451
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point

Units

- SEM-1

Strong experimental design and execution skills are some of the most important attributes of any physicist, whether working in research or industry, experimental or theoretical. This unit aims to develop your skills in project planning, time management, experimental setup, and reporting. You will undertake several self-managed experiments along with supervised practicals using research equipment.

PVB204 Electromagnetism

Pre-requisites	PVB200 or MXB105 or MZB125
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Electromagnetism is one of the fundamental forces in the universe and is present in almost all aspects of modern technology. In this unit you will develop theoretical knowledge and understanding of electromagnetism from electric charge to more advanced topics such as electrostatics, Maxwell's equations, electromagnetic waves and applications such as waveguides. It will extend your mathematical knowledge and techniques from earlier units to explore and analyse these advanced physics concepts.

PVB210 Stellar Astrophysics

Equivalents	PQB460
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Astrophysics is the application of physics to the study of the heavens from above atmosphere to the furthest reaches of the universe. This unit is one of the units in the astrophysics minor and covers the essential aspects of stellar astrophysics and naturally follows on from PVB101, The physics of the very large. The unit covers the birth, life, death of stars and is a mix of theory and laboratory exercises. The laboratory exercises cover astrophysical topics relevant to everyday physics.

PVB220 Cosmology

Equivalents	PQB660
Credit Points	12
Campus	Gardens Point

Availabilities

Gardens Point
- SEM-2

Cosmology is the study of the universe as a whole including the origin and development of the universe. This unit is an introduction to modern cosmology and covers a wide range of topics related to cosmology, for example, general relativity, the Big Bang, the history of the universe from the Big Bang to now (inflation, nucleosynthesis, dark ages, surface of last scattering, origin and evolution of galaxies, cosmic microwave background radiation etc). The unit also explores the observational techniques of modern cosmology, for example, optical and radio galactic surveys, gravitational lensing, laser interferometry for detecting gravity waves. We will also explore the evidence for dark matter and dark energy. In the laboratory component of the unit you will gain experience in analysing original astrophysical data, for example measuring the red shift velocity of galaxies.

PVB301 Materials and Thermal Physics

Pre-requisites	PVB200 or MXB105 or PVB202
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides you with an overview of materials science and of the basic crystallographic and thermodynamic principles that describe the behaviour of solids and fluids. The three areas you will study in this unit, thermal physics, physical properties and the physics of solids are core concepts that underpin a physical science degree. This unit builds upon knowledge and skills obtained in PVB102 and PVB203 and it is a companion unit with PVB302 (Classical and Quantum Physics).

PVB302 Classical and Quantum Physics

Pre-requisites	PVB202 or PVB204
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Quantum mechanics is the last great conceptual hurdle for a physics graduate

to overcome in an undergraduate degree, irrespective of any bias towards the theoretical or experimental aspects. Counter-intuitive concepts such as quantum tunnelling are the cornerstone of many technological advances in recent times and other quantum mechanical concepts form the physical basis of the universe. The ability to find counter-intuitive solutions to problems when necessary is one of the attributes that sets physicists apart.

PVB303 Nuclear and Particle Physics

Pre-requisites	PVB302
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit examines the microscopic universe from the nucleus down to the fundamental particles and forces from which matter is built. Some current theories of particle physics will be introduced, along with applications of nuclear physics such as chain reactions and medical applications. Theory will be complemented with experimental laboratory work. The unit synthesises previous study in the course including mathematics and classical and quantum mechanics to develop advanced scientific experimental, communication and report writing skills.

PVB304 Physics Research

Pre-requisites	PVB301
Equivalents	PQB651
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This is the capstone unit for the physics major. It further develops your knowledge, skills and application for carrying out physics based research. The unit focuses on experimental design, practical skills, critical analysis and communication. It links to work previously undertaken earlier in the course.

PYB000 Psychology in Professional Contexts

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove

- SEM-1

PYB000 is a foundation unit for students enrolled in the Bachelor of Behavioural Science (Psychology) degree. This unit provides an introduction to the nature, scope, and application of psychological knowledge in diverse professional contexts, and considers the social, cultural and ethical, and multidisciplinary frameworks that shape psychological practice. This unit aims to develop your skills as an active and reflective learner, by explicitly linking the academic and generic skills you will develop throughout the course, with their application to psychological practice.

PYB007 Communication for Health Professionals

Anti-requisites	PYB074, HHB113, PYB111
Credit Points	12
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - SEM-1 Kelvin Grove - SEM-1, SEM-2

This introductory unit gives you the opportunity to build your knowledge of the factors that contribute towards effective communication and will help you develop core communication skills. While focusing on the allied health disciplines, the generic interpersonal processes and skills addressed in this unit are important building blocks for developing and maintaining successful professional and personal relationships. These foundation skills will aid with client communication, multidisciplinary team communication, clinical interviews, conceptualisation and assessment, mediation, and leadership, many of which you will be required to demonstrate later in your course.

PYB100 Foundation Psychology

Anti-requisites	PYB012
Equivalents	PYB101
Credit Points	12
Campus	Gardens Point and Kelvin Grove
Availabilities	Gardens Point - SEM-1 Kelvin Grove - SEM-1, SEM-2

The unit, and the companion unit PYB102, serve as a general introduction to behavioural science, including a census of the current disciplines in the

area. Topics covered in PYB100 will include child and adult development, social psychology, and an overview of the diagnosis and treatment of mental health problems.

PYB102 Introduction to Psychology 1b

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit introduces students to the basic biological and psychological processes underlying perception, memory, learning, problem solving, consciousness, and language. In addition, research participation experience is provided to the students.

PYB110 Psychological Research Methods

Equivalents	BSB123
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit includes the following: an overview of the purposes and strategies of research; elementary research design; operationalising variables; descriptive statistics; distributions; measures of central tendency and spread; standard scores and percentiles; understanding relationships between variables through correlation; an introduction to hypothesis-testing procedures using t-tests.

PYB159 Alcohol and Other Drug Studies

Anti-requisites	PYB158
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit aims to give students an understanding of the extent of substance abuse in our community: who uses what, where and when; the models that have been advanced for understanding substance abuse; the intervention and therapeutic models utilised within the field; the effects of substance abuse, physiologically, socially and psychologically.

PYB202 Social and Organisational Psychology

Pre-requisites	PYB100 or PYB102 or PYB101
Equivalents	PYB205
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

People are social beings. Their thoughts, feelings and actions are influenced by the real, imagined or implied presence of others. To obtain greater insight into people's behaviour, it is essential to investigate scientifically the relationship between the individual and the group. We will study the effects of the individual within the group and the group within the individual and also consider the influence of these processes in the organisational setting.

PYB203 Developmental Psychology

Pre-requisites	PYB012 or PYB101 or PYB102 or PYB100
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides an introduction to life span developmental psychology. The unit covers the major theories of life span development and includes biological, social and cognitive aspects of development from birth through to old age. It emphasises the interdependency of all aspects of development and the importance of the physical, family, socio-cultural and historical contexts within which development occurs. The unit aims to develop the student's understanding of general patterns of human development and of the ways in which the development of particular individuals and groups may vary from these general patterns.

PYB204 Perception and Cognition

Pre-requisites	(PYB100 or PYB101) and PYB102 and PYB110
Equivalents	PYB303
Credit Points	12
Campus	Kelvin Grove

Units

Availabilities

Kelvin Grove
- SEM-2

Cognitive psychology is a major empirical and theoretical area of psychology which explores the processes and structures involved at each stage of information processing within the brain. The structures and processes involved in perception provide the brain with its basic information about both the external world and many of the current states of the individual. Higher level cognitive processes and structures provide the foundation upon which more complex aspects of behaviour are based. The unit is placed in second semester of second year so that students following the normal course structure have an adequate background in research design and data analysis.

PYB208 Counselling Theory and Practice 1

Pre-requisites	PYB007 or PYB074 or HHB113 or SWB104 or PYB111 or PUB209
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit develops the student's knowledge of the counselling process and skills and provides practice in changing the ways in which people express, conceptualise and respond to their concerns. It builds upon the communication skills and concepts introduced in PYB007 and introduces a range of counselling approaches. It emphasises skills in solution oriented approaches but also covers a range of models and skills for workers in crisis situations. It provides a basis for further studies in counselling in clinical settings requiring psychotherapeutic intervention, and other modes of delivery such as couple, family or group work.

PYB210 Research Design and Data Analysis

Pre-requisites	PYB110
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

PYB210 is the second in a series of units exploring quantitative and qualitative approaches to research methods. Material covered in this intermediate unit will include essentials of laboratory and field research design, and

computer-assisted analysis of experimental research data.

PYB215 Forensic Psychology and the Law

Pre-requisites	PYB012, PYB101, PYB102 or PYB100 and Completion of 72cps
Anti-requisites	JSB174
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Forensic Psychology is readily acknowledged as one of the fastest growing areas of psychology in the world. Psychologists are now involved significantly in policing, judicial procedures and correctional processes. By its very nature the study of psychology and law draws from a wide multi-disciplinary base for the application of specialised knowledge. As a student of this discipline area, you will need a broad introductory appreciation of (and a critical perspective on) what the study of psychology and the law involves and what it has to offer across the three criminal justice domains of the police, the courts, and corrections.

PYB257 Group Work

Pre-requisites	PYB007 or PYB074 or HHB113 or PYB111
Anti-requisites	HHB214 and SWB214
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides the skills and content to plan, organise and facilitate group sessions. It applies Kolberg's inductive learning cycle to organise and facilitate group experiences. It develops intervention skills for managing group development, decision making and conflicts. Ethical issues in group practice are also examined.

PYB260 Psychopharmacology of Addictive Behaviour

Pre-requisites	PYB102
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove

- SEM-2

This unit aims to develop and extend your understanding of issues relating to behavioural pharmacology. This unit focuses predominantly on those substances that are commonly associated with addiction, including substances used in the treatment of addictive behaviours and mental illness. The context for learning about specific substances is built on an understanding of the principles of behavioural pharmacology (including a review of neurobiology and the pharmacokinetic effects of common substances) and related research methods.

PYB301 Psychology in the Community: Placement

Pre-requisites	PYB202 and PYB203 and PYB204 and PYB210
Anti-requisites	PYB207
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

The aim of this unit is enable you to develop your work-literacy and work-readiness, by providing opportunities to apply psychological knowledge in workplace contexts, supported by activities that promote critical reflection on your learning and workplace practices. Your participation in this unit requires you to establish, conduct, and complete an approved period of volunteer work or placement. You may be asked to produce a Blue Card (suitability for working with children and young people clearance) before commencing your work placement and it is therefore your responsibility to have obtained this clearance prior to commencing your placement.

PYB302 Advanced Social and Organisational Psychology

Pre-requisites	PYB205 or PYB202
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Psychology can serve an important role in the wider community in addressing social issues, and improving people's lives at work. This unit helps build your knowledge and skills in social and organisational psychology, helping you

Units

develop your capacity to use psychology to make positive changes in organisations and in society.

PYB304 Physiological Psychology

Pre-requisites	PYB102 or PYB101 or PYB100
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The unit serves as an advanced level unit, the last in a series of units examining biological bases of behaviour. Advanced topics spanning clinical neuropsychological investigation, research methods and functional neuroanatomy will be covered.

PYB306 Psychopathology

Pre-requisites	PYB012 or PYB101 or PYB102 or PYB100
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The unit offers a census of the principles of diagnosis and treatment of mental disorders. Students will learn the bases of the classification system and treatment approaches. This advanced unit consolidates material covered in previous units, and focusses on the application of evidence-based practice.

PYB307 Health Psychology

Pre-requisites	PYB100, PYB101 or PYB102
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit examines the psychological dimension of physical illness, health, and health care. There is a strong focus on health psychology in an Australian context with a focus on cross-cultural and Indigenous health-related issues. The unit examines definitions of health and health psychology; the role of health psychology; the determinants of health behaviours (e.g., cognitive, attitudinal, motivational, personality, social, developmental); community health; medical settings and

patient behaviour; patient and practitioner communication; stress, illness, and coping; chronic illness.

PYB309 Individual Differences and Assessment

Pre-requisites	PYB100 or PYB101 or PYB102
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

PYB309 introduces key principles of psychological assessment including reliability and validity, processes involved in scale construction, and to the appropriate and ethical use of assessment tools. Major theories that underpin explanations of individual differences such as intelligence and personality are covered as well as other elements of a person that influence differences such as gender, ethnicity, and religious beliefs. Assessment tools examined include major intelligence tests and personality inventories as well as specific measures for children, clinical populations, Indigenous Australians, and older adults.

PYB350 Advanced Statistical Analysis

Pre-requisites	PYB210
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The unit provides students considering further study in psychology with a thorough grounding in analysis of variance techniques, an introduction to multiple regression, and qualitative methods, analysis tools used in a broad range of research designs in the social sciences. The unit extends the introduction to these methods provided in PYB210, to more complex designs. The unit is both theoretical and practical (analysing data sets using the SPSS statistical package), giving students a firm understanding of the principles underlying each analysis.

PYB356 Counselling Theory and Practice 2

Pre-requisites	PYB208
Credit Points	12
Campus	Kelvin Grove

Availabilities	Kelvin Grove - SEM-1
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This unit focuses on the common facilitative factors within a counselling process paying attention to the person of the therapist and the counselling relationship. In order to respond appropriately and therapeutically to the needs of their clients, counsellors must have a clear understanding of the social and interactive processes which occur. Consideration of verbal, non-verbal, social, emotional, gender, psychological and social dimensions enables counsellors to develop effective, functional and client-focused relationships and to control biases, needs and possible exploitive practices.

PYB358 Advanced Developmental Psychology

Pre-requisites	PYB203
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit advances your understanding of major theories and methods in the study of human lifespan development, with a specific emphasis on development in childhood, adolescence and adulthood, including late adulthood. As a unit that focuses on the application of developmental theories and research it builds on the knowledge and skills you gained in PYB203 Developmental Psychology and prepares you for transition into professional life and/or fourth year and postgraduate studies in the area of educational and developmental psychology.

PYB359 Introduction to Family Therapy

Pre-requisites	PYB208
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Family therapy, based on a systemic or relationship understanding of human problems, has been one of the most significant influences in the fields of counselling and psychology in recent times. With the increasing emphasis on the family as a focus for social policy, support services, research, and intervention, it is important for counsellors and psychologists to have some familiarity with the basic concepts and skills of this broad approach. This unit

focuses on providing basic skills and concepts from one particular approach which will be called 'Constructive Therapy', combining aspects of solution-focused therapy, possibility therapy, narrative therapy and reflecting team practice.

PYB360 Interventions for Addictive Behaviours

Pre-requisites	PYB159 or PYB158 or PYB260 or NSB223 or NSB023 or NSB204
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Addictive behaviours, in the form of alcohol-dependence, substance abuse and gambling, are recognised as major problems nationally and internationally. This unit focuses predominantly on psychological aspects of addictive behaviours. To establish a framework for learning, classes initially review issues relating to psychological models of addiction and methods of studying addictive behaviours. Issues pertaining to the symptomatology, etiology and assessment of addictive behaviours, as well as the theoretical underpinnings of a range of therapeutic interventions are also discussed. This unit encourages critical thinking and analysis with the aim of enhancing students' understanding of the complex issues relating to management of addictive behaviours.

PYB372 Traffic Psychology and Behaviour

Pre-requisites	PYB100 - Foundation Psychology
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides students with the opportunity to apply psychological principles learned in their other psychology units to understand road user behaviour within the road safety context. It therefore builds upon the broad psychological principles learnt within your first year(s) of study. The content of this unit focuses on identifying and examining the factors that influence the behaviour of road users, particularly those that contribute to the incidence of road crashes or exacerbate their severity.

PYB374 Applying Traffic Psychology

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit is an elective unit within the Bachelor of Behavioural Science (Psychology). PYB374 explores the main psychology theories and research methods used in traffic psychology and how these theories and research methods are applied to understand risky driving behaviours. The main research methods explored in this unit include the use of: surveys/questionnaires and observations, physiological recordings (e.g., EEG, ECG, EOG, EMG, eye tracking, actigraphy), driving simulators, and in-vehicle assessments/instrumented vehicles (e.g., actigraphy, GPS, OBD2). The unit has a strong focus on the practical learning and critical analysis of research methodology used in traffic psychology as well as the interplay of psychological theories and research methodology with the assessment of road user behaviours.

PYH400 Thesis

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

The thesis component of the honours program comprises four 12 credit point units leading to the submission of a 48 credit point research thesis. PYH400-1 is the first unit in this sequence of thesis units. The thesis units provide an opportunity for you to extend, synthesise and apply the knowledge gained in your undergraduate degree and other units within the course. You will undertake a research project with the guidance of a supervisor that makes an original contribution to knowledge in the broad discipline of psychology, using either quantitative or qualitative methods of analysis. This research is reported in a written thesis submitted at the completion of the thesis units. Assessment of the thesis is in accordance with University assessment procedures.

PYH400 Thesis

Pre-requisites	PYH401
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1,

SEM-2

The thesis component of the honours program comprises four 12 credit point units leading to the submission of a 48 credit point research thesis. The thesis units provide an opportunity for you to extend, synthesise and apply the knowledge gained in your undergraduate degree and other units within the course. You will undertake a research project with the guidance of a supervisor that makes an original contribution to knowledge in the broad discipline of psychology, using either quantitative or qualitative methods of analysis. This research is reported in a written thesis submitted at the completion of the thesis units. Assessment of the thesis is in accordance with University assessment procedures.

PYH400 Thesis

Pre-requisites	PYH401. PHY401 can be studied in the same teaching period as PYH400-2
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

The thesis component of the honours program comprises four 12 credit point units leading to the submission of a 48 credit point research thesis. The thesis units provide an opportunity for you to extend, synthesise and apply the knowledge gained in your undergraduate degree and other units within the course. You will undertake a research project with the guidance of a supervisor that makes an original contribution to knowledge in the broad discipline of psychology, using either quantitative or qualitative methods of analysis. This research is reported in a written thesis submitted at the completion of the thesis units. Assessment of the thesis is in accordance with University assessment procedures.

PYH400 Thesis

Pre-requisites	PYH401
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

The thesis component of the honours program comprises four 12 credit point units leading to the submission of a 48 credit point research thesis. The thesis units provide an opportunity for you to extend, synthesise and apply the knowledge gained in your undergraduate

degree and other units within the course. You will undertake a research project with the guidance of a supervisor that makes an original contribution to knowledge in the broad discipline of psychology, using either quantitative or qualitative methods of analysis. This research is reported in a written thesis submitted at the completion of the thesis units. Assessment of the thesis is in accordance with University assessment procedures.

PYH401 Advanced Research Methods

Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1 External - SEM-1

This unit provides you with an opportunity to develop skills in the application of multivariate statistics to specific research problems. The unit will give you, hands on experience in entering, cleaning, analysing and interpreting data using SPSS as well guiding you through the logic of these procedures.

PYH402 Counselling Psychology

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

As one of the advanced electives in the 4th year psychology program, this unit provides an opportunity to engage in critical analysis, comparison, and evaluation of selected counselling orientations (for example, Solution-focused therapy, Narrative therapy, Cognitive-behavioural therapy, Psychodynamic therapy). Through experiential lectures and workshops the unit provides you with the opportunity to critically evaluate and apply distinct counselling orientations.

PYH403 Cognitive Neuropsychology

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is one of four advanced electives in this course and provides you with the opportunity to gain an understanding of cognitive and neuropsychology building

on from foundational units in these areas. The three broad areas of neuroanatomy, neuropathology, and the cognitive analysis of resulting deficits will be covered in this unit. Both the clinical and cognitive approaches in the field will be discussed in line with implications for research and clinical practice.

PYH404 Issues in Social Developmental Psychology

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

As one of the advanced electives in the honours program, this unit is designed to extend students understanding of developmental issues across the lifespan with the special emphasis on the socio-cultural context in which development occurs including indigenous and cross cultural perspectives. Students gain knowledge of key theories and perspectives that explain how human development impacts and is impacted upon by their socio-cultural context and learn to appreciate the many interdependent factors that contribute to human development across the lifespan.

PYH407 Research and Professional Development Seminar

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This capstone unit is designed to develop and extend your understanding and critical evaluation of research and practice issues in psychology. The unit is also designed to enhance your understanding of career paths and professional issues in the broad discipline of psychology.

PYN000 Counselling Studies 1

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides the student with an initial overview of the field of counselling, before focusing on the theory and practice of one contemporary perspective called 'Constructive' or 'Time-Effective' Therapy. It is an approach based largely in social constructionist principles and promotes a view of counselling as a

unique conversational process which attempts to validate the client's experience, while pursuing possibilities for desired change. It also suggests a time-effective perspective, emphasising the possibility of working briefly and effectively with clients. Selected ideas and practices from several related approaches including solution focused therapy, collaborative conversational therapy, possibility therapy and narrative therapy will be integrated.

PYN001 Professional Studies 1

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This is an introduction to the professional study of counselling and the 'common factors' present in most counselling approaches. These factors, which include the working relationship, the focus on client resources, and the instillation of hope, contribute greatly to the counselling outcome. In order to respond appropriately and therapeutically to the needs of their clients, counsellors must have a clear understanding of the social and interactive processes that occur in counselling. Verbal, nonverbal, social, emotional, gender, psychological, ethical and cultural dimensions are all present in the counselling process. Consideration of these dimensions enables counsellors to develop effective, functional and client-focused relationships.

PYN002 Counselling Studies 2

Pre-requisites	PYN000
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The development of various counselling and psychotherapeutic paradigms and their related models of theory and practice will be considered in the light of the cultural contexts that informed them. The evolution of approaches over time will be reviewed in terms of ideas about the social construction of knowledges and the way they are embedded into cultural processes. The evolution of the brief, post-modern approaches focussed on in other units will be examined and links made to previous therapeutic traditions. Critical analysis will be applied to the possibility of engaging in integrative therapeutic practices.

PYN003 Group Studies

Pre-requisites	PYN001
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides the development of skills and approaches in organising and facilitating group work, in the context of personal support and therapeutic groups. It addresses the following: establishing group norms; facilitating stages of group development; responding to member behaviour and developing facilitator interventions; planning, implementing and evaluating ethical group work practices; dealing with defensiveness and hidden agendas; applying brief solutions-focused and reflecting team processes to groups; examining the motion of the therapeutic milieu.

PYN004 Counselling Studies 3

Pre-requisites	PYN000. PYN000 may be enrolled in the same teaching period as PYN004
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit focuses on relationship counselling. It explores the history and development of systemic family therapy and couple work. It examines the potential of a constructive approach and orientation to working with relationships and relationship issues in therapy. Students will choose a specific issue or area of relationship counselling and, working in small groups, present a workshop for fellow class members which demonstrates the use (or adaption) of a constructive therapy approach.

PYN006 Professional Studies 2

Pre-requisites	PYN001
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides an experiential introduction to the process of professional supervision. Supervision processes, roles, responsibilities, content, approaches and theories are reviewed. Professional issues commonly addressed in supervision such as power, gender, culture, consent, duty of care, etc are reviewed.

PYN007 Professional Studies 3

Pre-requisites	PYN006
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides an experiential introduction to the process of providing supervision to counsellors. Supervision processes, roles, responsibilities, content, approaches and theories are reviewed.

PYN008 Project

Pre-requisites	PYN014 and PYN008-1
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

You will undertake an individual clinical project of theoretical and/or practice-based research/enquiry in a selected area of counselling. The project is supervised by a member of the teaching staff and regular consultation informs the development of the project. Both reflective and academic papers will be written as part of the assessment of the project. You will be required to work in the Counselling and Family Therapy Clinic on a weekly basis in order to accumulate client contact hours and achieve project requirements. Together, PYN008-1, PYN008-2 and PYN008-3 comprise a 36 credit point unit that can be studied over two semesters. Assessment items are submitted and a grade awarded for each sub-unit.

PYN008 Project

Pre-requisites	PYN006
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

You will undertake an individual clinical project of theoretical and/or practice-based research/enquiry in a selected area of counselling. The project is supervised by a member of the teaching staff and regular consultation informs the development of the project. Both reflective and academic papers will be written as part of the assessment of the project. You will be required to work in the Counselling and Family Therapy Clinic on a weekly basis in order to

achieve project requirements. Together, PYN008-1, PYN008-2 and PYN008-3 comprise a 36 credit point unit that can be studied over two semesters. Assessment items are submitted and a grade awarded for each sub-unit.

PYN008 Project

Pre-requisites	PYN014 and PYN008-1
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

You will undertake an individual clinical project of theoretical and/or practice-based research/enquiry in a selected area of counselling. The project is supervised by a member of the teaching staff and regular consultation informs the development of the project. Both reflective and academic papers will be written as part of the assessment of the project. You will be required to work in the Counselling and Family Therapy Clinic on a weekly basis in order to achieve project requirements. Together, PYN008-1, PYN008-2 and PYN008-3 comprise a 36 credit point unit that can be studied over two semesters. Assessment items are submitted and a grade awarded for each sub-unit.

PYN013 Advanced Counselling Studies

Pre-requisites	PYN002
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit is designed to allow students to build on the development of their counselling skills as they pertain to particular client populations or client presenting issues. Various specialist fields of counselling are reviewed and guest lecturers share practice experience.

PYN014 Research for Counselling Practice

Pre-requisites	PYN000
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit aims to prepare students for the reflecting team counselling practice and associated individual project work in the

Units

Family Therapy and Counselling Clinic. The unit also prepares students for applied counselling project work in professional practice settings. Students are assisted to use the outcome of current research findings and publications to inform and assist their clinical practice.

PYN024 Research Thesis 4

Pre-requisites	PYN023 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

To ensure high quality practice, psychologists working in the area of clinical psychology are continually required to reflect upon and modify their own practice to incorporate knowledge of the most recent research evidence. This requires clinical psychologists to have advanced skills in the critical evaluation, interpretation and application of research. The research thesis provides advanced skill development in these areas. The aim of the research thesis unit is to provide you with the opportunity to develop high-level skills in the evaluation, interpretation and application of research. It will also enable you to undertake in-depth research in a specialised area of psychology and to make a contribution to the professional literature in clinical psychology.

PYN025 Clinical Psychological Interventions 1

Co-requisites	PYN028
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The broad aim of this unit is to cover fundamental aspects of psychological change with adults and children and to introduce you to the theoretical orientation and practical skills involved in cognitive-behaviour therapy. An associated aim is to integrate theory, research and practice, and to encourage students to articulate the link between these areas.

PYN027 Clinical Psychological Assessment

Co-requisites	PYN035
Credit Points	12
Campus	Kelvin Grove

Availabilities	Kelvin Grove - SEM-1
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This unit is designed to build on undergraduate training in psychological assessment. The understanding of theoretical perspective in psychological assessment is reinforced. A range of assessment techniques and tests, supported by research, are taught. The unit will explore some of the contextual issues which may have an impact upon the clinical assessment of Indigenous Australians, and outline some important principles of culturally safe clinical assessment. Further, you will also learn the ethical and legal issues involved in psychological assessment.

PYN028 Clinical Psychopathology

Co-requisites	PYN025
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides the student with a foundation and critical awareness of the development and phenomenology of psychological disorders. The unit undertakes a systematic study of the mechanisms and etiology of psychological disorders in individuals across the lifespan.

PYN030 Professional Practice in Clinical Psychology

Co-requisites	PYN044
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Clinical psychology practice involves a unique process which requires an understanding of special roles, power relationships, boundaries and ethical principles in order to safeguard client rights. This unit presents an overview of ethical, legal and professional issues encountered in practice, and also emphasises the role of supervision in addressing these.

PYN034 Childhood Psychopathology and Treatment

Pre-requisites	(PYN025 and PYN027 and PYN028) or ((EUN601 or LCN625) and (EUN603 or LCN627) and PYN601)
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Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides you with a sound understanding of the aetiology, diagnosis and management of emotional and behavioural disorders in children. Emphasis is placed on understanding the child within the context of the family and the wider community, and the critical evaluation of the evidence for different strategies for assessing and managing the mental health needs of children and their families.

PYN035 Supervised Practicum Stage 1

Co-requisites	PYN027
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides students with the opportunity to develop foundational clinical skills in assessment, diagnostic, formulation, treatment planning and managing process issues. The "Supervised Practicum 1" consists of 250 hours of psychological practice at the QUT Psychology Clinic. These overall hours include supervision (a general expectation is 60 hours) and direct face to face contact with clients (at least 60 hours). You must allocate sufficient time for undertaking the supervised practicum (approximately 12 hours per week).

PYN036 Supervised Practicum Stage 2

Pre-requisites	PYN025 and PYN027 and PYN028 and PYN035
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides students with the opportunity to build on PYN035 and to develop psychodiagnostic assessment and clinical skills. Students undertake 250 hours of psychological practice including at least 100 hours of direct client contact in the QUT Psychology Clinic.

PYN037 Supervised Practicum Stage 3

Pre-requisites	PYN030 and PYN036
Co-requisites	PYN045
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This core unit of the Master of Clinical Psychology course is intended to provide students with the opportunity to further develop clinical assessment, diagnostic, intervention and professional skills learnt in the coursework and internships. The PYN037 placement will be within a professional agency that provides psychological services, where you will be required to work as a provisional psychologist.

PYN038 Supervised Practicum Stage 4

Pre-requisites	PYN037
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This core unit of the Master of Clinical Psychology course is intended to provide you with an opportunity to further develop clinical assessment, diagnostic, intervention and professional skills. This unit builds on your learning from the PY18 coursework and internship units and PYN037. The PYN038 placement will engage you in advanced level work integrated learning as a provisional psychologist within a professional agency that provides psychological services.

PYN039 Health Psychology and Rehabilitation

Pre-requisites	PYN025 and PYN028 and PYN035
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit develops core skills and understanding in health psychology and rehabilitation within an applied psychology context. It includes modules in health psychology, behavioural medicine and rehabilitation. An integrated and scientific approach with the

recognition of the importance of an evidence based perspective is used to explore the application of the principles in clinical situations.

PYN041 Supervised Practicum Stage 5

Pre-requisites	PYN038
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit aims to enhance professional knowledge and skills in the practice of clinical psychology, awareness of ethical guidelines and professional conduct through supervised clinical practice (250 hours including 120 hours of direct client contact) within an area of specialisation.

PYN042 Supervised Practicum Stage 6

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit aims to enhance professional knowledge and skills in the practice of clinical psychology, awareness of ethical guidelines and professional conduct through supervised clinical practice (250 hours including 120 hours of direct client contact) within an area of specialisation

PYN044 Clinical Psychological Interventions 2

Pre-requisites	PYN025
Co-requisites	PYN030
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The broad aim of this unit is to cover fundamental aspects of psychological change with adults and to introduce you to the theoretical orientation and practical skills involved in brief psychodynamic therapy. An associated aim is to integrate theory, research and practice, and to encourage students to articulate the link between these areas.

PYN045 Clinical Psychological Interventions 3

Pre-requisites	PYN044
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Co-requisites	PYN037
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This core unit covers the theories and skills of systemic, interpersonal (IPT), narrative and solution-focused approaches required for relationship therapy and family therapy. The unit has a practical emphasis on common child-focused and adult-focused problems. The unit will examine the implications of each of the approaches from an evidence-based practice perspective.

PYN052 Research Thesis 4

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

PYN052 has 8 parts completed over years 2 and 3 full-time or years 3 to 6 part-time of the course. Students undertake in-depth research on a topic in clinical psychology and develop high-level skills in the evaluation, interpretation and application of research. They are required to submit a thesis or a 5,000 word literature review plus two prepared articles that report the research in a form that can be submitted for publication in an appropriate scholarly journal.

PYN052 Research Thesis 5

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

PYN052 has 8 parts completed over years 2 and 3 full-time or years 3 to 6 part-time of the course. Students undertake in-depth research on a topic in clinical psychology and develop high-level skills in the evaluation, interpretation and application of research. They are required to submit a thesis or a 5,000 word literature review plus two prepared articles that report the research in a form that can be submitted for publication in an appropriate scholarly journal.

PYN052 Research Thesis 6

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1,

SEM-2

PYN052 has 8 parts completed over years 2 and 3 full-time or years 3 to 6 part-time of the course. Students undertake in-depth research on a topic in clinical psychology and develop high-level skills in the evaluation, interpretation and application of research. They are required to submit a thesis or a 5,000 word literature review plus two prepared articles that report the research in a form that can be submitted for publication in an appropriate scholarly journal.

PYN052 Research Thesis 8

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

PYN052 has 8 parts completed over years 2 and 3 full-time or years 3 to 6 part-time of the course. Students undertake in-depth research on a topic in clinical psychology and develop high-level skills in the evaluation, interpretation and application of research. They are required to submit a thesis or a 5,000 word literature review plus two prepared articles that report the research in a form that can be submitted for publication in an appropriate scholarly journal.

PYN052 Research Thesis 7

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

PYN052 has 8 parts completed over years 2 and 3 full-time or years 3 to 6 part-time of the course. Students undertake in-depth research on a topic in clinical psychology and develop high-level skills in the evaluation, interpretation and application of research. They are required to submit a thesis or a 5,000 word literature review plus two prepared articles that report the research in a form that can be submitted for publication in an appropriate scholarly journal.

PYN052 Research Thesis 3

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

PYN052 has 8 parts completed over years 2 and 3 full-time or years 3 to 6 part-time of the course. Students

undertake in-depth research on a topic in clinical psychology and develop high-level skills in the evaluation, interpretation and application of research. They are required to submit a thesis or a 5,000 word literature review plus two prepared articles that report the research in a form that can be submitted for publication in an appropriate scholarly journal.

PYN601 Counselling and Consultation in Educational and Developmental Psychology

Pre-requisites	PYN631 or EDN631. PYN631 can be studied in the same teaching period as PYN601
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Advanced skills in counselling and consultation are required as a core competency of educational and developmental psychologists who work both directly with children, adolescents and families, and also more indirectly with groups, organisations and communities. Their roles vary from counselling individual children and supporting families, to advising teachers and becoming agents of change within organisations and communities. This unit provides students with the knowledge and skills necessary for developing effective counselling relationships with children, adolescents, adults and families and for working as consultants to various groups and systems within educational and developmental settings.

PYN603 Professional Practice in Educational and Developmental Psychology

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The practice of psychology requires an understanding of special roles, power relationships, boundaries and ethical principles in order to safeguard client rights. It requires skills in working with individuals and groups from diverse backgrounds, including those from other cultural groups. An understanding of legal issues and relevant legislation and standards is also essential in professional practice.

PYN606 Applied Developmental Psychology

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

In order to provide effective approaches to the developmental challenges facing individuals and families at all points along the life course, educational and developmental psychologists need skills for describing, explaining, assessing, intervening and collaborating in the promotion of optimum developmental outcomes. These skills are developed in this unit.

PYN610 Research Thesis 4

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

To ensure high quality practice, psychologists working in the area of educational and developmental psychology are continually required to monitor and modify their own practice to incorporate knowledge of the most recent research, assessment tools and interventions. This requires educational and developmental psychologists to have advanced skills in the critical evaluation, interpretation and application of research. The research thesis provides advanced skill development in these areas.

PYN610 Research Thesis 3

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

To ensure high quality practice, psychologists working in the area of educational and developmental psychology are continually required to monitor and modify their own practice to incorporate knowledge of the most recent research, assessment tools and interventions. This requires educational and developmental psychologists to have advanced skills in the critical evaluation, interpretation and application of research. The research thesis provides advanced skill development in these areas.

PYN610 Research Thesis 2

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

To ensure high quality practice, psychologists working in the area of educational and developmental psychology are continually required to monitor and modify their own practice to incorporate knowledge of the most recent research, assessment tools and interventions. This requires educational and developmental psychologists to have advanced skills in the critical evaluation, interpretation and application of research. The research thesis provides advanced skill development in these areas.

PYN631 Supervised Practicum 1

Pre-requisites	(PYN601 or EUN601 or LCN625) and (EUN602 or LCN626). These units can be studied in the same teaching period as PYN631.
Equivalent s	EDN631
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

The aim is to provide you with a basic level of professional knowledge and skills in the practice of Educational and Development psychology and an awareness of ethical guidelines. You will also develop a high standard of professional conduct through supervised practice.

PYN632 Supervised Practicum 2

Pre-requisites	(PYN631 or EDN631) and (EUN601 or LCN625) and (EUN602 or LCN626) and (EUN603 or LCN627) and PYN601. EUN603 can be studied in the same teaching period as PYN632.
Equivalent s	EDN632
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This units aims to provide you with supervised experience in applying diagnostic, assessment and intervention skills in clinic and educational settings. This unit will also develop your written and oral communication skills and provide you with practice in using these skills to communicate results of assessments and recommendations for interventions to school staff, parents and other stakeholders.

PYN633 Supervised Practicum 3

Pre-requisites	PYN632 or EDN632
Equivalents	EDN633
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

The unit provides you with supervised experience in applying your diagnostic, assessment and intervention skills within non-educational settings. It will further develop your written and oral communication skills, and provide you with practice in using these skills to communicate results of assessments and intervention strategies within teams from non-educational settings.

PYN634 Supervised Practicum 4

Pre-requisites	PYN633 or EDN633
Equivalents	EDN634
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit aims to provide you with support in ensuring that you have attained the level of knowledge and skill required to meet the competencies of the Psychologists Board of Queensland.

QCD110 Academic Communication 1

Anti-requisites	QCD111, QCD120
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3, SEM-2

Academic Communication 1 is a

designated unit for Diploma and University Certificate in Tertiary Preparation for Undergraduate Studies students. The unit provides foundation knowledge and understanding of academic literacies required for undergraduate studies in an Australian higher education context. Academic Communication 1 supports learning and success within your discipline specific units which you are studying concurrently. The unit works towards preparing you to enter your chosen QUT undergraduate program.

QCD111 Communication 1

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP3, SEM-2

A high level of English communication skills is essential for success in an Australian higher education context. This unit is designed to give students a stronger grounding in, and understanding of the learning process. It will develop English communication skills (reading, writing, listening and speaking). Students will also learn skills for carrying out scholarly research, and communicating it in written and spoken form in an academic context.

QCD210 Academic Communication 2

Anti-requisites	
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3, SEM-2

Academic Communication 2 is a designated unit for Diploma and University Certificate in Tertiary Preparation for Undergraduate Studies students. The unit provides the knowledge and understanding of academic literacies required for undergraduate studies in an Australian higher education context. Academic Communication 2 supports learning and success within your discipline specific units, which you are studying concurrently. The unit works towards preparing you to enter your chosen QUT undergraduate program in its second year.

QCD211 Communication 2

Pre-requisites	QCD111. QCD111 can be studied in the same teaching period as QCD211
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP3, SEM-2

Knowledge and understanding of academic genres are essential for success, particularly in a higher education context. International students will encounter new genres in an Australian higher education context. Not only will they need to become competent users of these genres to succeed in their postgraduate degrees, they may also need to adapt to different learning and teaching styles. This unit aims to explore different academic genres through the content of communication theory to enhance international students' competency in the use of these genres. It will provide opportunities for students to gain knowledge and understanding of common academic genres in an Australian university context to enhance their competency in terms of their use of these genres.

QCD310 Communication for the Health Professions

Pre-requisites	QCD210
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

This unit has been designed specifically for international students progressing into health-related courses requiring higher English Language proficiency outcomes. The unit takes into consideration the academic and discipline demands that you will experience in your undergraduate degree course and seeks to prepare you for these challenging contexts. It will extend your academic language proficiency by including linguistic, cognitive and sociocultural knowledge

QCE001 English for Academic Purposes 1

Credit Points	48
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 12TP1, 12TP1, 12TP2, 12TP3

This unit is designed to improve students' academic English and study skills in order to prepare them for further studies at QUT International College. Upon successful completion of EAP 1, students will gain entry into QUTIC courses including EAP 2 (currently called EAP Direct Entry) or 2 semester Foundation or Diploma Programs.

QCE003 English for Academic Purposes 2

Credit Points	48
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 12TP1, 12TP2, 12TP3

this unit provides assistance to international students to upgrade your English proficiency level to meet university entry requirements for QUT Degree and Post-Graduate programs. The aims of the EAP unit are to: (a) assist you to upgrade your English proficiency level in speaking, listening, reading and writing to meet university entry requirements. (b) prepare you for independent study and to familiarise you with an Australian academic context.

QCE004 EAP for Entry to QUTIC Courses

Credit Points	48
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 12TP1, 12TP1, 12TP2, 12TP3

QCE007 English for Academic Purposes 3

Credit Points	48
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 12TP1, 12TP3

This course is designed for International Students intending to gain entry into QUT degree programs with a requirement of overall IELTS 7.0 (with no sub-scores lower than 6.5). Its purpose is to improve students' academic English and study skills in order to prepare them for independent study and to familiarise them with the Australian academic environment and student/lecturer relations and expectations.

QCF100 Computing

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

The use of computers is prevalent in Australian universities for every study area. International students need to develop computing skills such as word processing, presentations and spreadsheets in order to access, organise and present information both within QUT and in the wider learning environment. This unit will provide students with the necessary computing skills for successful completion of undergraduate studies in an Australian university.

QCF112 Academic English 1

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

International students require the necessary preparation to ensure that they enter first year Australian higher education contexts, they are familiar with the skills and strategies they will need across their units of study. Academic English 1 is an introductory preparatory unit which focuses on the development of academic literacy skills and English language proficiency to enhance international students' success within an Australian higher education context.

QCF115 Foundation English

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

In this unit students will develop the four macro English language skills: reading, writing, speaking and listening, through a variety of active learning tasks and experiences. The unit will provide students with skills to explore and use the English language in different contexts and prepare you to undertake further studies.

QCF130 Accounting

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

Units

This unit is designed for students with little or no prior exposure to accounting. Its objective is to acquaint the student with the basic concepts underlying double entry accounting, enabling them to employ accounting techniques to process financial transactions from source documents through to end of period reports for a sole-trading entity. As well preparation of cash budgets and analysing and interpreting the financial reports using financial ratios and other measures will be considered from a management perspective.

QCF140 Economics

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

This unit introduces students to fundamental microeconomic and macroeconomic concepts, enabling an understanding of decision-making in the context of consumers, businesses, markets and governments. It provides students with experience of problem-solving from an economic perspective and builds on knowledge, skills and applications that will help them with their other studies.

QCF153 Physical Sciences

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

The physical sciences are the enabling sciences that underpin all of the 'new technologies'. Almost all areas of science and technology require a fundamental understanding of chemistry and physics. This unit is designed as an introductory unit for students who then can elect to take either Chemistry and/or Physics in second semester. Physical Sciences provide a solid foundation in both chemistry and physics upon which further knowledge can be built. The aim of this unit is to: foster an understanding of fundamental concepts in some topics within the broad area of physical sciences develop an attitude of open inquiry and an appreciation of scientific methodology

QCF155 Practical Mathematics

Credit Points	12
Campus	Kelvin Grove

Availabilities

Kelvin Grove
- 13TP1, 13TP2, 13TP3

This unit focuses on basic arithmetic skills, percentage calculations, working with ratios and proportion, geometry, graphing, basic statistics and fundamental financial mathematical calculations with an emphasis on real-world applications and contexts.

QCF156 Mathematics A1

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

To be an effective professional in a wide range of areas such as engineering, science, information technology, health and business, an appropriate level of mathematical competence is essential. In our own personal lives, a basic knowledge of topics such as statistics, probability, measurement and financial mathematics is also beneficial. This unit aims to give students a basic knowledge and the fundamental skills of arithmetic, statistics, probability, measurement and financial mathematics. This unit also aims to develop students ability to apply these concepts in solving problems.

QCF157 Mathematics B1

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

To be an effective professional in a wide range of areas, such as engineering, science, information technology, health, accounting, economics and business, an appropriate level of mathematical competence is essential. In our own personal lives, a basic knowledge of topics, such as statistics, probability, measurement and financial maths is also beneficial. This unit aims to give students a basic knowledge and the fundamental skills of algebra, statistics, probability, functions and trigonometry. This unit also aims to develop students' ability to be able to apply these concepts in solving problems. This unit provides students with a foundation for further study in calculus, trigonometry and statistics.

QCF160 Introduction to Creativity

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

There is increasing recognition of the importance of creativity to all aspects of society. This unit provides opportunities to analyse and evaluate creative applications, ideas and concepts and to understand the creative processes involved in their development and production. Completion of this unit will assist in the learning of language, key terms and concepts related to creativity, with reference to creative applications and the creative industries. The aim of this unit is to provide a broad understanding of the nature of creativity and the processes involved for a person to be creative.

QCF200 Australian Studies

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3, 6TP6

An understanding and appreciation of contemporary Australian society is essential for international students wishing to progress to degree studies at an Australian university. In this unit, students undertake a directed exploration of contemporary Australian society, with a focus on critical historical events, current issues and social and cultural norms. Students are encouraged to develop their own analyses of contemporary Australia with reference to various academic and non-academic sources as well as personal experience.

QCF212 Academic English 2

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3, 6TP6

Academic English 2 is designed to provide international students with the necessary academic literacy skills to successfully transition to first year undergraduate studies. You will be introduced to a variety of spoken and written genres and language. The aim of this unit is to provide opportunities for students to practice, develop and apply academic literacy skills in context.

QCF222 Organisations and Management

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

This unit is designed to develop understanding of the significant role that organisations play in many facets of our lives, how organisations function and what is involved in working in organisations. The emphasis is on skills that are needed at all levels and in all areas of an organisation. Students will develop a range of skills that are required by the individual to function effectively in teams and in an organisation. The aim of this unit is to introduce students to the fundamentals of organisations and management, providing a clear understanding of systems, procedures and practices and ways for employees to operate effectively in an organisation.

QCF230 Information Processing

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

This unit is designed to meet the general needs of students who will need to design ways to input, validate, process and display information. It is intended to develop students' knowledge and application of boolean logic, fundamentals for designing and developing small Java and MS Access database applications. The aim of this unit is to introduce students to the principles of interface design and data validation and develop students' skills in applying these concepts to programming and database applications.

QCF252 Biology

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

The aim of this unit is to provide learning experiences from a number of different biological disciplines (histology, anatomy, physiology) in order to develop a broad understanding and appreciation of the living world.

QCF254 Physics

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

Physics is one of the enabling sciences that underpin all of the 'new technologies'. Almost all areas of science and technology require a fundamental understanding of physics. Physics is relevant to students who intend to pursue further studies in a variety of disciplines including, engineering, health sciences and applied sciences. The aim of this unit is to foster an understanding of fundamental concepts of physics and to develop an attitude of open inquiry and an appreciation of scientific methodology. This includes developing problem solving skills, team skills, research and communication skills within a scientific context

QCF255 Chemistry

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

The language and basic concepts of chemistry together with the associated skills of chemical analysis and experimentation are relevant to future studies in many fields, particularly engineering, applied sciences and health sciences. The aim of this subject is to provide students with an understanding of fundamental concepts of chemistry and to develop problem solving skills in a scientific context.

QCF256 Mathematics A2

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

To be an effective professional in a wide range of fields, an appropriate level of mathematical competence is essential. In our own personal lives a basic knowledge of topics such as statistics, probability, measurement and financial maths is also beneficial. This unit aims to give students a basic knowledge and the fundamental applications of algebra as well as an intermediate knowledge and understanding of the concepts involved in

statistics and financial mathematics which will equip them well for their further studies at faculty level. This unit also aims to further develop the student's ability to apply these concepts in solving problems in real life situations.

QCF257 Mathematics B2

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP1, 13TP2, 13TP2, 13TP3

To be an effective professional in a wide range of areas, such as engineering, science, information technology, health, accounting, economics and business, an appropriate level of mathematical competence is essential. In our own personal lives, a basic knowledge of topics, such as statistics, probability and financial mathematics, is also beneficial. This unit aims to give students a sound knowledge and understanding of the concepts involved in calculus, trigonometry, statistics and financial mathematics which will equip them well for their further studies at faculty level. This unit also aims to further develop the students' ability to be able to apply these concepts in solving problems.

QCF260 Professional Studies

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

This unit is designed to provide international students with an understanding of creative thinking and problem solving tools and models. The unit recognises that creative thinking is increasingly recognized as a key success factor in business, industry and education. The unit introduces ways of working in groups that are applicable to any field of study or industry sector. Students will work in a team environment using creative process frameworks to inform the development of a creative product or outcome. The aim of this unit is to enable students to develop skills in creative thinking and problem solving as an individual and as part of a group.

QCF270 International Perspectives

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP2, 13TP3

International students benefit greatly from consideration of a range of cultural, economic, environmental and political matters that impact on them as individuals and global citizens. These issues or challenges are intended to develop international students' cross-cultural awareness in an increasingly global society. The aim of this unit is to introduce international students to an understanding of the complexities of globalisation and its effects on a range of different cultures. At the end of the unit students should have a solid understanding of the challenges facing the global community and be able to express their point of view in an informed manner.

QCS230 Computing

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP3, SEM-2

It is important when studying at university to have the computing skills necessary for accessing, organising and presenting information and knowledge of the university computing facilities, services, procedures and culture. As these skills are needed at the beginning of university study, this is an introductory subject encompassing Windows, Office, Word, Excel and PowerPoint to provide students with these skills. The aim of this unit is to provide students with the basic computing skills for successful completion of their university study.

QCS300 Introduction to the Language of Research

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 13TP1, 13TP3, SEM-2

International students studying at a postgraduate level need a grounding in research processes that includes the ability to critically engage with research on a range of issues. In particular, this unit focusses on an introduction to language that relates to quantitative and

qualitative research common to a range of disciplines. In addition, the centrality of research ethics and academic integrity to research is highlighted. Successful completion of this unit provides students with the foundations needed to progress at the postgraduate level.

QEN001 General English

Credit Points	20
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 5TP1, 5TP2, 5TP3, 5TP4, 5TP5, 5TP6, 5TP7, 5TP8, 5TP9

QEN002 General English

Credit Points	20
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 5TP1, 5TP2, 5TP3, 5TP4, 5TP5, 5TP6, 5TP7, 5TP8, 5TP9

QEN003 General English

Credit Points	20
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 5TP1, 5TP2, 5TP3, 5TP4, 5TP5, 5TP6, 5TP7, 5TP8, 5TP9

QEN004 General English

Credit Points	20
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 5TP1, 5TP2, 5TP3, 5TP4, 5TP5, 5TP6, 5TP7, 5TP8, 5TP9

QEN005 General English

Credit Points	20
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 5TP1, 5TP2, 5TP3, 5TP4, 5TP5, 5TP6, 5TP7, 5TP8, 5TP9

QEN006 General English

Credit Points	20
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 5TP1, 5TP2, 5TP3, 5TP4, 5TP5, 5TP6, 5TP7, 5TP8, 5TP9

QEN007 General English

Credit Points	20
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 5TP1, 5TP2, 5TP3, 5TP4, 5TP5, 5TP6, 5TP7, 5TP8, 5TP9

QEN008 General English

Credit Points	20
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 5TP1, 5TP2, 5TP3, 5TP4, 5TP5, 5TP6, 5TP7, 5TP8, 5TP9

QEN009 General English

Credit Points	20
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 5TP1, 5TP2, 5TP3, 5TP4, 5TP5, 5TP6, 5TP7, 5TP8, 5TP9

SCB500 Industry Project

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2, SUM

In this unit students will apply scientific methods and quantitative techniques to real work issues. Students will develop an appropriate plan for analysing and resolving an industry issue under the guidance of both a QUT supervisor and an associate supervisor from an industry partner. At the end of the unit students will present both an oral seminar and a written report.

SEB104 Grand Challenges in Science

Anti-requisites	SEB101, SEB102
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Grand Challenges in Science explores world events, problems or phenomena from a scientific perspective, discovering the many ways in which science is used and misused by practicing scientists and

the public. You will understand the problems and challenges of modern scientific inquiry using a range of multidisciplinary perspectives and explore solutions focussed approaches.

SEB113 Quantitative Methods in Science

Anti-requisites	MAB101
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Mathematics and Statistics underpins Science and Engineering research and practice. In Quantitative Methods in Science you will learn to apply the tools and skills of mathematics and statistics, to analyse, model and represent data for scientific purposes. It develops your practical quantitative problem-solving skills in real multidisciplinary scientific contexts. You will apply and augment your quantitative skills using real-world data collected during field- and laboratory work. This unit also builds awareness of how the different Science disciplines use and represent data, which will facilitate your choice of a discipline major in second semester.

SEB115 Experimental Science 1

Anti-requisites	SEB114
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Science is the systematic study of the structure and behaviour of the physical and natural world through observation and experiment. To this end scientists employ a unique methodology termed the Scientific Method. "Experimental Science 1" focuses on the applied principles and concepts embodied by the Scientific Method as it relates to the fields of Chemistry and Physics. You will conduct experimental science, via inquiry-led practice, working both individually and collaboratively. Through classroom activities, workshops and laboratory experiences, you will focus on real-world applications.

SEB116 Experimental Science 2

Anti-requisites	SEB114
Credit Points	12
Campus	Gardens Point

Availabilities	Gardens Point - SEM-1
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Science is concerned with developing testable, quantifiable models of the world around us for the purpose of creating a sustainable, safe future for humankind. To this end, scientists employ a unique methodology termed the Scientific Method. "Experimental Science 2" focuses on the applied principles and concepts embodied by the Scientific Method as it relates to the fields of biological, environmental and earth science. You will conduct experimental science, via inquiry-led practice, working both individually and collaboratively. Through field and/or laboratory experiences, you will focus on real-world applications.

SEB200 Communicating Science and Mathematics to Diverse Audiences

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit is designed to optimise your communication skills, so that you gain a range of language tools to articulate research and convey complex scientific and mathematical ideas. You will learn how to engage different audiences and gain awareness of responsible communication in these areas.

SEB300 Science and Mathematics Education Capstone

Pre-requisites	CRB040 and SEB200 and (CRB215 or CRB204)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit provides more challenging opportunities for students to put into practice their learning on effective communication of scientific and mathematical concepts to different audiences. Students will gain insights into how to gauge the audience's response to their teaching approach and how to redirect their teaching strategy as needed to improve learning outcomes. They will appreciate the many applications of good science and mathematics communication

outside of teaching and will have opportunities to produce quality educational materials for different audiences that could be adopted for future use by the relevant organisation, business, educational body or research scientist. The unit is taken as the final unit in the science education minor.

SEB400 Foundations of Research

Pre-requisites	Admission in to one of (ST10, IN10, UD10, MS10) or (288cp in current course)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit facilitates the acquisition of knowledge and skills essential to engaging with, and conducting research. This unit introduces you to the research process, project planning and management, and methodologies used in science, information technology, engineering, mathematics, urban development and property economics. The learning acquired in this unit will be applied to your project which is further developed in the Research units.

SEB402 Project Proposal

Pre-requisites	SEB400 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This research proposal unit leads to the capstone unit in the SEF Honours degree and draws together the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree as well as the Introduction to Research and Reviewing the Field units, which are taken in conjunction with this unit. You have the opportunity to apply your knowledge to a discipline related issue or problem and to carry out an independent and in depth study that will provide the opportunity to extend and broaden your understanding of the chosen issue.

SEB403 Honours Research Project-1

Pre-requisites	SEB400. SEB400 can be enrolled in the same teaching period as
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Units

	SEB403-1
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This is the capstone unit for the SEF Honours degree and draws together the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree as well as the Foundations of Research, Project Proposal units. In this unit you will execute, complete and present your research project. This unit will prepare you for your transition to the professional world or for a further career in research.

SEB403 Honours Research Project-3

Pre-requisites	SEB400 and SEB403-2. SEB403-2 can be enrolled at the same time as SEB403-3.
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This is the third part of the capstone research project for the SEF Honours degree and draws together the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree as well as the Foundations of Research, Project Proposal units. This unit will prepare you for your transition to the professional world or for a further career in research.

SEB403 Honours Research Project-4

Pre-requisites	SEB400 and SEB403-3. SEB403-3 can be enrolled at the same time as SEB403-4
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This is the capstone research project the SEF Honours degree and draws together the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree as well as the Foundations of Research, Project Proposal units. In this unit you will execute, complete and present your research project. This unit will prepare you for your transition to the professional world or for a further career in research.

SEB403 Honours Research Project-2

Pre-requisites	SEB400 and SEB403-1. SEB403-1 can be enrolled in the same teaching period as SEB403-2
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This is the capstone unit for the SEF Honours degree and draws together the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree as well as the Foundations of Research, Project Proposal units. In this unit you will execute, complete and present your research project. This unit will prepare you for your transition to the professional world or for a further career in research.

SEB404 Honours Research Project-2

Pre-requisites	SEB400 and SEB404-1. SEB404-1 can be enrolled in the same teaching period as SEB404-2
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

SEB404-1, SEB404-2, SEB404-3 are the capstone units for the SEF Honours degree and draw together the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree as well as the Foundations of Research unit. In this unit you will execute, complete and present your research project. These units will prepare you for your transition to the professional world or for a further career in research.

SEB404 Honours Research Project-1

Pre-requisites	SEB400. SEB400 can be enrolled in the same teaching period as SEB404-1
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

SEB404-1, SEB404-2, SEB404-3 are the capstone units for the SEF Honours degree and draw together the theory, practice and discipline fundamentals that

have been covered in your Bachelor's degree as well as the Foundations of Research unit. In this unit you will execute, complete and present your research project. These units will prepare you for your transition to the professional world or for a further career in research.

SEB404 Honours Research Project-3

Pre-requisites	SEB400 and SEB404-2. SEB404-2 can be enrolled in the same teaching period as SEB404-3
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

SEB404-1, SEB404-2, SEB404-3 are the capstone units for the SEF Honours degree and draw together the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree as well as the Foundations of Research unit. In this unit you will execute, complete and present your research project. These units will prepare you for your transition to the professional world or for a further career in research.

SEB410 Advanced Topic 1

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This honours level unit develops advanced knowledge and skills in one or more discipline areas. The unit will have an industry or research training focus to prepare you for a job in the real-world or for further studies. This advanced topic is designed to complement your studies in the Honours Research Project, Introduction to Research and Reviewing the Field units.

SEB411 Advanced Topic 2

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This honours level unit develops advanced knowledge and skills in one or more discipline areas. The unit will have an industry or research training focus to prepare you for a job in the real-world or for further studies. This advanced topic is

Units

designed to complement your studies in the Honours Research Project, Introduction to Research and Reviewing the Field units.

SEB412 Advanced Topic 3

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This honours level unit develops advanced knowledge and skills in one or more discipline areas. The unit will have an industry or research training focus to prepare you for a job in the real-world or for further studies. This advanced topic is designed to complement your studies in the Honours Research Project, Introduction to Research and Reviewing the Field units.

SEB413 Advanced Topic 4

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This honours level unit develops advanced knowledge and skills in one or more discipline areas. The unit will have an industry or research training focus to prepare you for a job in the real-world or for further studies. This advanced topic is designed to complement your studies in the Honours Research Project, and Foundations of Research units.

SEB701 Work Integrated Learning 1

Equivalents	BEB701
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - 5TP7, SEM-1, SEM-2

This unit provides opportunities to learn from workplace experiences. It involves attendance, participation, observation, critical reflection, and report writing on workplace activities. The emphasis of your critical reflection and report writing will be on identifying and describing aspects of professional relevance incorporating: collaboration and teamwork; work place, health and safety; professional conduct; ethical responsibility; and other aspects of your work place experience. This unit may form part of your (compulsory) course

core (as required by professional accrediting bodies e.g. Engineers Australia) or it may be one of several Work Integrated Learning (WIL) units (selected as part of a minor).

SEB709 Work Integrated Learning 1

Equivalents	BEB709
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

SEB709 is for students who are undertaking a second primary major in the same course, and who have already completed SEB701 in their first primary major. Please note: Advance standing for BEB701 can not be granted for a second primary major in the same course.

SWB100 Orientation to Social Work and Human Services

Anti-requisites	HBB100
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

At the beginning of studies in Social Work and Human Services it is essential that you develop a clear understanding of the scope of social work or human services, the context in which they are located, and the changing patterns of professional occupations and service delivery. It is also essential that you begin to explore your own motivations for becoming a social work or human service practitioner and begin to develop a sense of professional identity. It is anticipated that your engagement with this reflective journey will continue throughout the social work or human services course. An understanding of cultural diversity and the construction of 'difference' are integral to social work and human service practice. Understanding and reflecting on cultural diversity will be an embedded feature of this unit.

SWB102 Human Development and Behaviour

Anti-requisites	HBB102
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Social work and human service students are studying for professional careers that enhance people's personal and social wellbeing and development, enhance problem solving in relationships, and promote human rights and social justice. To do this you need to understand how individual development and behaviour are shaped by a range of factors including biological, psychological, socio-cultural, political and economic factors. You will learn about a range of theories of development and behaviour and consider the implications of such ideas for social work and human service practice. You will learn about key aspects of human behaviour such as emotion, motivation and socialisation and integrate and communicate this knowledge. Studying this information in the first year of the course provides you with necessary foundational information about people and the environments that shape their lives.

SWB105 Contemporary Human Rights

Anti-requisites	HBB114
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit examines the relationship between human rights and thematic challenges including climate change, poverty, terrorism and oppressive forms of intolerance and discrimination. It offers the opportunities to investigate present day concerns relating to the human rights of women, indigenous peoples and minority groups as well as specific topics such as human trafficking, harmful cultural practices, workers' rights and child soldiers.

SWB108 Australian Society, Systems and Policies

Anti-requisites	SWB103, SWB218
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

It is imperative for human services and social work professionals to have a comprehensive understanding of the diversity of factors within Australian society which lead to and sustain disadvantage, marginalisation, social exclusion and injustice and breaches of

human rights. This unit provides an introduction to Australian society with a particular focus on those institutions, structures, systems and processes which are critical and relevant for professional practice.

SWB109 Working with Aboriginal and Torres Strait Islander Peoples and Communities

Anti-requisites	EDB041
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Understanding the impacts of dispossession, colonisation and policy directives on the ability to achieve self-determination and empowerment as basic human rights provides a requisite platform for practice and thereby helps to redress the profound disadvantage evidenced across a range of social, health and economic indicators, social exclusion and marginalisation. Effective social work and human service practice with Aboriginal and Torres Strait Islander individuals and communities requires practitioners to possess an in-depth understanding and knowledge of past practices and policies and their continuing impact in contemporary society. Reflexive and reflective practice, where you look inward and deconstruct your own values and beliefs about Aboriginal and Torres Strait Islander people and their social and community contexts are critical skills for potential social work and human service practitioners.

SWB110 Understanding Families and Relationships

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The family is typically where people receive care and support. For most people it is in their family that they develop their sense of identity and establish the skills and attitudes fundamental to relating to others. Social workers and human service professionals are often responsible for assessing the needs of families or supporting family members to care for each other. In this unit you will gain foundational knowledge about the role of family in individual growth and development and in the provision of informal social care and

support.

SWB200 Working in Human Service Organisations

Pre-requisites	SWB100 or HHB100
Anti-requisites	HHB200
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit critically examines professional roles within the organisational context of Human Service and Social Work practice. Using an approach that combines traditional classes with an experiential approach, it examines the professional role, organisational requirements, student developmental needs, motivations, and personal responses to these factors in the Human Service/Social Work context.

SWB201 Human Services Practice Placement 1

Pre-requisites	(SWB100 or HHB100) and PYB007
Anti-requisites	SWB208 or HHB208, SWB209
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

The professional human service role requires practitioners to demonstrate proficiency in applying relevant knowledge and skills in complex situations. In order to integrate and contextualise the theoretical knowledge you have obtained thus far in your human services course, you are required to undertake work integrated learning (WIL) where you will demonstrate satisfactory achievement of the Australian Community Welfare Association's seven core competencies. This introductory practice unit encompasses 200 hours of direct practice within one human services agency. The placement provides the beginning practitioner with opportunities to assess firsthand the manner in which human service practitioners implement strategies to assist service users.

SWB204 Introduction to Child and Family Services

Anti-requisites	HHB204
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Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The unit focuses on developing competent social work and human services professionals by providing you with opportunities to develop knowledge, skills and dispositions specifically relevant to work with children and families. Students from education, psychology, and health related areas also find this unit useful as it provides a foundation in theories and approaches for inter-professional practice with children and families that is transferable to a wide range of professional settings.

SWB207 Introduction to Youth Services

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

As social work and human service practitioners it is essential to have an understanding of and capacity to critique the range of ways young people are constructed in academic and popular contexts. It is also important for practitioners to have an appreciation of current policies oriented to young people and the nature of the various service delivery systems and programs in operation.

SWB211 Casework and Case Management

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Social work and human service practitioners are expected to be familiar with critical casework processes and practice models, including understanding their strengths and limitations and implications for practice. Accordingly, this unit provides foundational knowledge and skill for practitioners who will utilise these critical tools.

SWB212 Community and Place Based Practice

Anti-requisites	HHB212
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Community level practice is a key social work and human services method. Various theories and approaches to 'community' and community work have been developed and used in practice. In recent years this has extended to include the need for locality oriented frames of 'space' and 'place', particularly as these apply to disadvantaged localities and tensions in various people's use of public spaces. This unit develops baseline practice skills and techniques for community level practice underpinned by social work and human service ethics and values.

SWB214 Group and Team Practice Skills

Pre-requisites	SWB220. SWB220 can be studied in the same teaching period as SWB214
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Working collaboratively and effectively with colleagues and clients in groups and teams is a key skill in human services and social work practice, particularly when working with vulnerable and often marginalised groups across diverse settings. This unit provides you with an opportunity to gain a fundamental understanding of the dynamics of groups and teams and to acquire beginning skills for effective engagement and intervention. It is located in the third year to provide a platform for collaborative academic and professional work.

SWB219 Legal and Ethical Dimensions of Social Work and Human Service Practice

Pre-requisites	SWB100 and SWB105
Anti-requisites	HHB277
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The legal dimensions of practice range from the nature of legislative provisions to the legal accountabilities of direct practice. Practitioners often work with vulnerable and/or marginalised persons, groups and communities and need to understand the law as both context and as a dynamic resource with which they can engage. Legal and ethical considerations in practice often intersect

and are usefully examined in conjunction with each other. An understanding and capacity to respond to ethical dimensions of practice situations is central to professional capability and requires you to develop literacy about key ethical approaches and concepts, and the capability to critically apply social work and human service professional Codes of Ethics.

SWB220 Practice Theories

Anti-requisites	HHB278
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

In line with the orientation of the social work and human service courses as a whole, this unit emphasises the conceptual component of your developing personal and professional practice framework integral to working effectively with a range of services users in a variety of different contexts. It is essential that you have a capacity to integrate and apply theoretical concepts to specific practice contexts, consider your own practice frame of reference and ideological influences, and understand the implications of these for practice.

SWB221 Professional Practice Processes and Assessment

Anti-requisites	HHB279
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Human service and social work students must build foundational knowledge and skills in practice, including engagement, assessment and intervention processes that address social problems while promoting social justice and respecting diversity. This unit begins that foundation through focusing on integration of critical theory and practice perspectives. Diversity is understood to relate to culture, class, 'race'/ethnicity but also sexuality, age, ability and gender identification. Because of its importance in preparing you to undertake professional placements, the unit is strategically located in second year. The unit pays special attention to how to engage with, assess and design interventions with diverse groups that are socially disadvantaged, oppressed/or and stigmatised.

SWB222 Advanced Communication for Social Work and Human Services

Pre-requisites	HHB113 or SWB104 or PYB007
Anti-requisites	HHB215, HHB282
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Developed interpersonal communication skills are the cornerstone for both personal and professional relationships. Human service and social work in a broad sense, aim to help people in their struggle for self-determination and social justice. At a fundamental level, the struggle for independence, justice and empowerment is facilitated by interpersonal processes involving the effective use of communication and conflict resolution skills. This is a skills based unit located in the second year of the Social Work degree and the third year of the Human Services degree to build upon fundamental communication skills. These culturally sensitive and diverse skills are the core of sound practice, whether at a micro or macro level. The essential practitioner skill of a heightened sense of self is closely examined as are reflective strategies to effectively deal with and prevent vicarious trauma, burnout and enhance lifelong learning.

SWB304 Child Protection and Family Practice

Pre-requisites	SWB204 or SWB110
Anti-requisites	HHB304
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit contributes to the aims of the social work and human services courses by extending and deepening your knowledge for practice with children and families. In particular you will extend and apply understandings related to child development and family process, cultural safety and the wellbeing of Aboriginal and Torres Strait Islander children and families, service contexts and collaborative practice, and contemporary policy and practice frameworks for child and family work.

SWB306 People, Community and Disability

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Social work and human service practitioners must have the relevant professional knowledge and skills to understand the impact of disability, chronic conditions and health-related issues experienced by people and encountered in the community. The experience of disablement, chronic conditions or health-related issues can universally impact on people of any age or culture at any point during life course transition. This unit provides a platform for developing and integrating knowledge and skills to effectively respond to disability issues and challenging social constructions located in international, national and local community contexts.

SWB307 Youth Services Practice

Pre-requisites	Completion of 144 credit points or more of study
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit focuses on a wide range of practice contexts relevant to work in services for young people. Increasingly professionals working with young people or in agencies concerned with or impacting on young people require expertise about specific issues and practice responses. This expertise may be related to a particular professional role (eg policy analyst and advocate), the orientation or framework employed by the funding program or service (eg early intervention or prevention), or particular practice approaches that respond to issues/needs that may be impacting on young people who constitute the target group (eg mental health, drug use, juvenile offending).

SWB312 International Social Work

Anti-requisites	HHB341
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit illustrates the scope of social

work practice by applying social work knowledge, skills and values to a range of international and regional issues. You will explore the relationship between core social work principles and values and global international issues including social justice, human rights, development assistance, aid and key concerns identified in the Millennium Development Goals. The Unit considers opportunities for engagement with international social work organisation and related agencies.

SWB314 Human Services Practice Placement 2

Pre-requisites	SWB201 and SWB219 and SWB220 and SWB221
Co-requisites	SWB406
Anti-requisites	HHB301, SWB301
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

The purpose of SWB314 Human Services Practice Placement 2 is to prepare you for employment as a competent human services professional. This unit enables you to further develop professionalism: notably your communication, assessment and intervention skills along with their your own practice framework while undertaking 350 hours of work practice in a human services agency supervised by an experienced practitioner. The development of a Learning Plan (LP) will provide guidance in achieving the core competencies required for effective human service practice. You are able to undertake your placement in urban, regional, rural, national or international arenas. Overseas travel documents must be completed prior to approval being given for overseas placement. Students wishing to undertake a regional or overseas placement must contact the Field Education Unit Team at least 6 months prior to the semester their placement is planned for.

SWB316 Social Work Field Education 1A

Pre-requisites	(SWB219 or HHB277) and (SWB221 or HHB279) and (SWB222 or PYB208 or HHB282)
Co-requisites	SWB317 and SWH310
Anti-	SWB309, HHB338

requisites	
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

This is a designated unit. The combined Social Work Field Education 1A and 1B units require students to complete 500 hours of professionally supervised, staff - monitored, field education in a period of not less than 65 days. In accordance with AASW requirements, students are required to engage in planned activities which may include: direct practice with individuals, groups and communities; community development, education and capacity building; working with diversity; policy analysis and development; research, evaluation and knowledge generation; education and professional development. The combined Field Education 1A and 1B units make up the first placement, students undertake two 500 hour placements over the course of their degree, completing 1000 hours in total. Students build on the knowledge and skills developed in their first two years of the degree, providing opportunity to apply these in a real world setting. A strict requirement for this unit is that students must undertake the placement selection and organisation process that occurs in the semester preceding the placement.

SWB317 Social Work Field Education 1B

Pre-requisites	(SWB219 or HHB277) and (SWB221 or HHB279) and (SWB222 or PYB208 or HHB282) and SWB316. SWB316 can be enrolled in the same study period.
Co-requisites	SWH310
Anti-requisites	SWB309, HHB338
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

This is a designated unit. The combined Social Work Field Education 1A and 1B units require students to complete 500 hours of professionally supervised, staff - monitored, field education in a period of not less than 65 days. In accordance with AASW requirements, students are required to engage in planned activities which may include: direct practice with

individuals, groups and communities; community development, education and capacity building; working with diversity; policy analysis and development; research, evaluation and knowledge generation; education and professional development. The combined Field Education 1A and 1B units make up the first placement, students undertake two 500 hour placements over the course of their degree, completing 1000 hours in total. Students build on the knowledge and skills developed in their first two years of the degree, providing opportunity to apply these in a real world setting. A strict requirement for this unit is that students must undertake the placement selection and organisation process that occurs in the semester preceding the placement.

SWB318 Disaster Health: Principles, Planning and Practice

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SUM

This interdisciplinary unit introduces students to the principles and practices used in the management of major incidents and disasters, and the processes affecting individuals, groups and communities in the response and recovery phases. It has a particular emphasis on health and welfare responses. The roles, responsibilities and tasks which authorities and others undertake in order to safeguard the community and minimise disruption, dislocation and trauma are examined. Effective response by these systems to major incidents and disasters is examined along with the responsibilities and roles of individuals who must understand organisational planning and preparation, disaster management, and service coordination.

SWB320 Mediation

Pre-requisites	Completion of 96 credit points
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SUM

The ability to resolve conflicts in a variety of employment contexts is increasingly being seen as a criterion for employment. Over the past thirty years, alternative dispute resolution has grown to such an

extent that the adversarial approach of using Courts and the legal system to resolve disputes is just one option in the continuum of dispute resolution processes. Mediation is perhaps the most prominent form of dispute resolution. This unit provides an introduction to the processes and skills used in mediation which can be applied in a variety of workplace contexts.

SWB402 Social Work Field Education 2A

Pre-requisites	SWB220 and SWB221 and (SWB310 or SWH310) and SWB316 and SWB317
Co-requisites	SWB403 and SWB406
Anti-requisites	HHB408, SWB408
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

To practise ethically, competently and accountably, social work practitioners demonstrate proficiency in applying relevant knowledge and skills in complex situations, meet the six AASW Practice Standards and comply with the Code of Ethics. In order to integrate and contextualise the theoretical knowledge students have obtained thus far in their course, this unit requires students to undertake work integrated learning (WIL) where they will demonstrate satisfactory achievements of the six AASW Practice Standards and adherence to the Code of Ethics and the learning outcomes of this unit.

SWB403 Social Work Field Education 2B

Pre-requisites	SWB220 and (SWB310 or SWH310) and SWB316 and SWB317 and SWB402. SWB402 can be enrolled in the same teaching period as SWB403
Co-requisites	SWB406
Anti-requisites	SWB408, HHB408
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

To practise ethically, competently and accountably, social work practitioners demonstrate proficiency in applying

relevant knowledge and skills in complex situations, meet the six AASW Practice Standards and comply with the Code of Ethics. In order to integrate and contextualise the theoretical knowledge students have obtained thus far in their course, this unit requires students to undertake work integrated learning (WIL) where they will demonstrate satisfactory achievements of the areas outlined in their PLP. They must completely apply strategies to assist service users, engage in critically reflective practice, enhance their personal practice framework and examine the influences of practice methods, clients, staff, organisational, cultural and community factors on program and intervention processes and outcomes.

SWB405 Advanced Social Work Project

Anti-requisites	HHB411
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SUM

This unit enables students to undertake an in-depth study on an approved topic relevant to social work practice. To enable this, students will extend their knowledge and skills in undertaking various aspects of the research process as this relates to their investigation.

SWB406 Transition to Practice

Pre-requisites	SWB314 or (SWB402 and SWB403). SWB314 or SWB402 or SWB403 can be studied in the same teaching period as SWB406
Anti-requisites	SWB409, SWB301
Equivalent s	SWB315
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM

This unit recognises that you are about to transition from university to social work practice and that you will need to sustain your professional and educational development. Accordingly, this final semester unit provides a dual platform for transition to practice and independent professional development.

SWH202 Health, Wellbeing and Social Work

Equivalents	SWB202
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Social workers frequently work within the health system and even where they work in other areas, the health and wellbeing of their clients remains central to their practice. The social determinants of health, as well as the social consequences of health problems, are both very much part of the social work landscape. Hence it is critical for social workers to ensure their knowledge and skill-sets include a specific focus on health and wellbeing. This unit is placed in the second year of the social work course, providing you with an opportunity to understand the foundation theories and systems relevant to health and wellbeing.

SWH310 Linking Social Work Theory and Practice

Pre-requisites	(HHB277 or SWB219) and (HHB279 or SWB221) and (HHB282 or SWB222 or PYB208) and SWB316 and SWB317. SWB316 and SWB317 can be studied in the same teaching period as SWH310.
Anti-requisites	HHB339
Equivalent s	SWB310
Credit Points	12
Campus	Kelvin Grove and External
Availabilities	Kelvin Grove - SEM-1, SEM-2, SUM External - SUM

It is imperative that social workers are able to clearly and concisely articulate well developed professional frameworks that guide practice. All frameworks include important ethical components which in the Australian context are informed by the AASW Code of Ethics (2010). It is offered at this point in the course as an important complement to professional placement. Your personal and professional practice framework is perhaps the most important piece of work that you will develop and utilise following your academic studies.

SWH311 Mental Health and Social Work

Pre-requisites	SWB221 or HHB279
Anti-requisites	HHB340
Equivalents	SWB311
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Social workers need knowledge and skill to support their understanding and capacity to intervene and/or support individuals, families, groups and communities affected by mental illness or disorder. While social workers across the range of practice fields require this knowledge and these skills, those working in agencies that provide treatment for mental illness and alcohol and drug misuse need higher capabilities. Social work practice is concerned with the social context and social consequences of mental illness and disorder, and the promotion of mental health. The unit content builds on knowledge of human development, behaviour and emotion across the lifespan.

SWH400 Policy Skills for Professional Practice

Pre-requisites	SWB108 or SWB218 or SWB103
Anti-requisites	SWB302
Equivalents	SWB400
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

Social workers and human service workers must have a thorough understanding of the macro policy context and the structure of government, an awareness of political institutions and policy actors in Australia, policy-writing and research, policy-making processes, budgetary considerations and strategies for change. An appreciation of the 'art' and extent of real world politics - 'realpolitik'- assists in understanding how these policy institutions, processes, cycles and strategies combine to shape and change social policy. This unit describes and explores the relationships between politics, economics and social policy placing particular emphasis on the implications of these and other macro forces for social work practice. This unit focuses on integrating policy knowledge, research and analysis to apply tools to

real world policy issues for policy change.

SWH401 Research Methods for Professional Practice

Pre-requisites	SWB100 or HHB100
Equivalents	SWB401
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit equips you with knowledge and skills to investigate models of service and practice questions and to develop recommendations for change. A range of particular methods for developing, evaluating and improving models of social service and social care delivery will be examined including reflective practice, participatory action research, service evaluation and quality assurance processes, and the use of empirical research to inform practice. You will be able to apply methods learnt to a range of service delivery and practice contexts.

SWH404 Complexity in Social Work and Human Services Practice

Pre-requisites	(SWB201 or SWB316 or SWB317) and SWB219. SWB219 can be studied in the same teaching period as SWH404
Equivalent s	SWB404
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Social work and human service practitioners are often faced with presenting issues that display a high level of complexity. Contemporary society is beset with a number of challenging social problems, such as climate change, structural disadvantage, and poverty, which shape the lives of clients and our experiences as practitioners. It is important that as SWHS practitioners you can support vulnerable clients and groups holistically, by simultaneously addressing multiple sources of oppression through using a variety of practice responses across micro, meso, and macro systems. This unit broadens the analytical and critical practice framework for human service and social work professionals.

SWN002 Introduction to Social Work Practice and Contexts

Pre-requisites	SWN018. SWN018 may be studied in the same teaching period as SWN002
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit introduces you to the diverse and contested world of social work and is the first step in constructing your professional identity. It provides an entrée to a range of vital foundational concepts are developed further in other units as you progress through the course. We critically examine the roles and purpose of social work within the dynamic interplay of social, economic and political structures and their implications for social work practice. We analyse practice methods and processes, formal theoretical frameworks that inform social work practice, values and ethics; ways of knowing; the history of social work and a broad overview of global social forces that influence and shape contemporary Australian society. Various fields of practice and organisational contexts within social work practice are also explored, with an emphasis on social justice, inequality, social change, critical analysis and reflection.

SWN003 Political Economy and Policy Making

Pre-requisites	(SWN001 or SWN018) and SWN002
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2 (Block), SUM (Block)

This unit recognizes the importance of political and economic factors for professional practitioners in the human service and social welfare sector. It describes and analyses the fundamentals of the Australian political system including the Parliamentary structures and law making processes at different levels of government. It explores the 'real politik' of political parties and vested interest groups in the political process giving particular attention to the development of policy. It provides an overview of public sector policy making process including the budgetary procedure. The unit encourages students to be active actors in relevant political/economic processes.

SWN004 Communication and Engagement in Professional Contexts

Pre-requisites	SWN018. SWN018 may be studied in the same teaching period as SWN004.
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1 (Block)

The major focus of this unit is on developing your interpersonal communication skills for working with individuals and groups in voluntary and involuntary practice contexts. This unit complements SWN018 by assisting you to integrate social work skills development in communication, assessment and intervention with an application of social work's theoretical base. This is a skills-based unit located in the first year of the Master of Social Work degree builds upon your fundamental communication skills.

SWN005 Health, Wellbeing and the Human Condition

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1 (Block)

Regardless of where social workers practice, health, mental health and wellbeing are fundamental dimensions of the human experience. This unit examines contemporary issues that shape and inform our understanding of health and the human condition in Australian and international contexts. Key concepts are deconstructed and critically analysed, with a focus on how related health policies, practices, and services impact equity and access for individuals, families, communities and society.

SWN006 The Ethical, Legal and Organisational Contexts of Practice

Pre-requisites	SWN018 or SWN001
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1 (Block)

This unit locates social work practice

within its ethical, legal and organisational context. It emphasises the imperative for students to know, understand and actualise core social work values particularly those incorporated in the profession's national and international codes of conduct, professional standards and ethical practice requirements. The statutory and organisational dimensions of social work practice are described and explored with case scenarios providing opportunities to develop strategies for self-management within diverse organisational contexts.

SWN007 Casework Practice

Pre-requisites	SWN018 or SWN001
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2 (Block)

This unit builds on the fundamental communication skills essential for professional critical casework and their difference to and commonalities with case management practice. It assists students to achieve professional levels in understanding and applying contemporary social work theories and principles to critical casework.. A focus will be on the application of core principles that are essential in social work practice, such as client self-determination and empowerment, are developed through experiential learning of skills including interviewing techniques, counselling, and other interventions designed for problem-solving and facilitation of change.

SWN008 Group, Team and Community Work for Professional Practice

Pre-requisites	SWN018 or SWN001
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2 (Block)

This unit critically reviews the theory and research base of group work, team work, and community work and explores the strategic use of each as an intervention method in professional practice. It requires students to develop and demonstrate high level skills for the effective use of each of these as intervention methods for addressing

disadvantage and marginalisation. It focuses particularly on group, team and community engagement, and tests skills for research and analysis of community needs, capacity building, advocacy, negotiation, conflict resolution, project management, planning and leadership.

SWN009 Social Work Assessment and Intervention

Pre-requisites	(SWN018 or SWN001) and SWN004
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1 (Block)

At the core of social work knowledge and skill is the capacity to make assessments and, in consultation with the service user, decide on the most appropriate intervention. Assessment and intervention almost always involves individuals, groups and communities experiencing disadvantage and vulnerability, and is therefore characterised by disparities in authority and power. Hence, assessment and intervention must incorporate planning and actions which are highly professional and ethical, and based on principles of social work practice, and practical experience with client collaboration and partnership for engagement and empowerment.

SWN010 The Socio-Cultural Context of Professional Practice

Pre-requisites	SWN018 or SWN001
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1 (Block)

This unit develops your knowledge about historical and contemporary issues impacting on Aboriginal and Torres Strait Islander peoples and culturally and linguistically diverse Australians. It also introduces you to ways of working with cultural diversity in a culturally responsive and safe way.

SWN011 Professional Practice 1

Pre-requisites	(SWN001 or SWN018) and SWN002 and SWN004 and SWN007 and SWN008. SWN007 and SWN008 may
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	be studied in the same teaching period as SWN011
Co-requisites	SWN012
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2 (Block)

This is a designated unit. The combined Professional Practice 1 and 2 units require students to complete 500 hours of professionally supervised, staff-monitored, field education in a period of not less than 65 days. Students who have advanced standing for SWN011 are required to complete 280 hours of placement. In accordance with AASW requirements, students are required to engage in planned activities which may include: direct practice with individuals, groups and communities; community development, education and capacity building; working with diversity; policy analysis and development; research, evaluation and knowledge generation; education and professional development. This unit is the first of three Professional Practice units undertaken. A strict requirement for this unit is that students must undertake the placement selection and organisation process that occurs in the semester preceding the placement. (Designated unit)

SWN012 Professional Practice 2

Pre-requisites	(SWN001 or SWN018) and SWN002 and SWN004 and SWN007 and SWN008 and SWN011. SWN007, SWN008 may be taken in the same teaching period as SWN012
Co-requisites	SWN011
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2 (Block)

This is a designated unit. The combined Professional Practice 1 and 2 units require students to complete 500 hours of professionally supervised, staff-monitored, field education in a period of not less than 65 days. Students who have advanced standing for SWN011 are required to complete 280 hours of placement. In accordance with AASW requirements, students are required to engage in planned activities which may

include: direct practice with individuals, groups and communities; community development, education and capacity building; working with diversity; policy analysis and development; research, evaluation and knowledge generation; education and professional development. This unit is the first of three Professional Practice units undertaken. A strict requirement for this unit is that students must undertake the placement selection and organisation process that occurs in the semester preceding the placement. (Designated unit)

SWN013 Professional Practice 3

Pre-requisites	SWN005 and SWN006 and SWN009 and SWN010 and SWN011 and SWN012
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1 (Block), SEM-2

This is a designated unit. In accordance with AASW requirements, students are required to engage in 500 hours of professionally supervised, staff-monitored, field education. Field activities may include: direct practice with individuals, groups and communities; community development, education and capacity building; working with diversity; policy analysis and development; research, evaluation and knowledge generation; education and professional development. As a capstone unit, Professional Practice 3 synthesises the social work knowledge, skills and values of student's 'whole of course' experience. A strict requirement for this unit is that students must have undertaken the placement selection and organisation process that occurs in the semester preceding the placement.

SWN018 Theories and Frameworks for Social Work Practice

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit focuses on providing you with knowledge about social work values, theories, perspectives and models that underpin effective helping interventions. A wide range of practice perspectives will be explored with potential utility and

limitations considered. Students will undertake an audit of their existing knowledge, skills and values and then plan their learning needs for their professional social work development path, consistent with the Social Work Code of Ethics and AASW Practice Standards.

SWN019 Research Skills for Social Change

Pre-requisites	(SWN018 or SWN001) and SWN002
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit develops your knowledge and skills in terms of research and scholarship relevant to the social work profession. The role of research in social work is to provide a sound knowledge and evidence base for practice. The unit covers approaches to social inquiry, the role of social theory, methodology, methods and ethical considerations relevant to the conduct of social research.

SWN020 Practice Research Project

Pre-requisites	SWN019 and SWN012 and SWN003. SWN003 may be studied in the same teaching period as SWN020.
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit scaffolds the design and undertaking of a research project of significance to social work. This unit synthesises the knowledge and skills you will have gained earlier in your studies, in particular your methodological skills taught in SWN019 Research Skills for Social Work. Within this unit you will design and implement a research design in a manner which reflects appropriate rigor and ethical consideration and within a scope that is logistically possible. The unit will also provide you with the opportunity to present your findings in a scholarly way appropriate for a social work and human service audience.

SWN021 Professional Practice 1

Pre-requisites	SWN018 and SWN002 and SWN004
Credit Points	36
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This is a designated unit. The unit requires students to complete 500 hours of professionally supervised, staff - monitored, field education in a period of not less than 65 days. In accordance with AASW requirements, students are required to engage in planned activities which may include: direct practice with individuals, groups and communities; community development, education and capacity building; working with diversity; policy analysis and development; research, evaluation and knowledge generation; education and professional development. This unit is the first of two Professional Practice units undertaken. A strict requirement for this unit is that students must undertake the placement selection and organisation process that occurs in the semester preceding the placement.

SWN025 Critical and Ethical Practice in Organisations

Anti-requisites	SWN006, SWN008
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Further building on your previous studies in the course, this unit aims to integrate theory and practice by using practice experiences from your field education placement as a stimulus for learning. We also account for the implications of recent theoretical developments for professional social work practice. We employ critically reflective approaches to learning about critical and ethical practice within contemporary organisational contexts. You will develop an understanding of ethical practice in organisations, informed by critical social theories, using a critical incident from practice experience as a platform to develop your practice framework. The emphasis is on learning critical reflection both as a method of practice and method of research to enable you to undertake critical social work in neoliberal contexts, and develop research skills to contribute to

professional practice and scholarship.

UDN503 Track Geometry and Train Interaction

Credit Points	12
Campus	External
Availabilities	External - SEM-1

The sole purpose of track is to support the safe and speedy passage of trains carrying passengers, minerals, freight, primary produce and so on. Although tracks can deteriorate due to environmental factors, the primary source of deterioration is the passage of trains. Operators want trains to carry larger and larger payloads at ever higher speeds, which induce increasingly large static and dynamic forces in the track. Those forces deteriorate the track which leads to a rougher ride for the trains, causing even higher dynamic forces down into the track and up into the vehicle. This unit is intended to provide you with an understanding of the interaction between track and trains, which builds on and develops your knowledge of the track structure from UDN500, UDN501 and UDN502, explains aspects of vehicle design, and provides you a basis for appreciating how incidents such as derailments occur when you come to study UDN505.

UDN504 Track Construction, Civil Structures

Credit Points	12
Campus	External
Availabilities	External - SEM-2

This unit will give you opportunity to research and manage the construction of track and structures within the rail right of way, together with geotechnical risk.

UDN505 Assets, Environment and Safety

Credit Points	12
Campus	External
Availabilities	External - SEM-1

At the heart of your responsibilities as a railway civil engineer is management of the rail corridor to ensure safe, reliable, environmentally sound train operations through that corridor. This unit provides students with knowledge and abilities for managing the assets in the corridor to ensure safe operations and environmentally responsible activities.

USB100 Understanding the Built Environment

Equivalents	UDB101
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit exposes students to the various professions and concepts that determine, develop and manage the built environment and how the disciplines of construction management, quantity surveying, urban and regional planning and property economics interact to achieve an economic and sustainable built environment.

USB140 Imagine Property

Equivalents	UDB140
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

This unit introduces the underlying concepts of property and describes the various participants in the industry and how their roles interact to develop, acquire, value and dispose of residential property in both the public and private sector. The unit will provide the foundations for further study in the property valuation, property law and property investment and finance units from primarily a residential perspective. Interactive activities and assessment will be used to convey and test these fundamental property principles.

USB141 Building Big

Equivalents	UDB141
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit builds on the construction fundamentals covered in the unit UXB110 Residential Construction and further develops these concepts and applies them to the construction methods, building area measurement and quality of design and construction for industrial property, retail centres, high rise commercial and high rise residential property. These concepts will provide the

basis for the understanding of how construction type and quality are reflected in the market demand and value of these property types from a development, valuation and investment perspective.

USB240 Market Analysis

Pre-requisites	BSB113 or UDB104
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit builds upon the foundation property, valuation and economic units from your first year studies. You will apply demographic, economic and key urban economic theories and policies in the property market environment. Understanding property markets will assist in the creation of marketing and investment strategies to meet targeted consumer supply and demand. You will conduct property market research and interpret the outcomes from research publications.

USB241 Money and Wealth

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit provides the opportunity for you to learn basic accounting and investment principles within the context of the property industry. You will also develop basic financial, cost and management accounting and financial management skills. This unit will support you to conduct more advanced financial and statistical calculations in later valuation and property units and is complementary to units in market analysis and property investment analysis

USB242 Experience Property

Pre-requisites	USB140 or UDB140
Equivalents	UDB242
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit builds upon the preliminary property fundamentals covered in the unit USB140 Imagine Property, expanding those key concepts to income producing

and investment grade assets. This unit develops an understanding of the various commercial market sectors and how various features of these markets impact on the value of a property asset. The unit will provide the foundations for the further study in the property valuation, property law and property investment and finance units from a commercial property perspective. Interactive activities and assessment will be used to convey these fundamental income producing property principles.

USB243 Property Legislation

Pre-requisites	USB242
Equivalents	UDB241
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

A practicing property professional and property valuer needs a good understanding of several areas of property related legislation as it applies to property transactions and property practice to be able to manage and avoid risk, identify property and valuation legal issues as they arise and identify when specialised legal counsel is necessary. This unit focuses on extending and applying the theoretical knowledge obtained in Experience Property and Urban Development Law to explore how Commonwealth and State legislation is applied to property practice and property transactions, with particular focus on statutory valuation and property acquisition and resumption. The unit covers areas of property rights, contract, agency, statutory valuation, consumer protection and dispute resolution as applicable to a practicing property professional in Queensland.

USB244 Asset Performance

Pre-requisites	Completion of 96 credit points or more of study
Equivalents	UDB344
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

With an increasing number of companies and institutions now leasing and investing in property the management of these assets is becoming a crucial aspect of business practice and investment performance. This unit will cover the

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physical and financial aspects of commercial, retail and industrial property management and the role of property as a strategic real estate asset and its role in a diversified investment portfolio. The area of corporate real estate and asset management will be covered in the unit

USB245 Property Investment Analysis

Pre-requisites	USB242 or UDB242
Equivalents	UDB246
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Property analysts are required to analyse property as an investment and provide investment recommendations. This involves a close scrutiny of property investment options, and selection of the most appropriate option given the investor's preferences, goals and market conditions. This unit provides the basis to enable the property analyst to examine the property's investment worth over time using discounted cashflow techniques, including an introduction to the effect of financing and tax considerations, risk and return and comparison against investment objectives.

USB246 Transaction Process

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The buying and selling of property is a critical point in any property development, valuation or property investment. This unit provides you with an understanding of the transaction process in respect to acquisition, contract negotiation, due diligence, taxation considerations, legal structuring, sales and/or lease negotiation, compliance with relevant legislation and settlement. It demonstrates the relevance and interaction of units such as property valuation, investment analysis, market analysis, property law and planning in all property transactions.

USB300 Property Development

Pre-requisites	192 Credit Points
Equivalents	UDB302

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit brings together concepts gained on strategic evaluation, risk, organisational structure, planning, construction and development feasibility analysis. It places this knowledge in a total project context and provides students with an understanding of the processes involved in property development from conception to completion and beyond.

USB341 Money and Property

Pre-requisites	USB245 or UDB246
Equivalents	UDB341
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Property is a major asset class of all available investment options. Due to its distinct characteristics, debt and equity financing plays a major role in investment decisions. As such, this unit further develops students' understanding of property investment and financing techniques and the place of property assets within the capital markets. This unit covers the financing of a range of asset types including residential, income producing, development and property funds.

USB342 Property Software

Pre-requisites	USB245
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces students to a range of industry-standard property software products. Students will gain knowledge in the operation of a variety of industry specific software for the analysis and management of a range of property types. Students will develop their competency in using these products, as well as skills in the analysis of the outcomes generated, using the property software as a decision making tool to support investment recommendations. This capability will help students to prepare their readiness to work in the industry. This unit is an

advanced unit that builds upon the skills and knowledge you developed in USB245 Property Investment Analysis and it links with USB300 Property Development.

USB343 Boutique Valuations

Pre-requisites	USB242
Equivalents	UDB247
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This is the capstone valuation unit and applies the valuation principles and procedures developed in the units USB140, Imagine Property, and USB242, Experience Property, to the more complex property classes such as rural property, special premises, retail and business based property that require a greater level of student expertise for analysis and value calculation. Assessment items will provide students with the opportunity to undertake practical valuation exercises to link this unit with the property knowledge and valuation principles developed throughout their studies.

USB344 Property Project

Pre-requisites	192 Credit Points
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This is the capstone unit for the Property Economics degree and draws together the theory, practice and property fundamentals that have been covered in the units studied to date. You will have the opportunity to apply knowledge learnt in previous units to a property related issue and to carry out an independent and in depth study that will provide the opportunity to extend and broaden your understanding of a chosen issue. This unit prepares you for transition to the professional world.

UXB110 Residential Construction

Equivalents	UDB110
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point

- SEM-1

This unit develops your knowledge, skills and application for residential construction management. The unit introduces current domestic construction techniques and materials that are the core of any construction process. You are taught to read plans and build a house by studying construction theory and legislation, visiting building sites, and sketching construction details. This first year unit complements USB100 and prepares students for Integrated Construction Management and Commercial Construction Management.

UXB111 Imagine Construction Management

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Imagine what your future construction management career will be like. This unit introduces you to the essential professional skills and practices you will need throughout your studies and professional career, and provides a sense of identity as a construction management professional. Key concepts such as occupational health and safety, professional practice, ethics, information management and sustainability are explored. Recent developments in construction will be highlighted and the future of construction will be explored.

UXB112 Introduction to Structures

Equivalents	UDB111
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The choice of material and the reliance on the material being "fit for purpose" is essential to the success of any building project. This unit provides an introduction to building materials, such as rock, soil, timber, masonry, concrete and metal and forms the basic building blocks of subsequent units. We will cover the structural and non structural materials used in the construction process and focus on the basic properties, construction applications, behaviour, strength, durability, suitability, sustainability and limitations.

UXB113 Measurement for Construction

Equivalents	UDB113
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces aspects of the scope of the role of construction cost management professionals independently and for contractors. It examines the Australian standard method of measurement introducing formal measurement techniques and methodologies of residential and small commercial building works within the context of the tendering/procurement process and the introduction of cost management / building area measurement. The unit also provides a basic appreciation of virtual building graphical models as they relate to integrated practice concepts used in industry, by way of the graphical representation and spatial relationships of digital building models. It links to foundation units in construction technology and prepares you for further advanced units in building and infrastructure measurement and construction estimating.

UXB114 Integrated Construction

Equivalents	UDB112
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit further develops your skills and knowledge of residential construction. It has a focus on integrating residential/small commercial construction processes in a collaborative digital environment by utilizing building information technology. It links to the work previously undertaken in UXB110 Residential Construction and prepares you for UXB211 Building Services and other units.

UXB120 Introduction to Heavy Engineering Sector Technology

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit introduces resource sector

technology associated with on and off Shore Oil and Gas (LNG), open cut and underground mining and power generation and distribution infrastructure including processing plants/plant design and infrastructure systems. Students will also develop introductory knowledge of safety and risk management within these sectors and develop an appreciation of mineral economics. It links to the work being undertaken in units Imagine Quantity Surveying and Cost Engineering.

UXB121 Imagine Quantity Surveying and Cost Engineering

Equivalents	UDB216
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Imagine what your future Quantity Surveying and Cost Engineering career will be like. This unit focuses on three broad areas of professional quantity surveying and cost engineering and in doing so, considers the similarities and differences across Quantity Surveying and Cost Engineering. Firstly, what it means to be a professional is considered including image and status, fees, codes of ethics, professional competence and continuing professional development. Secondly, ways in which professionals engage with a workplace including terms of appointment are explored. Finally, the work of quantity surveying and cost engineering takes place within a social and environmental context and the unit will relate interactions between business and environmental interests including the natural environment, environment economics and ecologically sustainable development. This unit occurs in the first year of your course to provide you with the foundational context in quantity surveying and cost engineering and relates in particular to units in measurement and cost planning and controls.

UXB130 History of the Built Environment

Equivalents	UDB162
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The unit looks at the interactions of forces

Units

and events that act to produce elements of the built environment, and the role played by the built environment in shaping human history through the use of historical examples from around the world.

UXB131 Imagine Planning and Design

Anti-requisites	DEB101
Equivalents	UDB161
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit, generally taken by first year students in QUT's Planning course, will introduce you to planning and design in urban and regional planning. You will learn about basic theories and practices of planning and design, planning policy and the planning profession. This unit involves both individual and group work and you will also develop project management, research and communications skills necessary for professional practice.

UXB132 Urban Analysis

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The unit is structured to develop and apply the necessary skills for undertaking thorough analytical analyses of cities and regions. Theoretical and practical aspects of urban analysis including a variety of quantitative, qualitative and spatial analyses techniques are introduced during the lectures, where these techniques are then practiced during tutorials on the real-world projects.

UXB133 Urban Studies

Equivalents	UDB164
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces you to the various demographic, economic, social and physical aspects of our cities to help understand the nature of cities we live in. This unit builds upon the knowledge introduced in Imagine Planning and

Design and Urban Analysis, and provides the theoretical foundation for application in studio type units in subsequent years.

UXB134 Land Use Planning

Equivalents	UDB163
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides you with knowledge of and skills in land use planning and geographic information system (GIS) in an integrated way. This unit provides you with a balanced and clear introduction into the substantive domains of land use planning, one of the primary functions of planners. This unit builds on the academic skills learnt in USB100 - Understanding the Built Environment, UXB131 Imagine Planning and Design and UXB132 - Urban Analysis.

UXB210 Commercial Construction

Pre-requisites	UXB110 or UDB110
Equivalents	UDB210
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The aim of this unit is to provide you with extensive theoretical knowledge to manage and supervise the construction of a cross section construction types such as low rise residential apartment buildings and commercial and industrial buildings. Incorporated within the unit is a sound understanding of how a building achieves structural stability and equilibrium through its load paths through basic study and analysis of engineering components and systems. It links and builds on the earlier studies undertaken in your first year including residential and integrated construction; building services and prepares you for further advanced units in designing structures and highrise construction management.

UXB211 Building Services

Equivalents	UDB215
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point

- SEM-1

This unit develops your knowledge, skills and application for Building services focussing on fire, hydraulics, mechanical and electrical services. It links to basic work and understanding previously undertaken in your first year of study and prepares you for further advanced units in Commercial and High-rise Construction Management and Services and Heavy Engineering Measurement.

UXB212 Designing Structures

Pre-requisites	UXB112 or UDB111
Equivalents	UDB211
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

The unit is an introduction to the basic principles of structural engineering applicable to basic structure. Quantitative and qualitative techniques are used as a basis for learning structural analysis. This unit requires an understanding of mathematical knowledge relating to the ability to work with equations.

UXB213 Advanced Measurement for Construction

Pre-requisites	UXB113 or UDB113
Equivalents	UDB212
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

Measurement is a core skill and attribute among building and infrastructure professionals. This attribute is particularly important in relation to the production of descriptive and quantified documents within the design cost management process for the purposes of tendering, estimating and construction cost management practices within the construction and infrastructure sectors. This unit develops a deeper appreciation of the measurement of more complex work sections and trades focused on more complicated structural trades and the development and application of suitable and accurate construction cost management documents in a concise and systematic manner. With the introduction to Measurement software applications you will develop strategies and abilities in

Units

dealing with more advanced virtual building graphical models as they relate to integrated practice concepts used in industry. This unit occurs in the second year of your course as it builds on the measurement attributes developed in the first year and assists you with further advanced units in Services & Heavy Engineering Measurement, construction estimating and other Cost management areas.

UXB214 Construction Estimating

Pre-requisites	UXB113 or UDB113
Equivalents	UDB213
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This intermediate unit further develops your knowledge, skills and application for estimating techniques to quantify cost. Cost quantification is a major factor in the building and development process and sound knowledge of these techniques will also be of benefit in other units within this program. This unit occurs in the later part of the second year of your course as it builds on key principles developed in earlier technology and integrative units with Cost management aspects.

UXB220 Services and Heavy Engineering Measurement

Pre-requisites	UXB213 or UDB212
Equivalents	UDB315
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit develops a deeper appreciation of the measurement of more complex areas of services and Heavy Engineering including building services (hydraulics, drainage, mechanical and electrical) and heavy engineering works within the resources and infrastructure sectors. It builds on units previously undertaken in the earlier years of the course such as the Measurement of Construction, Heavy Engineering Sector Technology and Building services.

UXB230 Site Planning

Pre-requisites	UXB131 or DEB101 or UDB161
Equivalents	UDB265
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

The objective of this unit is for you to learn, practice and apply site planning processes, techniques and skills on a selected project site. Topics include information retrieval, site appraisal and analysis techniques, constructive critique, and presentation skills.

UXB231 Planning Processes

Pre-requisites	(UXB133 or UXB134 or UDB163 or ENB274 or EGB274) and 96 credit points of study completed
Equivalents	UDB266
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

You will study the logic, role and methods of successive stages of planning including aims, information analysis and synthesis, evaluation, strategy development, monitoring and review. You will learn how to integrate widespread consultation both within communities and with other professionals to help develop flexible and widely applicable planning processes.

UXB232 Negotiation and Conflict Resolution

Pre-requisites	UXB231 or UDB240 or UDB266 or 96cp of completed study
Equivalents	UDB369
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces you to the theory and practice of negotiation and conflict resolution. In this unit you will acquire skills in effective communication, analysis of disputes and creative problem solving through active participation in role playing activities and intense investigation of real world conflicts that arise through the development of land. While it links to a previous unit in planning processes undertaken by students in the planning

course, students from other fields will be able to participate fully in the unit. This unit prepares students for negotiations implicit in the more complex group projects undertaken in the third and fourth years of study, as well as for early career professional practice.

UXB233 Planning Law

Equivalents	UDB267
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides the understanding of the basic political, policy, and legislation essential for planning professionals, whether they work in the public or the private sector. This unit provides important professional context and grounding in urban policy development, implementation, development assessment, and evaluation.

UXB301 Work Integrated Learning Built Environment

Pre-requisites	Completion of 96cp in current course
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit provides opportunities to learn from workplace experiences. It involves attendance, participation, observation, critical reflection and report writing on workplace activities. The emphasis of your critical reflection and report writing will be on identifying and analysing a number of aspects of professional relevance including, but not limited to: collaboration and teamwork; workplace, health and safety; professional conduct; ethical responsibility; workplace situation analysis; workplace negotiation and communication; risk analysis; human resource and workplace professional development; and other aspects of your workplace experience.

UXB330 Urban Design

Pre-requisites	192cp of completed study
Equivalents	UDB368
Credit Points	12
Campus	Gardens Point

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Availabilities	Gardens Point - SEM-1
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This unit develops skills in urban design analysis and communication. You will learn, practice and apply techniques and knowledge required to produce urban design plans and policies.

UXB332 Transport Planning

Pre-requisites	144 Credit Points in completed study
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces you to transport systems in selected cities around the world. This involves investigation into the schemes and policies implemented in these cities for promoting sustainable transport including walking, cycling and public transport. The unit also assists you to integrate transport modelling theory with a set of analytical approaches which are frequently used in transport planning practice. These include aggregate and disaggregate models, analysis of travel behaviour, theory of choice models, four stage transport model, parameter estimation, and model calibration. Particular emphasis is on transport surveys for collecting revealed and stated preference data, which have been prominent in travel behaviour research. Designing such surveys and analysing the data they generate form an important part of this unit.

UXH300 Research Methods Built Environment

Pre-requisites	240 Credit Points
Equivalents	UDB301
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit will introduce you to the range of research theory, philosophies, methodologies and techniques that may be utilised in answering research questions related to the built environment. A comprehensive overview of research methods will be provided in order that you are equipped to contribute to research, generally within your discipline and, in particular, your capstone research project.

UXH310 High-rise Construction

Pre-requisites	UXB210 or UDB210
Equivalents	UDB310
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

You will be taught how to construct a high rise structure from the basement to the roof. The unit has a focus on protection of the public during construction, and temporary support, and also covers issues around: demolition; temporary services; deep excavation and foundations; retention and shoring systems; general engineering of structural components; multilevel formwork; interaction of building components, systems and services; common building faults and failures and rectification; alternative forms of external cladding; waterproofing problems; and general cost planning relevant for high rise construction. It builds upon principles and theory learnt in Commercial Construction, Designing Structures, and Building Services.

UXH311 Contract Administration

Pre-requisites	LWS012 or UDB102 or EN40MJR-CVCOENG or EN01SMJ-CONSTRU or EN01SMJ-STRUENG
Equivalents	UDB312
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit develops your skills and application for the administration of construction contracts which represents one of the core applications for construction managers, quantity surveyors and cost engineers. In order to appreciate some of the commercial implications of contract administration you will study administrative implications for both parties to the contract. It links to the work previously undertaken in the earlier years of the course such as Introduction to Law and Commercial Construction Management and prepares you for the final semester projects.

UXH312 Construction Legislation

Pre-requisites	(LWS012 or UDB102) and (UXB211 or UDB215) and (UXH310 or UDB310)
Equivalents	UDB314, UXB312
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit introduces you to the Australian building law and legal frameworks specifically relevant to building work and construction activities. It introduces the National Construction Code, Queensland Building Act, Queensland Development Code, relevant Australian Standards and legislation. The unit builds upon your understanding of Urban Development Law, High-Rise Construction, Building Services and other construction management units to understand statutory building compliance and regulatory requirements to solve problems associated with building construction.

UXH314 Modern Construction Business

Pre-requisites	BSB113 or UDB104
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit prepares you to be part of a Modern Construction Business, integrating a range of legal, commercial, accounting and business concepts and practices within the specific context of construction. Topics you will cover include: commercial Law; sale of goods; hire purchase; trade practices; negotiable instruments; insurance law; partnership law and company law; bankruptcy and liquidation; standard accounting practices; taxation; business protocol and ethics; business plans; entrepreneurship; assessing business risk; professional liability; human relations; human resource and personnel management; business management; debt management. This unit builds on knowledge developed in Introductory Economics and Law, and complements Statutory Construction Law.

UXH321 Cost Planning and Controls

Pre-requisites	UXB114 or UDB112
Equivalents	UDB316
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit develops your understanding of the fundamental principles of cost management including design and construction cost planning and project controls, along with your ability to apply important techniques in managing project cost in the context of working closely in multidisciplinary teams.

UXH331 Environmental Analysis and Planning

Pre-requisites	(UXB230 or UDB265) or (ENB274 or EGB274 or DLB600 or DAB525)
Equivalents	UDB370
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

This unit increases your understanding of environmental analysis and planning issues, policies, and methods, aiming to prepare you for incorporation of environmental objectives and constraints in professional practice. In this unit you will engage in dialogues on contemporary environmental dilemmas, exploring ethical and practical aspects which underpin conflict. You will further refine skills acquired in site analysis units by learning to create and modify spatial models to facilitate collaborative problem-solving. These skills will aid in preparations for final year planning studio units as well as professional practice.

UXH400 Research Project 1 - Part A

Pre-requisites	288 cp of completed study and UXH300. UXH300 can be studied in the same teaching period as UXH400-1
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Research Project 1 - Part A and

Research Project 1 - Part B are the capstone research units for the Bachelor of Urban Development (Honours) degree that draw together the theory, practice and the urban development fundamental discipline knowledge that have been covered in the coursework studied in the previous six semesters of the program. In this unit (Part A), you are required to identify a research related issue or problem and prepare a comprehensive, independent research proposal. In UXH400-2 (Part B) you will complete your proposed research. The purpose of these units is to prepare you for your transition to the professional world and for further research study.

UXH400 Research Project 1 - Part B

Pre-requisites	UXH400-1
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1, SEM-2

Research Project 1 - Part A and Research Project 1 Part B are the capstone research units for the Bachelor of Urban Development (Honours) degree that draw together the theory, practice and the urban development fundamental discipline knowledge that have been covered in the coursework studied in the previous six semesters of the program. Students are required to identify a research related issue or problem and apply their learning to carry out a comprehensive, independent research based project or study which is designed to extend and broaden their understanding of the chosen issue. The purpose of these units is to prepare students for their transition to the professional world. You will be expected to demonstrate leadership/initiative, ethical and professional behaviour in this unit and reviewing peers' work.

UXH410 Strategic Construction Management

Pre-requisites	UXH310 or UDB310
Equivalents	UDB410
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Strategic Construction Management is a capstone unit. It is the last of a series of

construction units and consolidates skills learned throughout your degree. This unit will prepare you for administrative and contractual interactions that occur between the contractors and sub-contractors during a project to efficiently and successfully operate a building company with a strategic focus on delivering multiple building projects on time, within budget and of a high quality, while maintaining a safe work environment on site. It will teach key skills you will need to manage a project, business and company, including effective resource management and the ability to model the performance of the company over prescribed business periods.

UXH411 Programming and Scheduling

Pre-requisites	(UXB210 or UDB211) and (UXB213 or UDB212)
Equivalents	UDB313
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit develops your knowledge, skills and resource planning techniques in the process of time management. Controlling time and resources is an essential task in construction project management. This unit provides students an understanding in time management and real world practical skill sets in preparing project programs. This unit occurs in the final year of your course as it consolidates skills you have developed in the area of construction and project management.

UXH420 Risk Management in the Resources Sector

Pre-requisites	(UXB120 and UXH321) or UDB316
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit develops your knowledge, skills and application within the Heavy Engineering/ Capital intensive/Resources sectors relating to facilities management and procurement within the Engineering, Procurement, and Construction Management (EPCM) cost controls (capital expenditure/project controls) area building on earlier links to units like Cost

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Planning & Controls. Planning and scheduling will be studied developing an appreciation and linkage between current Integrated project delivery methods and programming software within the context of productivity logistics and safety and risk management. The unit will also analyse mega projects and social impacts within a case study context. It links to work previously undertaken in Introduction to Heavy Engineering Sector Technology, Cost Planning & Controls and Contract Administration and provides opportunities to undertake further research within the final year capstone projects.

UXH430 Planning Theory and Ethics

Pre-requisites	192 Credit Points of completed study
Equivalents	UDB473
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit will introduce you to ethical and planning theory. Classical theories in ethics provide an essential foundation to planning practice. Planning theory offers an insight into different justifications of how and why we work as planners.

UXH431 Urban Planning Practice

Pre-requisites	UXB231 or UDB266
Equivalents	UDB471
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-1

This unit is designed to develop and apply analysis, synthesis, problem-solving, and policy formulation skills to strategically plan the development of a local government area or a neighbourhood. Contemporary planning techniques are introduced during the lectures, where these techniques are then applied during tutorials on the real-world projects.

UXH432 Community Planning

Pre-requisites	(UXB231 or UDB266) and 192cp of completed study
Equivalents	UDB472

Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

Students gain information on the many issues involved in community planning, including affordable housing, environmental quality and design, employment, human services, community access and culture. They learn to recognize the impacts of social and physical change on communities at scales varying from the local to the global. Building on knowledge and skills acquired earlier in the course, they formulate policies and develop solutions involving community consultation and conflict resolution to link government policies to local action.

UXH433 Regional Planning

Pre-requisites	192 Credit Points of completed study
Equivalents	UDB475
Credit Points	12
Campus	Gardens Point
Availabilities	Gardens Point - SEM-2

You will learn to focus and apply material from a wide range of disciplines and locations to understand and develop current regional and metropolitan policy and apply the knowledge of policy formulation and skills of analysis and synthesis to real world problem-solving at a scale which is larger than a single local government.

XNB151 Food and Nutrition

Co-requisites	XNB148
Equivalents	PUB201
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit introduces the food and nutrition system and its role in health. It will cover food and its constituents, changing requirements throughout the lifecycle and the application of dietary assessment methodologies and food selection guides. Basic skills to search and appraise scientific literature are developed here to underpin more advanced studies in Nutrition Sciences. This unit is also of interest for students from a range of study area with an interest in nutrition.

XNB172 Nutrition and Physical Activity

Equivalents	HMB172
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit introduces you to the role of appropriate nutrition and physical activity in the creation and maintenance of optimal health according to the national guidelines. The unit develops foundational knowledge established from evidence based practice. The focus is on the importance of a healthy lifestyle in multiple contexts and developing an appreciation of the complex factors which influence individual and population behaviours. The unit complements XNB151 Food and Nutrition. This unit develops the knowledge and skills required to underpin later units which address the role of nutrition and physical activity in the prevention and management of disease and enhancement of wellbeing. It is also relevant for students from a range of study areas where nutrition and physical activity are applicable.

XNB173 Foundational Practice in Exercise Science

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

As a practising exercise or sport scientist or an exercise physiologist, it is essential to understand professional identity, how your own profession fits with other professions and how evidence systematically informs practice. This unit introduces you to the profession, other health and sporting professions, potential career pathways, skill competencies relevant to practice and how research informs evidence based practice within the profession. The unit focuses on professional identity, self identity, interprofessional awareness, communication skills, professional skills, reflective skills and research skills. The second and third year units will build on these foundation skills towards a final semester capstone unit.

XNB174 Principles of Coaching and Instructional Practice

Anti-requisites	XNB295
Credit Points	12

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Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This first year unit aims to develop your knowledge and skills for teaching physical activities and coaching sports. The unit focuses on how to design tasks and spaces and organise groups or individuals for learning events.

Additionally, you will learn about the key principles needed to communicate effectively and to help those who struggle to find solutions to movement and exercise challenges. Key disciplinary features will be pedagogical and learning science, organisational systems and feedback systems, understood through the social justice principle of equity.

XNB175 Exercise Psychology

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This first year unit introduces you to the important role psychology plays in understanding people's engagement in and attitude towards exercise. As a foundational unit, it focuses on key concepts and models in the exercise psychology field. Upon completion, you will have a greater understanding of why people do and do not engage in regular exercise, the psychological consequences of such behaviours, how people might be motivated to change their exercise habits and how to assist clients develop resilience towards exercise participation.

XNB176 Physical Activity and Health

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

The first year unit focuses on the role of physical activity in enhancing health at an individual, community and population level. Upon completion, you will be able to measure physical activity and comprehend the relationships between physical activity and health and evaluate physical activity health promotion strategies.

XNB177 Sport and Exercise Across the Lifespan

Credit Points	12
Campus	Kelvin Grove

Availabilities	Kelvin Grove - SEM-2
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This introductory unit which focuses on the impact of development and aging on exercise and sport participation across the lifespan, beginning with childhood and continuing with each major life stage through to old age. You will explore the factors influencing growth, development of fundamental motor development, influence of growth and development on exercise participation, the contribution of exercise to health, bone health, body composition and the importance of exercise for healthy aging.

XNB197 Foundations of Health Education

Anti-requisites	XNB171
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit will develop foundation level knowledge and professional skills required for contemporary health education in school settings including early exposure to inquiry based learning in classroom settings. It focuses on fundamental health concepts, critical analysis of health determinants and managing classroom teaching environments. The unit will also engage you in media representations of health as a way of recognising that health is not a stable concept and varies according to personal circumstances, environmental parameters and personal histories. This experience will support further development of professional skills within the units XNB291 HPE Curriculum Studies 1 and XNB394 Advanced Health Education.

XNB198 Introductory Sport and Exercise Science for Teachers

Anti-requisites	XNB298
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit will develop your knowledge of the physiological responses to exercise in children and youth. The influence and impact of growth and maturation on the immediate and long-term responses to movement and exercise will be a particular focus of the unit. You will come to understand how biological changes across the span of childhood into early adult life have a profound impact on how

motor skills are learning and performed and how this might inform the teaching and learning processes that are covered in other units in the course.

XNB199 Sport and Exercise Science for Teachers 2

Pre-requisites	XNB198
Anti-requisites	LSB142
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit will develop your knowledge of biomechanics of movement relative to conventional needs in school physical education lessons. The focus of the unit is on a scientific understanding of the practical elements of movement with special reference to the immediate and long term neuromuscular responses to exercise in children and youth.

XNB250 Food Science

Pre-requisites	XNB151 or PUB201 (This unit is available ONLY in courses where listed as a core unit)
Equivalents	PUB474
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is in the developmental stage of your course and introduces you to elements across the food supply chain from paddock to plate. The unit exposes you to aspects of food science including the composition of food and its behaviour, food product development, food selection and evaluation and food spoilage and preservation. Laboratory based workshops enable students to develop practical skills in food preparation and use an experimental approach to develop understanding of the scientific principles that govern the changes occurring during food preparation. Food Science prepares you for units later in the course that require an ability to apply practical aspects of food and food preparation as part of interventions to prevent or solve nutrition problems.

XNB251 Nutrition Science

Pre-requisites	(LSB308 or LQB381) and (XNB151 or PUB201)
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Units

Co-requisites	LQB481
Equivalents	PUB405
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

Nutrition Science investigates the biochemistry and physiology of macro and micronutrients and their manipulation in the prevention and management of nutrition problems in individuals, groups and populations. It integrates nutrition knowledge with the science of biochemistry and physiology, and provides the foundation on which further studies of nutrition and dietetics can be built.

XNB252 Nutrition across the Lifecycle

Pre-requisites	XNB151 or PUB201 or XNB172 or HMB172 or CSB441
Equivalents	PUB648
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit covers nutrition as it relates to the life-cycle phases beginning with pre-conception and continuing with each major life stage through to old age. This unit further develops your knowledge of nutrition to an intermediate level and concentrates on the promotion of health and prevention of disease. The unit will focus on nutrition requirements and practical food based advice for each lifecycle stage as well as taking into consideration social and cultural food patterns such as vegetarianism.

XNB271 Motor Control

Pre-requisites	LSB131 or LSB231
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit explores the theories and concepts in motor control and learning, specifically how we control actions in everyday and skilled behaviours, and how this capability is acquired. It also teaches you to select and assess motor skill performance.

XNB272 Biomechanics

Pre-requisites	LSB131
Equivalents	HMB272
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit introduces you to the major biomechanical factors that underpin human movement, with a special focus on locomotion.

XNB273 Exercise Physiology

Pre-requisites	LSB231
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SUM

This unit examines the physiological responses, mechanisms, and adaptations to acute and chronic exercise. Building upon the work previously completed in LSB231 Physiology, the unit will focus on the metabolic, cardiovascular, pulmonary, and neuromuscular system requirements of exercise at varying intensities, durations, and types. Practical skills will be developed to monitor and assess the physiological perturbations associated with exercise that may have implications for both physical performance and health-related fitness. The knowledge and skills gained provide the basis for advanced application and competencies as the course progresses.

XNB274 Functional Anatomy

Pre-requisites	LSB131
Equivalents	HMB274
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SUM

Functional Anatomy builds on the structural knowledge provided in anatomy (LSB131) to develop an understanding of the functional significance of anatomy to driving human movement. You will perform movement analysis to understand the muscles, joints complexes and actions involved in controlling human movement.

XNB277 Exercise and Sports Nutrition

Pre-requisites	XNB172 or
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Pre-requisites	HMB172 or XNB151 or PUB201
Equivalents	HMB277
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit builds on the nutrition unit in first year (XNB151) and applies the nutritional principles to the sport and exercise setting.

XNB278 Skill Acquisition

Pre-requisites	XNB174
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit has a focus on skill acquisition in sport and physical activity and recreational settings. It will prepare you to assess individuals and team skill performance and use the findings to design and deliver programs to improve skilled performance or remediate movement problems. Additionally, you will learn to critically appraise skill practice environment or programmes developed by practitioners and provide evidence-based recommendations on the program's learning effectiveness, its stated goals and whether these can be genuinely realised using the approach under scrutiny.

XNB280 Exercise Conditioning

Pre-requisites	XNB273
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit enables you to acquire the capabilities of planning, implementing, monitoring and delivering a broad range of aerobic and anaerobic exercise program variables for individuals and groups, building on knowledge and competencies acquired in the first year and a-half of the course.

XNB282 Resistance Training

Pre-requisites	XNB274 or HMB274
Equivalents	HMB282
Credit Points	12
Campus	Kelvin Grove

Units

Availabilities

Kelvin Grove
- SEM-2

A practising exercise or sport scientist is expected to understand both theoretical and practical competency in understanding movement characteristics and prescribing exercise which develops functional capacity. The resistance training unit has a focus on prescribing and delivering resistance training exercises to enhance strength and conditioning for healthy populations.

XNB291 Health and Physical Education Curriculum Studies 1

Pre-requisites	XNB174
Equivalents	HMB231
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit presents an introduction to the concepts, philosophies, pedagogies and culture of Health and Physical Education. It provides an exploration of the basic curriculum components as they apply to the planning, teaching and assessment practice in the Health and Physical Education key learning area.

XNB294 Constraint Based Learning in Performance Activities

Equivalents	HMB314
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit involves the application of movement principles to the analysis and development of techniques in all major swimming strokes, water rescue methods, and track and field events. Students explore teaching strategies, motivational, conditioning and training activities, the development of learning experiences for various ability levels and event rules application.

XNB296 Advanced Physical Activity Learning Design

Pre-requisites	XNB174 or XNB390
Anti-requisites	XNB294
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This practically based unit further develops your knowledge, understanding and skills associated with physical activity learning design and delivery introduced in XNB174 and XNB278. This is achieved through the integrated application of key principles of contemporary theories of skill acquisition, educational psychology and human intrinsic motivation to physical activity learning environments, which you experience as a learner in practical classes.

XNB351 Medical Nutrition Therapy 1

Pre-requisites	(XNB251 or PUB405) and (XNB252 or PUB648) and LQB481 and LQB488
Equivalents	PUB541, PUB641
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit develops your knowledge and skills in the application of the nutrition care process to the nutritional management of disease. The unit focuses on the application of critical thinking in the nutritional management of individual clients including assessment, diagnosis, practical food-based advice and evaluation. This unit is only for students undertaking studies in dietetics.

XNB353 Dietetic Communication, Counselling and Practice

Pre-requisites	(XNB351 or PUB641) and completion of 240cp including all core units
Co-requisites	XNH354
Equivalents	PUB645
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit focuses on the development of client-centred dietetic counselling skills. It will introduce a variety of counselling approaches, including motivational interviewing and cognitive behavioural therapy, to assist in improving nutrition outcomes through negotiated evidenced based interventions. You will be given opportunities to gather and interpret data from a client and to provide a practical nutrition plan in socially and culturally sensitive ways. This unit is only for

students undertaking studies in dietetics.

XNB370 Performance Analysis

Pre-requisites	(XNB271 or HMB271) and (XNB272 or HMB272) and (XNB273 or HMB273)
Equivalents	HMB347
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit applies the theories and concepts in exercise physiology, biomechanics, motor control and functional anatomy to analysing and monitoring human performance. It integrates the use of technology to collect, analyse and interpret data for athletes and coaches and provides you with skills that can be applied in the sports settings.

XNB371 Motor Control and Learning 2

Pre-requisites	XNB271 or HMB271
Equivalents	HMB371
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This is an advanced unit which provides an in-depth view of theories and concepts in motor learning and control; how we control actions in both everyday and skilled behaviours, and how this capability is acquired. This course provides a multidisciplinary perspective, drawing on research from psychology, neuroscience, biomechanics, robotics, neural networks and medicine. The unit is organised around the theme of sensorimotor integration as related to posture and balance, locomotion and arm movements such as reaching, grasping and pointing.

XNB372 Biomechanics 2

Pre-requisites	(XNB272 or HMB272) and (XNB274 or HMB274)
Equivalents	HMB362
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit includes the following: measurement techniques within

biomechanics; analysis of force systems; photographic, goniometric and aelectrographic analysis of movement; an introduction to viscoelasticity and biological materials; material properties; mass and inertial characteristics of the human body; applied aspects of biomechanics undertaken from a research project perspective

XNB373 Exercise Physiology 2

Pre-requisites	XNB273 or HMB273
Equivalents	HMB381
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit examines the integrated regulation of the organ system examined in Exercise Physiology 1. Within this integrated perspective current research areas will be highlighted, including but not limited to (1) exercise performance and environmental stress, (2) special aids to exercise training and performance, and (3) limitations to exercise in healthy normal individuals, elite athletes and selected patient populations.

XNB375 Applied Sport and Exercise Psychology

Pre-requisites	PYB100 or PYB012 or HMB275 or XNB275
Equivalents	HMB348
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

The application of psychological techniques and processes in sport and exercise explores theory, research and practice of methods that facilitate participation, enjoyment and optimum performance through enhancing the psychological knowledge and skills of coaches, athletes, parents, exercisers, fitness professionals, and athletic trainers. The practice of applied exercise/sport psychology involves individual and group interventions, and the capacity to select and use appropriate methods in each setting is crucial.

XNB380 Cardiorespiratory and Metabolic Disorders

Pre-requisites	(XNB271 or HMB271) and (XNB272 or HMB272) and (XNB273 or HMB273) and (XNB274 or HMB274)
Equivalents	HMB373
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit builds on foundation units to examine selected disorders of human movement that have a cardiorespiratory or metabolic basis. The unit identifies major features of each disease together with assessment methods, and forms the basis for subsequent units in clinical exercise prescription.

XNB381 Neurological, Psychological and Musculoskeletal Disorders

Pre-requisites	(XNB271 or HMB271) and (XNB272 or HMB272) and (XNB273 or HMB273) and (XNB274 or HMB274)
Equivalents	HMB378
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides you with a knowledge of the principal features of a set of neurological, psychological, and musculoskeletal disorders that prevent, limit or modify a person's capacity to move, and in turn, to undertake different forms of physical activity and exercise. It builds upon the foundational work previously undertaken with the areas of motor control, biomechanics, exercise physiology, and functional anatomy.

XNB382 Principles of Exercise Prescription

Pre-requisites	(XNB273 or HMB273) and (XNB282 or HMB282)
Equivalents	HMB382
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

A combination of theoretical knowledge and practical skills are required to enable the safe and effective prescription of appropriate exercise. This unit is designed to introduce students to these basic theoretical concepts, and to apply them to practical situations. Topics covered will include: health risk appraisal and fitness testing; dose-response and physical activity recommendations; and exercise programming and prescription. This unit builds upon materials covered in Exercise Physiology 1 and Resistance Training, and provides context for Principles of Exercise Programming.

XNB385 Principles of Exercise Programming

Pre-requisites	XNB382 or HMB382
Equivalents	HMB385
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit provides you with the knowledge and capacity to design and implement safe, effective evidence-based exercise programs for individuals and groups in order to achieve specified goals. It provides you with a structured exposure to exercise programming, covering major forms of exercise and activity modalities, the planning and logistics of exercise programs for the athletic and generally healthy population and the use of appropriate evidence in the design and implementation of programs.

XNB390 Teaching Primary HPE

Equivalents	HMB300
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit provides students with knowledge of how to integrate Health and physical education within the other key learning areas. Students learn the connection between physical activity and health and its role in meeting the developmental needs of children. Additionally, they participate in a range of learning experiences appropriate to the developmental needs of children and acquire the skills necessary to safely deliver student learning in an open environment. Topics include principles of the health and physical education years 1-10 syllabus; motor skill development and ability related expectations for

teaching HPE; planning for quality instruction and linking physical activity with health; planning and teaching HPE; classroom management and safety issues.

XNB391 Health and Physical Education Curriculum Studies 2

Pre-requisites	XNB291 or HMB231
Equivalents	HMB331
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit extends the principles of professional practice established in the earlier unit (XNB291) and further encourages you to develop a critically reflective approach to your teaching. It is designed to extend your professional practice with a range of understandings and competencies for interpreting and managing the Health and Physical Education classroom as a complex environment for teaching and learning. It assists you to develop competencies needed for planning and teaching a range of Health and Physical Education units of work.

XNB393 Learning through physical activity

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - 6TP4

Schools are giving greater attention to physical activity programs in their key role as a health setting. It can be difficult to provide physical activity opportunities when constrained by institutional, teacher and student related barriers impacting on both delivery and participation. This unit looks at opportunities, technologies, and pedagogical approaches for primary education teachers to overcome the perceived barriers to extending the amount of physical activity in the school day. Emphasis will be on a range of curriculum topics that engage primary school students through the medium of physical activity in a way that ensures young people are given the opportunities in the broader life of the school to become physically educated individuals.

XNB396 Child and Adolescent Health

Equivalents	HMB333
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit focuses on the wide range of factors that impact on the health of individuals in the two crucial stages of life: childhood and adolescence. An analysis is made of knowledge, beliefs and skills required for promoting health-enhancing behaviours during these ages and experience is provided on some of the skills needed to assess and maintain the health status of children and adolescents.

XNB397 Administration of School Sport and HPE

Equivalents	HMB337
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

School physical education departments and sporting associations are medium-sized organisations requiring direction for servicing a large client base. In this unit students examine the role of administrators and the administration of monies, facilities and human resources in a school physical education and sports setting.

XNB451 Clinical Practice in Individual Dietetic Case Management

Pre-requisites	(XNB353 or PUB645) and (XNB351 or PUB641) and (XNB352 or XNH352 or PUB506) and (XNB354 or XNH354 or PUB628)
Equivalents	PUB723
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

Students require skills in the management of nutritional care of clients in clinical settings to a standard that allows entry to the Dietetics profession. The application of evidence-based strategies using the framework of the nutrition care process (nutrition assessment, diagnosis, intervention, monitoring and evaluation) will support provision of high

level nutrition care to clients representing a variety of disease states.

XNB452 Clinical Practice in Community and Public Health Nutrition

Pre-requisites	Completion of 288cp including (XNB350 or XNH350 or PUB509)
Equivalents	PUB725
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

Clinical Practice in Community and Public Health Nutrition integrates theory with practice in the workplace setting. The Work Integrated Learning placement allows you to synthesise your specialised knowledge and experiences from across your degree and in particular XNB350 into a real life project. Your broad, coherent knowledge of the food system will align with vital skills in project management to implement nutrition education sessions as preparation for your transition to practice.

XNB453 Professional Practice in Nutrition

Pre-requisites	LQB481 and (LQB488 or LSB250) and (XNB255 or XNH355) and (XNB350 or XNH350 or PUB509) and (XNB251 or PUB405) and LQB488 and XNB252 and XNB345 and completion of 240cp including all core units
Anti-requisites	XNB452
Equivalent s	PUB875
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

This unit provides students with the opportunity, in real world settings, to further develop knowledge, confidence and skills to apply theoretical principles covered in earlier years in the area of community and public health nutrition practice. [Designated unit]

XNB454 Clinical Practice in Foodservice Management

Pre-requisites	Completion of 288 cp including (XNB353 or
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Units

	PUB645) and (XNB352 or XNH352 or PUB506)
Equivalents	PUB822
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

Practice in the area of foodservice management is vital to integrate knowledge of standards, food legislation and regulations theory with clinical practice. Dietetic professionals manage foodservices or components of foodservices to provide safe and nutritious foods for groups, and this unit provides opportunities to engage in real-life food and nutrition service settings to undertake quality improvement initiatives to consolidate your skills and competence in this area. The unit expectations meet the Dietitians Association of Australia minimum practice requirements.

XNB455 Dietetic Business Management

Pre-requisites	Completion of 288 credit points including (XNB353 or PUB645) and (XNB350 or XNH350 or PUB509)
Equivalent s	PUB730
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

In an increasingly competitive environment, entry level dietitians need knowledge of the true cost of a business and skills to plan, market and evaluate a business and service. This is in the final year of your course and builds on your understanding of management principles, and integrates with your professional practice placements in nutrition and dietetics

XNB457 Contemporary Issues in Nutrition and Dietetics

Pre-requisites	XNB353, (XNB354 or XNH354), XNB451, XNB452, XNB454 and (XNB456 or XNH456). XNB451, XNB452, XNB454 and XNB456 can be enrolled in the same teaching period as XNB457.
Anti-requisites	HLB402

Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit explores the evidence base for emerging areas of nutrition and dietetics. You will engage with researchers and experts to extend your skills in critical analysis of evidence and theoretical constructs in controversial areas relevant to practice now and in the future.

XNB470 Sport and Exercise Science Practicum 1

Pre-requisites	XNB382 and (XNB280 or XNB385). XNB385 may be enrolled in the same study period as XNB470
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

As a practising exercise or sport scientist it is essential to consolidate professional skills and practice in preparation for entry into the workforce. This unit provides an opportunity for you to integrate and practice skills in real world settings. All work integrated learning opportunities will be through QUT approved placement sites, under the supervision of qualified supervisors.

XNB483 Clinical Exercise Physiology Business Practice

Pre-requisites	XNH481 and XNH482 and XNB489. XNB489 can be enrolled in the same teaching period as XNB483
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

In an increasingly competitive environment, entry level exercise physiologists need knowledge of how to set themselves up to practise as an accredited exercise physiologists, operate within a clinical practice or how to establish an exercise physiology business. The unit identifies the legal, ethical, and professional frameworks that guide practice. Essential knowledge in setting up and operating an exercise physiology practice and integrating services with other allied health professionals will be explored. This unit is in the final year of your course and

integrates with your clinical placements.

XNB488 Clinical Exercise Physiology Practicum B

Pre-requisites	(XNB387 or XNB470) and (XNH481 or XNB481) and (XNH482 or XNB482). (XNH481 or XNB481) and (XNH482 or XNB482) can be enrolled in the same teaching period as XNB488
Equivalent s	XNB484
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

As a practising clinical exercise physiologist it is essential to consolidate professional skills and practice in preparation for entry into the workforce. This unit builds on the first placement experience working with healthy clients (XNB387 Practicum A), providing opportunities to integrate and practise skills in real world settings. All work integrated learning opportunities will be through QUT approved placement sites, under the supervision of qualified supervisors.

XNB489 Clinical Exercise Physiology Practicum C

Pre-requisites	(XNB387 or XNB470) and (XNH481 or XNB481) and (XNH482 or XNB482). XNH481 and XNH482 may be enrolled in the same study period as XNB489.
Equivalent s	XNB485
Credit Points	24
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1, SEM-2

As a practising clinical exercise physiologist it is essential to consolidate professional skills and practice in preparation for entry into the workforce. This unit builds on the first clinical placement experience, providing opportunities to integrate and practise skills in real world settings, with a primary focus in the domains of practice not covered in Practicum B. All work integrated learning opportunities will be through QUT approved placement sites, under the supervision of qualified supervisors.

XNB491 Advanced Health and Physical Education Curriculum Studies

Pre-requisites	XNB391 or HMB331
Equivalents	HMB431
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is the culminating unit of the Health and Physical Education component of the course. The focus of the unit is on the application of principles learned throughout the course in both HPE curriculum and HPE discipline units within the framework of the Senior Physical Education syllabus.

XNH279 Evidence Based Practice in Exercise Science

Pre-requisites	XNB173
Equivalents	XNB276
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit focuses on gathering evidence around exercise science practice and making sense of evidence to inform exercise science practice. Skills in interpretation of evidence will be developed and an overview of various approaches to research will be examined to enable you to be effective consumers of research. This unit builds upon the evidence-based practice and research work previously completed in XNB173. The unit also introduces the research processes and statistical concepts that may be used to inform and drive improvements in practice.

XNH350 Community and Public Health Nutrition

Pre-requisites	XNB151
Equivalents	PUB509, XNB350
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit is in the third year of your program and is core to your development in the area of community and public health nutrition an essential competency for both nutritionists and dietitians. It

explores issues in public health nutrition and provides you with the necessary skills to undertake program planning and evaluation in the application of nutrition to communities and populations.

XNH352 Foodservice Management

Pre-requisites	XNB250 or PUB474
Equivalents	PUB506, XNB352
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit develops your knowledge and skills in the application of a systems approach to food and nutrition services. It introduces management and leadership principles and facilitates their application in a variety of settings. This unit develops your competencies in foodservice management which is essential as an accredited practising dietitian.

XNH354 Medical Nutrition Therapy 2

Pre-requisites	XNB351 or PUB641
Co-requisites	XNB353
Equivalents	PUB628, XNB354
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This unit consolidates your knowledge and skills in the application of the nutrition care process to the nutritional management of disease focussing on more complex cases and/or co-morbidities. The application of critical thinking in the nutritional management of individual clients includes the assessment, diagnosis, practical food based advice and evaluation. This unit is only for students undertaking studies in dietetics.

XNH355 Nutrition Assessment

Pre-requisites	XNB151 or (XNB172 and XNB252)
Equivalents	XNB355
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove

- SEM-1

This unit will develop your knowledge, skills and application for nutrition and diet-related data collection methods at the individual, group and population level. It will continue to develop your ability to write a systematic review by identifying, synthesising and applying evidence to practice problems across the continuum of care and to develop your clinical reasoning and advocacy skills to improve outcomes at an individual and population level.

XNH456 Dietetic Leadership and Management

Pre-requisites	Completion of 288cp including (XNB353 or PUB645) and (XNB351 or PUB641) and (XNH352 or PUB506)
Equivalent s	XNB456
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This is a capstone unit for nutrition and dietetics, and occurs in the final semester of the program. It converges the knowledge, skills and attributes you have developed over this course to enable you to be a reflexive nutrition and dietetics leader in increasingly complex environments.

XNH480 Clinical Exercise Physiology Professional Practice

Pre-requisites	XNH481 and XNH482 and XNB488 and XNB489. XNB488 and XNB489 can be enrolled in the same teaching period as XNH480
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-2

This capstone unit is a final year unit that will draw together the exercise physiology student's learning from their entire course, bringing together knowledge and competencies that consolidate students as beginning practitioners.

XNH481 Clinical Exercise for Cardiorespiratory, Renal and Metabolic Disorders

Pre-requisites	(XNB380 and XNH386 and XNB387) or (XNB380 and XNB470)
Co-requisites	XNH482
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit applies your knowledge and skills developed in XNB380 and XNH386 associated with the assessment and programming of exercise and activity for individuals with cardiorespiratory and metabolic disorders. The unit focuses on the screening, assessment, prescription and evaluation of exercise and activity in the treatment and management of these disorders, including disease-specific considerations in preparation for your transition to professional practice.

XNH482 Clinical Exercise for Musculoskeletal and Neurological Disorders

Pre-requisites	(XNB381 and XNH386 and XNB387) or (XNB381 and XNB470)
Co-requisites	XNH481
Credit Points	12
Campus	Kelvin Grove
Availabilities	Kelvin Grove - SEM-1

This unit applies your knowledge and skills developed in XNB380 and XNH386 associated with the assessment and programming of exercise and activity for individuals with with neurological and musculoskeletal disorders. The unit focuses on the screening, assessment, prescription and evaluation of exercise and activity in the treatment and management of these disorders, including disease-specific considerations in preparation for your transition into professional practice.