Unit Synopses

AMB031 Mandarin 1

Anti-requisites	HHB051 and HUB453
Equivalents	AMX031, HHB031
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

This subject 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
Teaching Periods	2014 SEM-1 (INT)

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; or 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 should enrol in AMB030 Mandarin for Chinese.)

AMB034 Mandarin 4

Pre-requisites	AMB033 or HHB033
Equivalents	AMX034, HHB034
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This 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.

AMB041 International Intensive Program

Equivalents	HHB056
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SUM-2 (BLK)

This is an intensive unit delivered by visiting Chinese academics that will present a unit on 'CONDUCTING Business with China'.

AMB042 International Summer School or Equivalent

Equivalents	HHB057
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SUM (BLK)

Please contact the School of AMPR for more information.

AMB043 In-Country Study - A

Equivalents	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.
Credit Points	48
Campus	null

This unit involves an approved course of study at a designated foreign institution for one semester.

AMB044 In-Country Study - B

Pre-requisites	AMB043
Equivalents	HHB059
Credit Points	48
Campus	null

This unit involves an approved course of study at a designated foreign institution for one semester.

AMB045 Chinese - English Translation for Business 1

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 for Business 2

Pre-requisites	AMB045
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This 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 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.

AMB047 Chinese - English Interpreting for General Purposes 1

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 Interpreting for General Purposes 2

Pre-requisites	AMB047
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT); 2014 6TP4 (INT)

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 and Caboolture
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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 and Caboolture
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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	Caboolture and Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 support of overall brand and product/service marketing objectives.

AMB203 Independent Study

Anti-requisites	COB206
Other requisites	Subject to Unit Coordinator Approval
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT); 2014 SUM (INT)

An opportunity for advanced level undergraduate students to undertake individual research in an area which is complementary to their course work.

AMB204 Purchasing and Procurement

Pre-requisites	BSB119 or CTB119
Anti-requisites	IBB312
Equivalents	AMX204
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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 a 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.

AMB208 Events Marketing

Pre-requisites	BSB126 or CTB126
Anti-requisites	MIB319
Equivalents	AMB354
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Events have become significant strategic marketing tools for positioning products/services, industries, destinations and community interests at the local, national and global levels. The unit initially explores various types, roles and objectives of events and the profile and motives of event markets and stakeholders. Key topics include: processes of attracting or developing the event experience including bidding processes; partnership creation with sponsors, media and community; venue selection and design relative to market/stakeholder needs; ticketing/pricing or access management and imaging the event from an integrated marketing communication perspective. Local and international cases are used.

AMB209 Tourism Marketing

Pre-requisites	BSB126 or CTB126

Equivalents	AMB351
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit examines the tourism system and the unique characteristics of tourists, segmentation bases for tourist markets, the nature of the tourist destination mix and how marketing is applied within elements of that mix. Services marketing concepts and theories of tourist behaviour are utilised in the analysis of the tourism experience; processes of destination and product development to meet market needs; and, strategy development to accommodate domestic and international tourism marketing environments. Macro-environmental issues impacting on tourism, such as sustainability of the industry and environment, the sociopolitical context in which marketing occurs and global trends in travel are also explored for their marketing implications.

AMB210 Importing and Exporting

Pre-requisites	BSB119 or CTB119
Equivalents	AMX210, IBB210
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 entailed in the management of trade. Import and export practice 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 importing and exporting for Australia's economic development, provides key information related to importing and exporting, uses industry perspectives on issues of current importance in international trade and provides a structured tutorial programme to achieve this.

AMB220 Advertising Theory and Practice

Pre-requisites	BSB126, CTB126, BSB116, or BSB117
Anti-requisites	COB308
Equivalents	AMX220
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 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.

AMB230 Digital Promotions

Pre-requisites	BSB126, CTB126, or BSB112
Anti-requisites	COB218
Equivalents	AMX230
Credit Points	12
Campus	null

This subject addresses an important area of business activity and explores the way in which the Internet is changing marketing practice. The foundations of promotion are examined and applied online. The nature, history, and social implications of the Internet are explored. The promotional mix is analysed with a strong focus on developing successfully integrated web sites for organisations. Learners will develop skills in strategic planning, creative strategy, design, web development as it relates to advertising and promotion, research, and campaign evaluation. Learners will gain important skills in the planning, developing and marketing of websites.

AMB240 Marketing Planning and Management

Pre-requisites	BSB126 or CTB126
Equivalents	AMX240, CTB240
Credit Points	12
Campus	Gardens Point and Caboolture
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 role of the marketing manager at the product management level in undertaking analysis, planning, implementation and control of marketing activities.

AMB249 Professional Selling

Pre-requisites	BSB126, CTB126, or BSB116
Anti-requisites	MIB230
Credit Points	12
Campus	null

Many students land their first job in a graduate sales position. Professional selling equips students with a contemporary understanding and knowledge of customer relationship management, the sales force environment, personal selling techniques and communications skills. Further, students will be exposed to international benchmarks from a selling processes perspective such as identifying prospects, planning sales calls, demonstrations, negotiations, and closing the sale. There are many exciting and challenging roles in sales, some of which are: sales representative, sales team leader, client account manager, and eventually: regional, state, national and international sales management positions.

AMB251 Innovation and Brand Management

Pre-requisites	BSB126, BSB116, or CTB126
Anti-requisites	MIB227
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit covers the dynamics of product and service innovation within the marketing function of an organisation. Products are defined in the broadest sense as both tangible and intangible and include the various categories of consumer and industrial products and services. The course covers product market analysis, the product/service development process, research and testing, new product financial analysis, branding and new product commercialisation.

AMB263 Introduction To Public Relations

Pre-requisites	BSB126, CTB126, BSB116, or BSB117
Equivalents	AMB260, AMX263
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 assumed to have basic knowledge of public relations: readings and other support material will be provided before the beginning of semester to help students attain that knowledge if required.

AMB300 Independent Project 1

Other requisites	Subject to Unit Coordinator Approval
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

Please contact the School of AMPR for more information.

AMB301 Independent Project 2

Other requisites	Subject to Unit Coordinator Approval
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SUM (INT)

Please contact the School of AMPR for more information.

AMB302 Project

Other requisites	Subject to Unit Coordinator Approval
Credit Points	24
Campus	Gardens Point
Teaching Periods	2014 SUM (INT)

Please contact the School of AMPR for more information.

AMB303 International Logistics

Pre-requisites	(AMB240 or CTB240) or (AMB210 or IBB210). AMB210 can be studied in the same teaching period as AMB303
Equivalents	AMX303, IBB303
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

AMB304 Logistics Operations

Pre-requisites	AMB210
Equivalents	AMX304
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit is designed to provide strategic and practical knowledge of the role of logistics operations within the context of contemporary business. This unit extends the study of logistics and completes the logistics major offering.

AMB310 Internship

Other requisites	Completed 192 credit points or more; major in advertising, international business or logistics, marketing or public relations; and GPA of 4.0 or higher. Placements must be approved by Unit Coordinator. Placements are minimum of 120 hours
Credit Points	12
Campus	null

The unit provides real world learning experiences for undergraduate students majoring in advertising, international business or logistics, marketing or public relations. 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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit 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	(AMB318 or AMB221) and (AMB319 or AMB222)
Equivalents	AMX320
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This advanced unit 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
Teaching Periods	2014 SEM-2 (INT)

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.

AMB335 E-marketing Strategies

Pre-requisites	AMB240 or CTB240, and AMB201 or CTB201
Equivalents	AMB241, AMX335
Credit Points	12
Campus	Caboolture and Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

E-Business and mobile commerce technologies have emerged as defining technologies for companies in the 21st century. This unit focuses on e-marketing applications and strategies and the marketer's role in developing solutions that integrate new and old economies. Drawing on their knowledge of marketing principles, students will examine the diverse applications of technology in product and service design; product distribution/service delivery and logistics; promotional strategies and other marketing components. The unit also explores the role of emerging electronic models and the use of e-

marketing strategies to achieve global competitive advantage.

AMB336 International Marketing

Pre-requisites	AMB240, CTB240, AMB210, or IBB210
Equivalents	AMX336, IBB213
Credit Points	12
Campus	Gardens Point and Caboolture
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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	Caboolture and Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 services 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.

AMB342 Strategic Procurement

Pre-requisites	AMB204
Equivalents	AMX342
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit is designed to provide knowledge of strategic procurement practices and practical knowledge of the role of procurement within the contemporary logistics industry. This unit extends the study of procurement and its place in a modern firm.

AMB350 Business Development Management

Pre-requisites	AMB240 or CTB240 or AMB202 or COB207 or MIB217 or AMB249
Anti-requisites	MIB230
Equivalents	AMX350
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The dynamic change in the business development management arena forces businesses that want to achieve sustainable growth to rethink their approach to sales and client relationship management. AMB350 will build on the students' own experiences to advance their theoretical knowledge and practical skills. This unit will cover a wide range of scenarios (industries/markets). Sales and relationship management processes will get examined from the management's point of view as well as from the professional sales person's point of view.

AMB359 Strategic Marketing

Pre-requisites	AMB340, and AMB335 or AMB241
Equivalents	AMB341, AMX359
Credit Points	12
Campus	Gardens Point and Caboolture
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Emphasis of the capstone Marketing unit is on the role of marketing manager at the corporate and strategic business unit/division levels. Students are exposed to a variety of strategic marketing techniques and issues, and learn how to apply these in corporate planning and management. Topics include: developing and critiquing strategic marketing planning models; recognising the importance of market focus; determining what marketing strategy can realistically be accomplished for a business; identifying underlying factors that must be considered in developing marketing strategy for a market-oriented organisation; discussing problems in successful implementation of marketing strategy; and organising for successful strategy implementation.

AMB369 International Business Strategy

Pre-requisites	AMB336, AMB303, IBB303, or IBB213
Equivalents	AMX369, IBB300
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit focuses on the definition and implementation of corporate 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 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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Public Relations Management develops student knowledge and skills in the development and management of public relations programs in an organisational setting. Key concepts relevant to the practice of public relations include corporate reputation, internal communication, organisational culture and change programs, corporate social responsibility, and issues and crisis management.

AMB379 Public Relations Campaigns

Pre-requisites	AMB374 or AMB370, and AMB201 or CTB201
Equivalents	AMB361, AMX379
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

AMN400 Consumer Behaviour

Anti-requisites	MIN419
Equivalents	AMX400
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

-

AMN403 Marketing and Survey Research

Anti-requisites	MIN413
Equivalents	AMX403
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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
Teaching Periods	2014 SEM-1 (INT, EXT), 2014 SEM-2 (INT, EXT); 2014 SUM (INT, EXT)

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 Cases in Integrated Marketing Communication

Pre-requisites	AMN401
Equivalents	AMX405
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

This unit provides students with the opportunity to explore a range of topics related to the integration of the elements of the promotional mix-advertising, personal selling, reseller support, publicity, direct marketing, and sales promotion. Through the use of intensive case study analysis and discussion, students will refine conceptual understanding and analytical skills to explore such IMC topics as brand equity and IMC, IMC approaches to promotions management, organisational issues related to structuring corporate IMC functions, environmental analysis and database marketing to inform IMC planning, and IMC strategies and the development of corporate advantage.

AMN406 Project

Pre-requisites	60 credit points of approved prior studies in Advertising, Marketing and Public Relations units (AMN% units)
Anti-requisites	CON405
Equivalents	AMX406
Credit Points	24
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT), 2014 SEM-2 (INT, EXT); 2014 SUM (INT, EXT)

In this unit, students examine in detail a theoretical or empirical problem in one of the disciplines of advertising, marketing, public relations, or integrated marketing communication. The study is based in the published journal literature of the discipline and may involve primary research and analysis. Students can develop a communication audit of an organisation or a case study related to an organisation product or issue. 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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

An opportunity for advanced level postgraduate students to undertake short-term, individual studies focusing on a problem area of advertising, marketing, public relations or integrated marketing communication.

AMN420 Advertising Management

Anti-requisites	CON417
Equivalents	AMX420
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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.

AMN421 Contemporary Issues in Advertising

Pre-requisites	AMN420
Anti-requisites	CON412
Equivalents	AMX421
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (EXT, INT)

This unit surveys the intellectual foundations of a number of contemporary issues emerging within the advertising discipline and provides sophisticated, systematic explanations of their societal implications and consequences. It also explores how these issues are addressed by business, government and organisation.

AMN422 Media Strategy

Anti-requisites	CON418
Equivalents	AMX422
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

One of the ultimate determinants of the effectiveness of any advertising campaign is the media strategy. This unit examines ways to improve efficiency in

media planning, buying, coordination and research. It examines concepts of media decision making, market targeting through the creative use of media, and strategic planning. It explores current media campaigns and encourages the development of a more creative and integrated approach to media.

AMN423 Strategies for Creative Advertising

Anti-requisites	CON419
Equivalents	AMX423
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

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

AMN430 International Logistics Management

Equivalents	AMX430, IBN410
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (EXT, INT)

In this unit students are exposed to the theoretical and planning aspects of marketing internationally. Through an applied approach, theoretical issues such as segmentation of international markets, life cycle, contingency and network approaches to international market entry choice, and market development and extension are addressed. Planning issues cover the strategic marketing processes involved, including international market research, and their application to regions and countries primarily in the Asia/Pacific region or Europe. Students are trained in the practical application of these theoretical and planning aspects through the development of an extensive international marketing plan.

AMN432 Independent Study - International Business

Equivalents	IBN422
Other requisites	Subject to Approval of Subject Area Coordinator: Students are required to complete 96 credit points of approved studies
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit enables students to pursue a specific interest beyond the content offered in existing units. In this unit students undertake a guided course of study in an aspect of international business approved prior to enrolment by the Subject Area Coordinator and developed in consultation with an appointed supervisor. The unit may comprise, as established by a learning contract, guided readings, literature critiques, a research paper on a specific topic or a project requiring application of theory to practice. The agreed format of assessment may include a literature review, a research paper, a plan of action, an oral or written examination or a combination of a selection of these items of assessment.

AMN433 Special Topic in International Business

Anti-requisites	MIN426
Equivalents	IBN426
Other requisites	Subject to Approval of Subject Area Coordinator
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This is an 'open-ended' unit where the opportunity will be available for staff and visiting scholars to offer a specialised program of study.

AMN435 Communication, Negotiation and Leadership

Equivalents	GSN235
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The unit serves as an introduction to effective leadership, communication, and negotiation processes as fundamental skills in today's organisations. In particular, it focuses on the increasing importance of such skills for Engineering, Built Environment , Project management and other professionals to bridge cultural boundaries and enhance organisational performance in an increasingly globalised world.

AMN442 Marketing Management

Anti-requisites	MIN422
Equivalents	AMX442
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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
Teaching Periods	2014 SEM-1 (EXT, INT)

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
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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
Teaching Periods	2014 SEM-2 (EXT, INT)

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
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

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
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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
Teaching Periods	2014 SEM-2 (EXT, INT)

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
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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
Teaching Periods	2014 SEM-2 (EXT, INT)

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.

AMN468 Issues and Crisis Management

Anti-requisites	CON408
Equivalents	AMX468
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

This unit examines the strategic management of crisis communication including for organisations. A strategic planning approach will be covered including organisation analysis, issues identification, audience prioritisation, strategy formulation, tactical planning and implementation and evaluation. Pre-crisis issues in management 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
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

AMX032 Mandarin 2 (Outbound Exchange)

Equivalents	AMB032
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

AMX033 Mandarin 3 (Outbound Exchange)

Equivalents	AMB033
Credit Points	12
Campus	EXCHANGE, Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT), 2014 SEM-2 (EXT), 2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

AMX034 Mandarin 4 (Outbound Exchange)

Equivalents	AMB034
Credit Points	12
Campus	EXCHANGE, Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT), 2014 SEM-2 (EXT), 2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

AMX035 Mandarin 5 (Outbound Exchange)

Equivalents	AMB035
Credit Points	12
Campus	EXCHANGE, Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT), 2014 SEM-2 (EXT), 2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

AMX036 Mandarin 6 (Outbound Exchange)

Equivalents	AMB036
Credit Points	12
Campus	EXCHANGE, Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT), 2014 SEM-2 (EXT), 2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

AMX037 Mandarin 7 (Outbound Exchange)

Equivalents	AMB037
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

AMX038 Mandarin 8 (Outbound Exchange)

Equivalents	AMB038
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

AMX200 Consumer Behaviour (Outbound Exchange)

Equivalents	AMB200
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

AMX201 Marketing and Audience Research (Outbound Exchange)

Equivalents	AMB201
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX202 Integrated Marketing Communication (Outbound Exchange)

Equivalents	AMB202
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

AMX204 Purchasing and Procurement (Outbound Exchange)

Pre-requisites	BSB119 or CTB119
Anti-requisites	IBB312
Equivalents	AMB204
Credit Points	12
Campus	External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX210 Importing and Exporting (Outbound Exchange)

Equivalents	AMB210
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

AMX220 Advertising Theory and Practice (Outbound Exchange)

Equivalents	AMB220
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

AMX230 Digital Promotions (Outbound Exchange)

Pre-requisites	BSB126, CTB126, or BSB112
Anti-requisites	COB208
Equivalents	AMB230
Credit Points	12
Campus	External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX240 Marketing Planning and Management (Outbound Exchange)

Equivalents	AMB240
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX251 Innovation and Brand Management (Outbound Exchange)

Pre-requisites	BSB126, BSB116, or CTB126
Anti-requisites	MIB227
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

AMX263 Introduction to Public Relations (Outbound Exchange)

Equivalents	AMB263
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX264 Public Relations Techniques (Outbound Exchange)

Equivalents	AMB264
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX303 International Logistics (Outbound Exchange)

Equivalents	AMB303
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX304 Logistics Operations (Outbound Exchange)

Pre-requisites	AMB210
Equivalents	AMB304
Credit Points	12
Campus	External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX318 Advertising Copywriting (Outbound Exchange)

Equivalents	AMB318
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX319 Media Planning (Outbound Exchange)

Equivalents	AMB319
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX320 Advertising Management (Outbound Exchange)

Equivalents	AMB320
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX330 Digital Portfolio (Outbound Exchange)

Equivalents	AMB330
Credit Points	12
Campus	EXCHANGE and External

Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX331 Direct Marketing (Outbound Exchange)

Pre-requisites	AMB202, AMB220, AMB240, CTB240, or AMB249
Anti-requisites	COB315
Equivalents	AMB331
Credit Points	12
Campus	External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX335 E-marketing Strategies (Outbound Exchange)

Equivalents	AMB335
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX336 International Marketing (Outbound Exchange)

Equivalents	AMB336
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX339 Advertising Campaigns (Outbound Exchange)

Equivalents	AMB339
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX340 Services Marketing (Outbound Exchange)

Equivalents	AMB340
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX342 Strategic Procurement (Outbound Exchange)

Pre-requisites	AMB204
Equivalents	AMB342
Credit Points	12
Campus	External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX350 Sales and Customer Relationship Management (Outbound Exchange)

Equivalents	AMB350
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX359 Strategic Marketing (Outbound Exchange)

Equivalents	AMB359
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX369 International Business Strategy (Outbound Exchange)

Equivalents	AMB369
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX372 Public Relations Planning (Outbound Exchange)

Equivalents	AMB372
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX373 Corporate Communication (Outbound Exchange)

Equivalents	AMB373
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX374 Global Public Relations Cases (Outbound Exchange)

Equivalents	AMB374
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX375 Public Relations Management (Outbound Exchange)

Equivalents	AMB375
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX379 Public Relations Campaigns (Outbound Exchange)

Equivalents	AMB379
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX400 Consumer Behaviour (Outbound Exchange)

Equivalents	AMN400
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX401 Integrated Marketing Communication (Outbound Exchange)

Equivalents	AMN401
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

Units

AMX403 Marketing and Survey Research (Outbound Exchange)

Equivalents	AMN403
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX404 Readings in Integrated Marketing Communication (Outbound Exchange)

Equivalents	AMN404
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX405 Cases in Integrated Marketing Communication (Outbound Exchange)

Equivalents	AMN405
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX406 Project (Outbound Exchange)

Equivalents	AMN406
Credit Points	24
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX420 Advertising Management (Outbound Exchange)

Equivalents	AMN420
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX421 Contemporary Issues in Advertising (Outbound Exchange)

Equivalents	AMN421
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX422 Media Strategy (Outbound Exchange)

Equivalents	AMN422
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX423 Strategies for Creative Advertising (Outbound Exchange)

Equivalents	AMN423
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX430 International Logistics Management (Outbound Exchange)

Equivalents	AMN430
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX431 Marketing Internationally (Outbound Exchange)

Equivalents	AMN431
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX442 Marketing Management (Outbound Exchange)

Equivalents	AMN442
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX443 Product and Service Innovation (Outbound Exchange)

Equivalents	AMN443
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX444 Services Marketing (Outbound Exchange)

Equivalents	AMN444
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX445 Strategic Marketing Management (Outbound Exchange)

Equivalents	AMN445
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX447 Contemporary Issues in Marketing (Outbound Exchange)

Equivalents	AMN447
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX460 Corporate and Investor Relations (Outbound Exchange)

Equivalents	AMN460
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX461 Corporate Media Strategy and Tactics (Outbound Exchange)

Equivalents	AMN461
Credit Points	12
Campus	EXCHANGE and External

Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX462 Community Consultation and Engagement (Outbound Exchange)

Equivalents	AMN462
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX465 Public Relations Management (Outbound Exchange)

Equivalents	AMN465
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX467 Public Relations Campaigns (Outbound Exchange)

Equivalents	AMN467
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AMX468 Issues and Crisis Management (Outbound Exchange)

Equivalents	AMN468
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AYB114 Forensic Digital Analysis

Anti-requisites	BSB212, CTB212
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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 arise due to business use of technologies.

AYB200 Financial Accounting

Pre-requisites	BSB110 or CTB110
Equivalents	AYB121, AYX200
Credit Points	12
Campus	Gardens Point and Caboolture
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

Financial Accounting examines the accounting concepts and procedures for the preparation of external financial reports relevant to both partnership and corporate structures within the context of the Australian accounting profession's conceptual framework, the relevant accounting standards, and Corporations Law requirements. Topics include: the formation, operation, and financial reporting requirements for both partnerships and companies; 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
Teaching Periods	2014 SEM-2 (INT)

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 or CTB111
Anti-requisites	LWB364
Equivalents	AYB325, AYX219
Credit Points	12
Campus	Gardens Point and Caboolture
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 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 and Caboolture
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit provides an examination of the concepts, processes and issues relevant to computerised accounting systems including: accounting information systems; internal controls; design and development of computerised accounting systems including general ledger and reporting cycle, revenue cycle, expenditure cycle and payroll cycle; 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 software such as MYOB, spreadsheet software such as Excel, database software such as Access, and interactive resources such as as CasWorkX on Accounting Information Systems Cycles.

AYB225 Management Accounting

Pre-requisites	BSB110 or CTB110
Equivalents	AYX225
Credit Points	12
Campus	Gardens Point and Caboolture
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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). Emphasis is placed on developing a range of accounting systems (in particular product costing) which may be used in manufacturing firms, although the principles and concepts used to develop such systems can be adapted to service organisations.

AYB227 International Accounting

Pre-requisites	BSB110 or CTB110, and BSB119 or CTB119
Equivalents	AYX227
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 international accounting systems and practices; cultural influences on financial accounting and reporting policies and practices; comparative international analysis of financial statements; international segment reporting and global corporate governance, 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 accounting 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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 or CTB111
Equivalents	AYB312
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This subject looks at the laws and regulations applicable to corporate securities and financial services in Australia, examines disclosure obligations in prospectus and financial products, ASX listing rules, takeovers, and market misconduct.

AYB240 Superannuation Regulation and Practice

Pre-requisites	BSB110 or CTB110, and BSB111 or CTB111
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 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	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit introduces students to the fundamental aspects of the financial planning process, the legal framework governing the financial planning industry and the responsibilities of financial planners. The unit will also expose students to alternative strategies of wealth creation while taking into consideration taxation, superannuation and social security issues.

AYB301 Audit and Assurance

Pre-requisites	(AYB221 or INB120) and (AYB340 or AYB220)
Equivalents	AYX301
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 policies made by managers This framework provides a basis for examining specific accounting issues with a 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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Strategic management accounting develops a theory of organisations that provides an understanding of the information requirements of management to facilitate the strategic planning, decision-making and control necessary for the achievement of their objectives. Topics include: developing effective performance-evaluation systems and compensation plans; examining how managers can design organisations to motivate individuals to make choices that increase firm value; strategic planning and budgetary systems; pricing and product mix decisions; managing transfer-pricing disputes among divisions; developing an understanding of new management accounting practices, including activity-based costing (ABC) and the balanced scorecard (BSC); and appreciating the research on the benefits and problems with ABC and the BSC.

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 AYB114 & AYB341; OR other units approved by the Subject Area

	Coordinator.
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit fosters learning through work related experience. Students will be given the opportunity to experience the 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	(AYB220 or AYB340 and AYB311), OR (AYB220 or AYB340 and AYB321)
Anti-requisites	AYN520
Equivalents	AYX339
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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. AYB 339 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 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 and Caboolture
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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, BSB124, or BSB114
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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

Pre-requisites	AYN416
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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
Other requisites	In addition to the prerequisite subjects, subject area coordinator approval is required.
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

External reporting issues integrates the technical skills developed in prior finanical 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 1

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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 Financial Accounting 2

Pre-requisites	AYN416
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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 Financial Accounting 3

Pre-requisites	AYN416
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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 International Accounting

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit is designed to provide students with an insight into, and an appreciation of, many of the accounting problems and issues faced in an international business environment. The unit examines issues including: accounting systems in the global environment; international patterns of accounting development including cultural influences on accounting; comparative international accounting systems and practices; the pressures for international accounting harmonisation and disclosure; international disclosure trends and financial analysis; international comparative auditing issues for global corporations; international business issues into the twenty-first century such as global corporate governance and strategy and international taxation.

AYN426 International Capital Markets Law and Regulation

Pre-requisites	AYN410 or AYN456 or (GSN412 and GSN472)
Other requisites	In addition to the prerequisite subjects, subject area coordinator approval is required.
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit focuses on the regulation of global capital markets. The material covered is borad-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 leading, documentary credits and 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 fundamentasl 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
Teaching Periods	2014 SEM-1 (INT)

This unit introduces Honours, Higher Degree Research and other Postgraduate students to a broad range of accounting literature. It is designed to explore various theories and research methodologies that are applied in accounting research through assigned weekly readings and assigned research tasks. The assigned readings include contemporary research in financial accounting, management accounting, auditing and corporate governance.

AYN438 Taxation Law and Practice

Pre-requisites	AYN410 or AYN456
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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.

AYN442 Superannuation and Wealth Management

Pre-requisites	AYN416 and EFN406 and AYN438. AYN438 maybe studied in the same teaching period.
Other requisites	In addition to the prerequisite subjects, subject area coordinator approval is required.
Credit Points	12
Campus	null

The complex regulatory environment in which retirement income policies operate, gives rise to a need for accountants and other business professionals to have coprehensive knowledge and understading of wealth management issues. This unit introduces students to personal wealth management, in particular, the Australian strategies. The knowledge and skills developed in this unit are essential for accounting professionals working in any areas of practice associated with the administration or auditing of superannuation funds, advising employers about superannuation, or providing individuals with financial planning services.

AYN443 Electronic Commerce Cycles

Pre-requisites	AYN416
Anti-requisites	AYB221, AYN402
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

This unit examines the concepts, processes and issues relevant to computerised accounting systems including: accounting information systems; internal controls; design and development of computerised accounting systems including general ledger and reporting cycle, revenue cycle, expenditure cycle and payroll cycle; 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 software such as MYOB, spreadsheet software such as Excell and database software such as Access.

AYN453 Financial Forensics and Business Intelligence

Pre-requisites	AYN443
Other requisites	In addition to the prerequisite subjects, subject area coordinator approval is required.
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 and business intelligence through the use of MS Access, MS Excel and SAS Enterprise Guide 4.3 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.

AYN454 Forensic Accounting and Investigation

Pre-requisites	AYN417 and AYN418
Other requisites	In addition to the prerequisite subjects, subject area coordinator approval is required.
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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

Anti-requisites	AYN410 and AYN412
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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.
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Other requisites	In addition to the prerequisite subjects, subject area coordinator approval is required.
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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. The next part combines these skills in addressing the

question of valuation, while the final section of the unit applies the skills in several different contexts, such as credit analysis, security analysis, mergers and acquisitions and financial policy decisions.

AYN506 Strategic Management Accounting

Pre-requisites	AYN414 and AYN417
Other requisites	In addition to the prerequisite subjects, subject area coordinator approval is required.
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Strategic Management Accounting develops a theory of organisations that provides an understanding of the information requirements of management to facilitate strategic planning, decision-making and control. This unit prepares students for a world of unstructured problem-solving and develops skills in managerial decision-making by the use of current research articles to ascertain how managers can design organisations to motivate individuals to make choices that increase firm value. Topics include: the management of control systems; performance evaluation and compensation incentives; transfer pricing. New management accounting practices, activity-based costing, the balanced scorecard, and economic value added, are evaluated using the latest research.

AYN507 Governance Issues in Accounting

Pre-requisites	AYN417 and AYN418
Other requisites	In addition to the prerequisite subjects, subject area coordinator approval is required.
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit adopts an accounting perspective to examine issues relating to sound corporate governance, accountability and transparency. Topics covered include the following: the role of the board of directors and board committees; internal control and risk management; audit committees, internal and external audit; duties of directors and management; codes of conduct and ethics; compensation issues; conflict of interest and insider trading.

AYN520 Integrated Issues in Professional Practice

Pre-requisites	AYN417 and AYN418
Anti-requisites	AYB339
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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) - Advanced course and enables students in the Master of Business (Accounting) courses 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
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AYX219 Taxation Law (Outbound Exchange)

Equivalents	AYB219
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AYX221 Computerised Accounting Systems (Outbound Exchange)

Equivalents	AYB221
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AYX225 Management Accounting (Outbound Exchange)

Equivalents	AYB225
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AYX227 International Accounting (Outbound Exchange)

Equivalents	AYB227
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AYX230 Corporations Law (Outbound Exchange)

Pre-requisites	BSB111 or CTB111
Equivalents	AYB230
Credit Points	12
Campus	External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

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
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

AYX301 Audit and Assurance (Outbound Exchange)

Equivalents	AYB301
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AYX311 Financial Accounting Issues (Outbound Exchange)

Equivalents	AYB311
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AYX321 Strategic Management Accounting (Outbound Exchange)

Pre-requisites	AYB225
Equivalents	AYB321
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AYX339 Accountancy Capstone (Outbound Exchange)

Equivalents	AYB339
Credit Points	12
Campus	EXCHANGE and External

Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AYX340 Company Accounting (Outbound Exchange)

Equivalents	AYB340
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

AYX424 International Accounting (Outbound Exchange)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

BEB110 Organising and Managing Project Team

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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 Principle of Project Management

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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.

BEB210 Introduction to Collaboration

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit introduces students to the foundational aspects of collaboration within the design and documentation of artefacts, using Building Information Modelling (BIM) approach. Focusing on multidisciplinary collaboration during the complete life cycle of a built environment facility. This unit is an approach to the theory and practice of BIM software, exploring the translation from Computer Aided Design (CAD) to BIM. This unit is also the foundation for BEB212 Advanced Collaboration.

BEB211 Parametric Design Systems

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This subject introduces students to the use of parametric geometry systems that are used in early stages of design. These systems allow the creation and manipulation of compex geometry and form through the definition of parameters and modelling of associative relationships, to provide users with greater control over their designs. They are used by major design firms such as Zaha Hadid and Frank Gehry (architecture), SOM (architecture/engineering) and Arup (engineering).

BEB212 Advanced Collaboration

Pre-requisites	BEB210
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

New digital technologies are transforming practice for all building and construction professionals through the use of data rich integrated models that can be used over the whole building life-cycle. This unit uses a range of Building Information Modelling (BIM) tools to demonstrate this transformation through advanced digital collaboration.

BEB213 Sustainable Design Systems

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This subject familiarises students with concepts concerning building performance and how they inform design considerations during conceptual exploration. Software and tools that allow different aspects of sustainability to be analysed in the early design stages will be introduced to demonstrate how performance considerations can influence form-finding. This will contribute to the development of more holistic approaches to design that result in more sustainable building outcomes.

BEB801 Project 1

Equivalents	CEB411, CEB420, CNB434, EEB781-1, EEB889-1
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

Units

BEB806 Project 1

Equivalents	CEB411, CEB420, CNB434, EEB781-1, EEB889-1
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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.

BEN610 Project Management Principles

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit serves as an introduction to project management as a fundamental skill for all postgraduate coursework students in built environment and engineering. It offers an overview of the framework, processes and key knowledge areas of project management.

BEN710 Sustainable Practice in Built Environment and Engineering

Credit Points	12
Campus	null

Sustainability has become a global agenda that impacts upon our work and everyday life. The unit will introduce principles, challenges and skills for dealing with a diversity of trans-disciplinary issues in 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.

BEN810 Research Methods For Built Environment and Engineering

Credit Points	12
Campus	null

BEN910 Integrated Project

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

BEN920 Integrated Project

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

BEZ910 Integrated Project

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (EXT)

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.

BSB009 Service Learning and Community Engagement for Business

Other requisites	Enrolment in this unit requires completion of 96 credit points of approved study including four or more of the Business Core Units
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The unit is an elective option for students, which supports experiential learning experiences linked to service, volunteering and engagement with communities. These experiences can be part of the QUT Community Engaged Learning Lab, which brings together students from a range of disciplines at QUT in teams to contribute to projects with partner community organisations. With the approval of the unit coordintaor, students can link the unit to other structured volunteering projects or exchange programs.

BSB110 Accounting

Anti-requisites	CNB293, UDB342
Equivalents	BSD110, BSX110, CTB110
Credit Points	12
Campus	Caboolture and Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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.

BSB111 Business Law and Ethics

Anti-requisites	AYB120, LWB136, LWB145, LWS009, LWS012, UDB102
Equivalents	BSX111, CTB111
Credit Points	12
Campus	Gardens Point and Caboolture
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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 and Caboolture
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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, CTB115
Credit Points	12
Campus	Gardens Point and Caboolture
Teaching Periods	2014 SUM-1 (INT), 2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 in all areas of organisational life. The unit acknowledges that organisations exist in an increasingly international 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 and Caboolture
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

This unit examines the drivers of globalisation and the diversity of country markets at an introductory level. It develops the skills and understanding to identify and respond to the opportunities, challenges and risks of conducting business across politically, economically and culturally diverse environments. An authentic country feasibility 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 have developed a comprehension of the nature and role of globalisation and the drivers of international business, a. 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.

BSB123 Data Analysis

Anti-requisites	BSB117, BSB122, CTB122, EFB101, LQB284, MAB101, MAB141,MAB233
Equivalents	BSX123, PYB110
Credit Points	12
Campus	Caboolture and Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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.

BSB124 Working in Business

Anti-requisites	BSB114, CTB114, HHB113
Equivalents	BSD124, BSX124
Credit Points	12
Campus	Caboolture and Gardens Point
Teaching Periods	2014 SUM-2 (INT), 2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit will help you to kickstart your study and your career in business regardless of your specific discipline. Not only does "Working in Business" give you an understanding of where business has come from and where it is headed, but you will also gain insights into yourself and how you can develop as both a student and professional in the business world. It covers an overview of business, the important issues for working as a professional in an organisation, and also gives you the opportunity to reflect on your own skills, preferences and career options so you can plan a future that suits you.

BSB126 Marketing

Anti-requisites	BSB116
Equivalents	BSD126, BSX126, CTB126
Credit Points	12
Campus	Caboolture and Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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.

BSB200 Project

Credit Points	24
Campus	Gardens Point
Teaching Periods	2014 SUM (INT)

Students will be given the opportunity to develop and write a formal analytical study of a specific theory area or develop an industry case study. Students will select the topic in conjunction with a supervisor and prepare a formal plan for obtaining answers to the research question on the business problem. A full report will be subitted at the conclusion of the semester, which will cover all of the objectives set out in the original proposal.

BSB302 Project 2

Credit Points	24
Campus	Gardens Point
Teaching Periods	2014 SUM (INT)

Students will develop either a detailed case study or a special project related to their discipline area (either: Advertising, Marketing, Public Relations, Economics, Finance, Management, Human Resource Management or International Business). Students will work individually with a supervisor to develop and execute a comprehensive and systematic study of an issue relevant to their study program.

BSB303 Internship (Caboolture)

Anti-requisites	MGB338
Other requisites	Subject to Unit Coordinator approval and 96 credit points of prior studies
Credit Points	12
Campus	Caboolture
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit for Caboolture-enrolled students only 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. (Caboolture-enrolled students in other discipline areas who wish to undertake a work placement should contact their Subject Area Coordinator directly for more information).

BSB304 Project (Caboolture)

Other requisites	Subject to Unit Coordinator approval and 96 credit points of prior studies.
Credit Points	12
Campus	Caboolture
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit for Caboolture-enrolled students only 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. (Caboolture-enrolled students in other discipline areas who wish to undertake a project should contact their Subject Area Coordinator directly for more information).

BSB305 Asian Century Growth: Work Integrated Learning Program

Pre-requisites	Completion of 192 credit points
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The program leverages the cultural knowledge of overseas student participants and creates a collaborative mentoring environment - where the corporate mentors stand to learn as much as the students. The aim is to challenge the status quo and develop Asia focused growth options.

BSB311 Innovation Commercialisation Strategies

Pre-requisites	MGB223 or LSP127
Anti-requisites	MGB355
Credit Points	12
Campus	null

This unit focuses on managing technology, knowledge and innovation within organisations and how to build innovative capabilities. Students study strategies and approaches used in technology and knowledge intensive industries and government organisations for the research, development and commercialisation of innovations. The unit offers the opportunity to develop knowledge and skills to manage and commercialise technologies and innovations.

BSD110 Accounting

Anti-requisites	BSB110
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

Accounting data is the basis for financial decision making in any organisation. Accordingly, it is important for any business professional to have a basic knowledge and understanding of modern

financial and managerial accounting theory and practice. An appreciation of accounting should occur at an early stage of the student's academic career. The aim of this unit is to provide you with a basic knowledge of modern financial and managerial accounting theory and practice so that you can apply basic accounting techniques and understand how accounting data is used to help make decisions in organisations at various levels.

BSD113 Economics

Anti-requisites	BSB113 or UDB104
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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 to best 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 economist can understand how to manage the economy for the good of its citizens. To develop an understanding of the key principles and tools that economists use to interpret and critically analyse economic policies that impact on Australia and the global economy.

BSD115 Management

Anti-requisites	BSB115
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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

Anti-requisites	BSD119
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

There is a growing interdependency among people, businesses and institutions in a globalised environment. At an introductory level, this unit examines what "drives" and motivates a business to go global and the complexity and diversity of businesses that operate in a globalised environment. The unit develops the skills and understanding to identify and respond to the opportunities, challenges and risks of conducting business in and across politically, economically and culturally diverse country environments. An authentic business case study is undertaken in order to analyse a firm's market entry strategies and processes inherent in conducting business both in actual and potential markets and make some concluding comments. The aims of this unit are for students to have developed: an understanding of the nature and role of globalisation as a driver of global business: an appreciation of the strategic and operational demands including the competitive forces and challenges confronting all business as a consequence of globalisation processes; an awareness of the additional knowledge and skills required of management to operate business internationally across culturally diverse environments.

BSD124 Working in Business

Anti-requisites	BSB124
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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

Anti-requisites	BSB126
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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.
Credit Points	12
Campus	null

This unit presents a pathway for coursework students into higher degree research. It will provide students with the opportunity to produce a high quality journal article (as primary author) under the supervision of an experienced researcher. The student will report on research outcomes through their participation in an existing research project. Upon completion of this unit, students should be able to draft a literature review drawing largely on provided sources of literature; analyse provided data within a suitable theoretical framework; identify and justify the choice of an appropriate journal to target for publication; complete the journal article as primary author such that it meets all technical requirements for submission to the identified journal.

BSN404 Project 1

Anti-requisites	MKN101, MKN102, MKN103
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

This unit is designed to permit the student to undertake a research project, subject to the approval of the Course Coordinator.

BSN405 Project 2

Anti-requisites	MKN101, MKN102, MKN104
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

This unit is designed to permit the student to undertake a research project, subject to the approval of the course coordinator.

BSN406 Project 3

Credit Points	24
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

This unit is designed to permit the student to undertake a 24 credit point research project, subject to approval of the course coordinator.

BSN409 Research Project

Credit Points	24
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This is to produce a major piece of applied research. The research project provides the opportunity to apply and reinforce the education and knowledge gained from the course by research report, case study or application of technology. The final project must demonstrate an ability to identify and research a complex business problem in accountancy or banking and finance or a related discipline.

BSN412 Qualitative Research and Analytical Techniques

Anti-requisites	CON500
Credit Points	12
Campus	Gardens Point

Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 the theoretical contexts in which field studies and qualitative research methods have developed and the techniques that define the approach. Students develop the ability to analyse, conduct, and evaluate qualitative research in discipline areas related to business. The unit provides a basic preparation for the development of a project, thesis or dissertation proposal based on the use of qualitative research.

BSN414 Quantitative Research Methods

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

BSN501 Dissertation

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Students undertake a study of an issue as the culmination of their honours program. The dissertation must have a well-developed conceptual foundation and include a primary research component.

BSN501 Dissertation

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

Students undertake a study of an issue as the culmination of their honours program. The dissertation must have a well-developed conceptual foundation and include a primary research component.

BSN501 Dissertation

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

Students undertake a study of an issue as the culmination of their honours program. The dissertation must have a well-developed conceptual foundation and include a primary research component.

BSN501 Dissertation

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Students undertake a study of an issue as the culmination of their honours program. The dissertation must have a well-developed conceptual foundation and include a primary research component.

BSN502 Research Methodology

Anti-requisites	BSB400
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The purpose of this study is to provide students with a range of ideas and methods that enable them to analyse, evaluate and conduct research in discipline areas related to business. It provides an essential and basic preparation for the development of a thesis or dissertation proposal. Areas of study include research paradigms, analysis and criticism, research design, data collection and data manipulation, interpretation and presentation.

BSN503 Research Seminar

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

In this unit students prepare detailed literature reviews relevant to the thesis or dissertation proposal. Students are required to prepare and present a detailed seminar paper describing and explaining the results of their review and its relevance to the thesis or dissertation proposal. The unit is in two parts: the first provides a series of lectures from staff advising as to the requirements of a thorough, well-directed literature search and review; the second consists of a series of seminars from students presenting their findings.

BSX110 Accounting (Outbound Exchange)

Equivalents	BSB110
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

BSX111 Business Law and Ethics (Outbound Exchange)

Equivalents	BSB111
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

BSX113 Economics (Outbound Exchange)

Equivalents	BSB113
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

BSX115 Management (Outbound Exchange)

Equivalents	BSB115
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

BSX119 Global Business (Outbound Exchange)

Equivalents	BSB119
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

BSX123 Data Analysis (Outbound Exchange)

Equivalents	BSB123
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

BSX124 Working in Business (Outbound Exchange)

Equivalents	BSB124
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

BSX126 Marketing (Outbound Exchange)

Equivalents	BSB126
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

BVB101 Foundations of Biology

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Equivalents	NQB321
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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.

BVB213 Marine Biology

Pre-requisites	BVB101 or EVB102 or SCB112
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit provides an introduction to the science of marine biology by providing an overview of the diversity of marine species and an examination of marine ecosystems and their different forms and extent. The unit highlights the multidisciplinary nature of marine biology and identifies the properties of marine systems that are important when considering their conservation and management.

BVB214 Vertebrate Life

Pre-requisites	BVB101 or BVB102 or EVB102 or SCB112
Equivalents	NQB423
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

Much of our current pharmacopia 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.

BVB223 Insect Life

Pre-requisites	BVB101 or BVB102 or EVB102 or SCB112
Equivalents	NQB322
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Anyone pursuing a career as an ecologist, environmental biologist, or teacher must be familiar with insects and have an appreciation of their remarkable diversity, how they function and interact with their environment, and how to identify the major groups. The aim of this unit is to provide an overview of insect life (and some of their closest relatives, e.g. the arachnids) as a basis for exploring the role of these amazing creatures in both the natural and human-modified world.

BVB224 Plant Diversity

Pre-requisites	BVB101 or BVB102 or EVB102 or SCB112 or LQB182
Equivalents	NQB323
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit provides you with an introduction to fundamental evolutionary and ecological concepts in plant sciences. It aims to provide the basis for a conceptual framework and understanding of the diversity of plants with a particular emphasis on the Australian flora and the development of plant identification skills. It builds on foundational biology, chemistry or environmental science studies and contributes to study within the minor in Wildlife Biology and other areas of plant science.

Units

BVB327 Comparative and Evolutionary Genomics

Pre-requisites	BVB314
Credit Points	12
Campus	null

Biological scientists are currently turning to genomic approaches to 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. Students will use data from active research programs to evaluate and analyse genomic and phylogenetic datasets and see how this information can be applied to solve key problems in the biological sciences.

BVB328 Applications in Biotechnology

Pre-requisites	BVB101 and BVB201 and BVB317
Credit Points	12
Campus	null

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.

BZB210 Biological Sciences

Credit Points	12
Campus	null

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.

CAB155 Information Security

Anti-requisites	ITB161, ITB523, ITB623, ITN161 and INN255
Equivalents	ITB730
Credit Points	12
Campus	null

CAB201 Programming Principles

Pre-requisites	IFB104 or ENB246 or MXB103 or INB104
Equivalents	INB270, IND270
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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 though 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.

CAB202 Microprocessors and Digital Systems

Pre-requisites	IFB102 or ENB240 or INB102
Equivalents	ENB244
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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; · explains the relationship between high-level language programs, assembly code and the basic structure and operation of digital computers; · 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
Equivalents	INB250
Credit Points	12
Campus	null

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 INB182
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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. 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 design techniques will allow you to investigate and represent human experience of technologies and information systems at a variety of scales.

CAB230 Web Computing

Pre-requisites	IFB104
Equivalents	INB271
Credit Points	12
Campus	null

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
Teaching Periods	2014 SEM-2 (INT)

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.

CAB255 Information Security

Anti-requisites	ITB161, ITB523, ITB623, ITN161 and INN255

Equivalents	ITB730
Credit Points	12
Campus	null

CAB301 Algorithms and Complexity

Pre-requisites	CAB201
Co-requisites	CAB203
Equivalents	INB371
Credit Points	12
Campus	null

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 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. The study of algorithm complexity involves (1) taking advantage of the vast library of existing algorithms for solving common computational problems that has been developed over recent decades, and (2) understanding how efficiently a given algorithm can perform in theory, which is usually directly related to the data structure that supports it. Algorithms and Complexity is an advanced unit for students who are already comfortable with implementing computer programs. 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. You are expected to be self-sufficient

CAB302 Software Development

Pre-requisites	CAB201 or INB270
Equivalents	INB370
Credit Points	12
Campus	null

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.

CAB340 Cryptography

Pre-requisites	CAB203 and CAB240
Equivalents	INB355
Credit Points	12
Campus	null

Cryptographic techniques are widely used to implement computer and network security, so IT security professionals may be required either to evaluate or implement information systems using cryptographic algorithms and protocols. This unit covers the main cryptographic technical concepts including encryption, digital signatures and cryptographic protocols, including how to apply mathematical and cryptologic techniques to solve real world information security problems.

CAB351 Networked Systems

Anti-requisites	INN251
Equivalents	ITB005
Credit Points	12
Campus	null

CAB352 Network Security

Anti-requisites	INN251
Equivalents	ITB005
Credit Points	12
Campus	null

CAB353 Network and Systems Administration

Anti-requisites	INN251
Equivalents	ITB005
Credit Points	12
Campus	null

CAB354 Digital Forensics

Anti-requisites	INN251
Equivalents	ITB006
Credit Points	12
Campus	null

CAB355 Cryptography

Anti-requisites	INN251
Equivalents	ITB005
Credit Points	12
Campus	null

CAB373 Web Computing

Pre-requisites	INN270 or ITN700 or INB270 or ITB003 or INN271 or INB271
Anti-requisites	INB373
Equivalents	ITB716, ITN716
Credit Points	12
Campus	null

CAB420 Machine Learning

Pre-requisites	CAB320
Equivalents	ITB006
Credit Points	12
Campus	null

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; statistical learning and clustering algorithms; fitting models to data; decision trees and neural networks. Specifically students are introduced to machine learning techniques such as semi-supervised learning and reinforcement learning and they will be provided the knowledge and skills necessary to evaluate a machine learning systems. The unit also discusses recent applications of machine learning, such as robotic control, data mining, autonomous navigation, facial recognition, speech recognition, and text and web data processing.

CAB432 Cloud Computing

Pre-requisites	CAB302
Equivalents	INB356
Credit Points	12
Campus	null

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
Credit Points	12
Campus	null

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

Anti-requisites	INN251
Equivalents	ITB006
Credit Points	12
Campus	null

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

Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2014 SEM-2 (INT)

In this unit students will investigate the role of mathematics in the local, global, and cultural contexts. These settings as well as the historical development of mathematics 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. Essential theories about learning and learners of 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.

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

Anti-requisites	CRB906
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

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 of the present and indeed 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. This unit to be undertaken in your second year will complement Humanities and Social Sciences Curriculum Studies 2: Geography and Civics in third year.

CRB005 Primary English Curriculum Studies 1

Pre-requisites	CLB004 or EAB510
Anti-requisites	CRB904
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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 EAB534.

CRB020 Mathematics Curriculum and Pedagogies

Equivalents	MDB120
Credit Points	12
Campus	null

This unit provides content knowledge and pedagogical strategies to promote the mathematical development (both cognitive and social) of students' future pupils.

CRB021 Middle Years and Vocational Math Curriculum Studies 2

Pre-requisites	CRB923 or CRB933 or MDB021 or MDB002 or EAB027
Equivalents	MDB453
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit assists students to develop a deeper understanding of mathematical content applicable to the middle school and the ways that the content may be integrated into other key learning areas.

CRB030 Understanding and Educating Gifted Learners

Equivalents	MDB030
Credit Points	12
Campus	null

This elective addresses the education of gifted students by exploring the appropriate curriculum interventions necessary to meet their specific needs. Some 10-15% of students are identified as gifted and these require specialist educational interventions to ensure that the curriculum offers the appropriate challenge to develop their potential and to avoid boredom, frustration or underachievement. In order to establish appropriate curriculum and pedagogical approaches an understanding of the nature of giftedness is also necessary.

CRB031 Excursions in Mathematical Reasoning

Equivalents	MDB349
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit includes the following: the concept of thinking and intelligence; the nature of mathematical thinking during the first half of this century; modern ideas on the nature of mathematical thinking; the thinking skills movement and programs designed to foster thinking; analysis of children's thinking in solving mathematical problems; analysis of students' 'everyday cognition' together with their thinking in mathematical situations.

CRB032 Numeracy in Games of Skill and Chance

Equivalents	MDB388
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit considers the development of probabilistic ideas and concepts through the playing and analysis of games of change and skill.

CRB033 Earth and Space

Equivalents	MDB391
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit examines scientific concepts in important areas of space, time and motion, the origin and history of earth and its environments, and light and optics. Scientific principles and techniques for observing space and earth phenomena are investigated.

CRB034 Digital Media and the Web

Equivalents	MDB397
Credit Points	12
Campus	null

This unit addresses the following: understanding multimedia and multimedia systems; application of multimedia in education and training; multimedia authoring software; designing and creating multimedia applications for educational environments.

CRB036 Science Technology and Society

Equivalents	MDB454
Credit Points	12
Campus	null

This unit investigates the interactions and effects that exist between modern science, technology and society both from a social and historical viewpoint. Advances such as the advent of the Internet, genetic modification and nanotechnology are discussed 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 groups of students developing and delivering 'a hypothetical' on a contemporary science and technology issue affecting society.

CRB037 Mathematics in Life and Work

Equivalents	MDB455
Credit Points	12
Campus	null

You will explore mathematics in a range of life-related situations, including mathematics in history. As well as building your knowledge of the uses of mathematics in specific situations, the unit will assist you to deepen your understanding of the mathematics that underlies these situations.

Units

CRB038 ICT1

Equivalents	MDB455
Credit Points	12
Campus	null

-

CRB039 ICT2

Equivalents	MDB455
Credit Points	12
Campus	null

-

CRB101 Australian Society and Culture

Equivalents	CLB101, HHB106, HHB108
Credit Points	12
Campus	null

This unit is designed to provide overseas and Australian students with an understanding of Australian culture and values. It offers insights and understandings about issues that divide Australians as well as events and circumstances that unite the nation.

CRB102 Australian Historical Studies

Equivalents	CLB102, HHB109, HHB252
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

There are now competing ideologies and contexts shaping, dominating and influencing the way we think historically about Australia.This unit presents a past in Australia that is constructed, invented, contested and open to interpretation.

CRB103 Interpreting the Past

Equivalents	CLB103, HHB121
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

CRB104 Colonialism and Independence in Asia-Pacific

Equivalents	CLB104, HHB122
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit provides a general introduction to the history, geography and cultures of the Asia-Pacific region. It traces the rise and decline of colonial empires, the growth of nationalism in East Asia, Southeast Asia and the Pacific and the dynamic policies of the Asia-Pacific and their search for identity, independence, growth and stability.

CRB105 Australia and the South Pacific

Equivalents	CLB105, HHB242, HHB243
Credit Points	12
Campus	null

This unit is based on a critical study of the evolving relationship between Australia and the Pacific Islands. The key issue in this unit is: does Australia have a Pacific history?

CRB106 China since the Qin Dynasty

Equivalents	CLB106, HHB246
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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 South East Asia in Focus

Equivalents	CLB112
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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

CRB113 Australian Geographical Studies

Equivalents	CLB113
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

Units

CRB114 Geography in the Field

Equivalents	CLB114
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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	null

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	null

-

CRB250 Australian Society and Culture

Equivalents	CLB101, HHB106, HHB108
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

CRB442 Teaching of Writing

Equivalents	CLB442
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit will develop your knowledge about effective writing pedagogy. You will learn about the features of written texts and have an opportunity to plan intervention strategies for improving students' writing in the classroom.

CRB443 Grammar in the Classroom: Theories and Pedagogies

Equivalents	CLB446
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Over the past twenty years, linguistic studies have increasingly informed the development of language curriculum, the assessment of language, and the processes of language and literacy learning in schools. Over the same time the need for teachers to have systematic knowledge of language and how it works has been recognised. In much of Australia this systematic approach to describing language comes principally from the systemic functional school of linguistics. This unit provides an organised, contextualised introduction to that linguistic model through workshop sessions involving the writing and reading of a range of genre. In this unit, students will learn to critically evaluate texts, their purposes and the language resources employed by writers.

CRB444 Media Literacy and the School

Equivalents	CLB452
Credit Points	12
Campus	null

The unit aims to equip future teachers with an understanding of media literacy that they can apply to their own professional growth and incorporate into an educational environment. Aspects of media techniques and practices, relationships between culture and meaning; nature of an audience, and concepts of agents and industry will be explored.

CRB900 Records Management

Equivalents	CLB001
Credit Points	12
Campus	null

An effective information management system is integral to the success of a business's operations. As almost all activity within and between business organisations involves the transfer of information, it is essential that each business establish its own systems and procedures to enable the efficient management and organisation of information. To this end, employees must have knowledge and understanding of how information and records are collected, classified, accessed and processed within the organisation, as well as an awareness and appreciation of the additional systems established for the purpose of maintaining the integrity and security of the business's information.

CRB901 Computer Applications in BCT

Equivalents	CLB002
Credit Points	12
Campus	null

Advanced computing skills are an essential part of the overall skills, knowledge and understanding required by all employees in any organisation. To participate effectively in today's business environments, you are required to have the skills to operate a variety of software applications and appreciate the value in being able to integrate these packages. As well employees must recognise the need to continually update these skills as technology changes.

CRB902 Administrative Procedures

Equivalents	CLB003
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit considers administrative practices and procedures relevant to any business environment, including communication skills, practical skills to perform a range of business activities, ability to prepare and produce documentation in a range of business contexts using policies and procedures to achieve tasks in required timeframes.

CRB903 Foundation: Wellness and Active Citizenship

Equivalents	CLB005
Credit Points	12
Campus	null

This unit explores the links between a holistic notion of health and wellness and the practice of active citizenship. It investigates the connections between human wellness, behaviour and particular social, cultural, civic, economic and environmental relationships that characterise communities at particular times and places. Students are encouraged to critically analyse such connections and utilise their knowledge and understanding to develop a sense of purpose about wellness and active citizenship in an increasingly globalised world.

CRB905 Learning Literacy by Design

Pre-requisites	CRB005 or CLB006
Equivalents	CLB007
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2014 SEM-1 (INT)

unit is to provide you with socio-critical and inclusive principles and practices relating to language and literacy education that are each crucial to your meeting QCT Standard 2. Therefore, you will design learning experiences within a multiliteracies, community of learners framework, catering for student diversity and a range of contexts. You will also examine how strategic practice is linked to particular theories of language and literacy, producing artifacts relevant to your professional portfolio.

CRB906 Teaching Primary SOSE

Pre-requisites	CRB903 or CLB005. CRB903 can be enrolled in the same teaching period as CRB906
Equivalents	CLB008
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2014 SEM-2 (INT)

This unit focuses on recent developments within the social education curriculum area with particular reference to Studies of Society and Environment (SOSE), a national key learning area and explores teaching and learning approaches in SOSE. Understanding the processes of curriculum development and being able to interpret curriculum documents and their implications for classroom practice are essential professional skills. Students will investigate SOSE as a curriculum area and to consider ways of translating syllabus requirements into worthwhile teaching and learning activities. Students will critically reflect upon both the theory and the practical suggestions throughout the unit and to consider how effective teaching can be achieved.

CRB907 Accounting and Business Management Curriculum Studies 2

Pre-requisites	CRB920 or CLB051
Equivalents	CLB010
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit is the second in a suite of three complementary units which can be undertaken in Business Education. It has been designed to expand on previous planning and teaching strategies with a major focus on assessment. Students will examine the QSA Senior Accounting and Business Organisation and Management Syllabi to understand mandatory aspects of each syllabus. This unit will prepare students for their professional role as a teacher of secondary business education subjects, in particular, Accounting and Business Organisation and Management.

CRB908 Business Communication and Technologies Curriculum Studies 2

Pre-requisites	CRB920 or CLB051
Equivalents	CLB013
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit is the second in a suite of three complementary units which can be undertaken in Business Education. It has been designed to expand on previous planning and teaching strategies with a major focus on assessment. Students will examine the QSA Senior BCT Syllabus to understand mandatory aspects of the syllabus and will prepare students for their professional role as a teacher of secondary business education subjects, in particular, BCT.

CRB909 English Curriculum Studies 1

Equivalents	CLB018
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This introduction to English teaching in secondary schools, provides an indispensable foundation on which English Curriculum Studies II and III are built. Students will develop an understanding of the theories of language and texts that underpin secondary English curriculum and pedagogy and which condition students learning within English classrooms. Students will have opportunities to apply their learning to their field observations and to plan to put theory of language, texts and learners into practice for English teaching.

CRB910 English Curriculum Studies 2

Pre-requisites	CRB909 or CLB018
Equivalents	CLB019
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit provides an opportunity to develop a theorized understanding of the Queensland English Syllabus for Years 1-10 and to implement this understanding by developing lessons and curriculum units that are appropriate for the needs and interests of diverse learners in a range of sociocultural contexts.

CRB911 English Curriculum Studies 3

Pre-requisites	CRB910 or CLB019
Equivalents	CLB020
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit provides opportunities to develop a theorized understanding of the Queensland English Syllabus for Years 11 and 12, Senior English Communication (SAS) and the Senior English Extension (Literature) Syllabus, and to implement this understanding by analysing and developing senior English programs, teaching and assessment strategies that are appropriate for the needs and interests of diverse learners in particular sociocultural contexts.

CRB912 Film and Media Curriculum Studies 1

Equivalents	CLB024
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit is designed to develop competencies needed for planning and teaching in junior secondary Media (Years 8-10). Students will be introduced to the current curricular directions and frameworks for junior media (1-10) and its applications across the curriculum. The unit will build on the understandings and skills students developed in the unit Teaching and Learning Studies I and II and relate also to Field Studies I. This should assist in preparing students for the further Field Studies components of the course.

CRB913 Film and Media Curriculum Studies 2

Pre-requisites	CRB912 or CLB024
Equivalents	CLB025
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit allows students to apply theoretical knowledge of the curriculum and their Film and Media discipline units to senior secondary contexts. The unit offers the opportunity to develop research and presentation skills by formally researching and discussing the teaching implications of a number of current topics in film and media education.

CRB914 Film and Media Curriculum Studies 3

Pre-requisites	CRB913 or CLB025
Equivalents	CLB026
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit introduces you to principles and practices related to (i) video and media production from pre to post production (ii) secondary school media production and the challenges students face (iii) strategies for successful group collaborative learning and project work.

CRB915 Geography Curriculum Studies 2

Pre-requisites	CRB924 or CLB054
Equivalents	CLB028
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit provides opportunities to develop an understanding of teaching and learning in Geography and Studies of Society and Environment.

CRB916 History Curriculum Studies 2

Pre-requisites	CRB924 or CLB054
Equivalents	CLB031
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit provides opportunities to develop an understanding of teaching and learning in History and Studies of Society and Environment (SOSE).

CRB917 Biology Curriculum Studies 2

Pre-requisites	CRB930 or MDB031
Equivalents	MDB010
Credit Points	12

Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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

CRB918 Legal Studies Curriculum Studies 2

Pre-requisites	CRB924 or CRB920 or CLB051 or CLB054
Equivalents	CLB034
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The second of three complementary units in Legal Studies Curriculum. Units are designed to help prepare students for a professional role as a teacher of secondary school Senior Legal Studies, and also to prepare them to teach in lower secondary subjects which are law-related, particularly the Civics syllabus of SOSE.

CRB919 Chemistry Curriculum Studies 2

Pre-requisites	CRB930 or MDB031
Equivalents	MDB013
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit encourages students to develop as a learner-centred 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.

CRB920 Business Education Curriculum Studies 1

Equivalents	CLB051
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This is the first of three complementary units in the teaching of Business Education. The three units have been designed to help prepare you for a professional role as a teacher of lower and senior secondary school Business Education subjects (Accounting Business Management, Business Communication Technologies, Economics, Legal Studies, and ICT. In this first unit, the focus will be on curriculum development and teaching approaches in Lower Secondary Business and ICT Education.

CRB921 Earth Science Curriculum Studies 2

Pre-requisites	CRB930 or MDB031
Equivalents	MDB019
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit encourages students to develop as a learner-centred 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.

CRB922 Business Education Curriculum Studies 3

Pre-requisites	CRB907 or CRB908 or CRB918 or CLB010 or CLB013 or CLB034
Equivalents	CLB053
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit, the final of three complementary units in the teaching of Business and ICT Education, will develop further your professional knowledge and skills as a learner-focused educator and skilled curriculum developer. The unit explores relevant issues, pedagogy and professional requirements essential for teachers of Business and ICT Education in the twenty-first century classroom.

CRB923 Mathematics Curriculum Studies 1

Equivalents	MDB021
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Teachers of middle and secondary school mathematics need a range of understandings and skills to be effective practitioners in the complex social and technological environment of the classroom. This unit introduces students to the teaching and learning of mathematics at the secondary school level. It begins development of students' knowledge and understanding of the secondary mathematics curriculum and their curriculum development skills. The unit is an important component of preparation for Field Studies 1.

CRB924 Social Education Curriculum Studies 1

Equivalents	CLB054
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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 field of Studies of Society and Environment (SOSE) - a national Key Learning Area. It explores the theoretical context for these curriculum areas, and places emphasis on the links between theory and practice.

CRB925 Mathematics Curriculum Studies 2

Pre-requisites	CRB923 or MDB021
Equivalents	MDB022
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit develops students' understanding of the school mathematics curriculum and extends their knowledge and understanding of inclusive learner-focused approaches to mathematics curriculum development.

CRB926 Social Education Curriculum Studies 3

Pre-requisites	CRB916 or CRB915 or CRB918 or CRB938 or CLB031 or CLB028 or CLB034 or CLB040
Equivalents	CLB056
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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 social sciences and specific discipline studies in the senior school.

CRB927 Mathematics Curriculum Studies 3

Pre-requisites	CRB925 or CRB021 or MDB022 or MDB453. (CRB925 or CRB021) can be enrolled in the same teaching period as CRB927
Equivalents	MDB023
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit extends students' knowledge and understanding of mathematics curriculum with an emphasis on catering for the range of students engaged in secondary education, inclusive practices and diagnosis of mathematical learning difficulties.

CRB928 Physics Curriculum Studies 2

Pre-requisites	CRB930 or MDB031
Equivalents	MDB025
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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

CRB929 Science Curriculum Studies 2

Pre-requisites	CRB930 or MDB031
Equivalents	MDB028
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit encourages students to develop as a learner-centred 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.

CRB930 Science Education Curriculum Studies 1

Equivalents	MDB031
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit is to provide you with opportunities to examine praxis in science classrooms in order to help you develop principles for the establishment and management of effective science learning environments.

CRB931 Science Education Curriculum Studies 3

Pre-requisites	CRB917 or CRB919 or CRB921 or CRB928 or CRB929 or MDB010 or MDB013 or MDB019 or MDB025 or MDB028
Equivalents	MDB033
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit is to provide opportunities for you to develop an understanding of the theoretical underpinnings of a selection of strategies and resources used in the teaching of science.

CRB932 Foundation: Scientific and Quantitative Literacy

Equivalents	MDB001
Credit Points	12
Campus	null

It is recognised that Mathematics and Science play crucial roles in the functioning of modern society through their contribution to our understanding of our physical, social and personal worlds, and their usefulness in solving problems a wide range of problems. As students engage with the content of the unit, for example, number, time, astronomy, navigation, measurement, geometry, probability, they will recognise that each is a discipline with a language and methods of thinking that have evolved in historical and social contexts. Knowledge of both areas is important for people to be critically reflective thinkers and active participants in society, and for their life long learning.

CRB933 Teaching Primary Mathematics 1

Equivalents	MDB002
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2014 SEM-2 (INT)

Mathematics is an essential key learning area of the primary school curriculum. Mathematics is closely linked to numeracy, but it extends beyond the day-to-day demands of society. Mathematics underpins and assists in the growth of technology, economics and finance, communication, and the new science of biotechnology. All students complete two units of Mathematics Education. Mathematics Education I focuses on the teaching of numbers, operations, and measurement. The content considers the role of technology in these three strands.

CRB934 Teaching Primary Mathematics 2

Pre-requisites	CRB933 or MDB002
Equivalents	MDB003
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2014 SEM-2 (INT)

This unit investigates new ideas in the teaching and learning of space and shape, chance and data, and pre-algebra. Students study the development of conceptual understanding of the above topic areas with a particular emphasis on understanding the 'big' mathematical ideas and principles behind these topics.

CRB935 Teaching Primary ICT

Equivalents	MDB004
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2014 SEM-1 (INT)

Information and Communication Technologies (ICT) play a significant role in contemporary society and therefore technological literacy is increasingly being seen as an essential part of education. This form of literacy involves the ability to create, use, manage and understand ICT in a range of contexts. In addition, new networked technologies have brought about the potential for expanding learning opportunities. These necessitate the re-examination of effective learning and teaching principles, the role of the learner, the role of the teacher, creating worthwhile partnerships and the use of ICT within the learning situation.

CRB936 Teaching Primary Design and Technology

Equivalents	MDB005
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2014 SEM-1 (INT)

This unit is designed for students to explore content, pedagogical content knowledge and pedagogies important in design and technology education.

CRB937 Teaching Primary Science

Anti-requisites	CRB010
Equivalents	MDB006
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2014 SEM-1 (INT)

Becoming scientific and technologically literate contributes to learners' capabilities as life-long learners by providing them with the knowledge and dispositions to question systematically their natural environment. In the prerequisite unit about Mathematics and Science Foundations, grounding in some basic concept areas that help to explain children's everyday experiences of the natural world and an understanding of the nature of science was explored. In this unit the opportunity is presented for students to develop exciting and innovative science programs at all levels of the primary school with a focus on developing scientific skills and abilities to retrieve and explore new scientific knowledge.

CRB938 Social Science Curriculum Studies 2

Pre-requisites	CRB924 or CLB054
Equivalents	CLB040
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit involves translating the syllabuses into modules or units of work, as well as placing an emphasis on assessment principles in Social Science. Students will also be involved in the development of advanced teaching strategies.

CRN600 Youth, Popular Culture, and Texts

Equivalents	CLN647
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

In the diverse terrain of popular culture, youth find the resources and means for identity formation, social relations and pleasure, and develop 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.

CRN601 Literacies for English Language Learners

Equivalents	CLN652
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

The aim of this unit is to provide you with opportunities to build theoretical knowledge of English language literate practices and development of multilinguals; formulate positions on controversies of English literacy education relevant in your field; and apply these understandings to professional problems of curriculum, pedagogy or assessment of interest to you.

CRN602 Digital Pedagogies

Equivalents	MDN642
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

This unit includes a critical investigation of digital pedagogies and the changes they are making to the role of the teacher, and the interactions between students, teachers and subject content. The unit assists students in designing and moderating worthwhile learning experiences in online environments or physical environments that make use of digital technologies.

CRN603 Digital Perspectives

Equivalents	MDN643
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

This unit includes a comprehensive examination of relevant theory, research, policy, and/or practice in the mediation of learning and communication through technology. Students are encouraged to critique the rhetoric and reality of ICT integration in learning networks.

CRN604 Digital Expectancies: Innovative Practices with Emerging Technologies

Equivalents	MDN644
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

This unit will formalise understandings of digitally expectant learners and how emergent technologies can be used to meet their needs, preferences, attitudes and habits. It will investigate the nature and affordances of emergent technologies and apply this understanding to a learning context.

CRN605 Digital Leadership

Equivalents	MDN645
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

Digital leadership is much more than resource acquisition and management. The new opportunities and chances of digital learning have great significance for the future of our information and learning society. To be an effective leader one needs to look within and beyond their organisations to determine the right direction for action.

CRP400 Middle Years: Multiliteracies

Equivalents	CLP400
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (EXT)

This unit provides students with the opportunity to develop concepts of themselves as life-long learners and to demonstrate capacities as effective communicators across media through engagement with critical and socio-cultural principles of language and literacy education. The unit models curriculum development principles, inclusivity and reflective practices that involve problem-based learning.

CRP401 Middle Years: Transdisciplinary Arts and SOSE

Equivalents	CLP401
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

This unit aims to enhance students' understanding of the nature of SOSE and the Arts as curriculum areas and to highlight the advantages of bringing these areas of learning together. It also aims to provide the opportunity to engage with the relevant syllabus and curriculum documents by translating goals and outcomes into innovative middle-years teaching units.

CRP402 Business Education Curriculum Studies 1

Equivalents	CLP402
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

This is the first of three complementary units in the teaching of Business Education. The three units have been designed to help prepare you for a professional role as a teacher of lower and senior secondary school Business Education subjects (Accounting Business Management, Business Communication Technologies, Economics, Legal Studies, and ICT. In this first unit, the focus will be on curriculum development and teaching approaches in Lower Secondary Business and ICT Education.

CRP403 Business Education Curriculum Studies 2 (Business Communication and Technology)

Pre-requisites	CRP402 or CLP402. CRP402 can be enrolled in the same teaching period as CRP403
Equivalents	CLP403
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (INT, EXT)

This unit is the second in a suite of three complementary units which can be undertaken in Business Education. It has been designed to expand on previous planning and teaching strategies with a major focus on assessment. Students will examine the QSA Senior BCT Syllabus to understand mandatory aspects of the syllabus and will prepare students for their professional role as a teacher of secondary business education subjects, in particular, BCT.

CRP404 Business Education Curriculum Studies 2 (Accounting and Business Management)

Pre-requisites	CRP402 or CLP402. CRP402 can be enrolled in the same teaching period as CRP404
Equivalents	CLP404
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (INT, EXT)

This unit is the second in a suite of three complementary units which can be undertaken in Business Education. It has been designed to expand on previous planning and teaching strategies with a major focus on assessment. Students will examine the QSA Senior Accounting and Business Organisation and Management Syllabi to understand mandatory aspects of each syllabus. This unit will prepare students for their professional role as a teacher of secondary business education subjects, in particular, Accounting and Business Organisation and Management.

CRP405 Legal Studies Education Curriculum Studies

Pre-requisites	CRP402 or CRP410 or CLP402 or CLP414. (CRP402 or CRP410) can be enrolled in the same teaching period as CRP405
Equivalents	CLP406
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (EXT, INT)

This unit is the second in a suite of three complementary units which can be undertaken in either the Business Education or Social Education streams. It has been designed to expand on previous planning and teaching strategies with a major focus on assessment. Students will examine the QSA Legal Studies Syllabus to understand mandatory aspects of the syllabus. This unit will prepare students for their professional role as a teacher of secondary Legal Studies.

CRP406 Business Education Curriculum Studies 3

Pre-requisites	CRP403 or CRP404 or CRP405 or CLP403 or CLP404 or CLP406 or MDP455. (CRP403 or CRP404 or CRP405) can be enrolled in the same teaching period as CRP406
Equivalents	CLP407
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (EXT)

This unit, the final of three complementary units in the teaching of Business and ICT Education, will develop further your professional knowledge and skills as a learner-focused educator and skilled curriculum developer. The unit explores relevant issues, pedagogy and professional requirements essential for teachers of Business and ICT Education in the twenty-first century classroom.

CRP407 English Education Curriculum Studies 1

Equivalents	CLP408
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

An introduction to English teaching in secondary schools, providing an indispensable foundation for subsequent English Curriculum Studies. You will develop an understanding of language learners, and of the theories of language and texts which underpin secondary English curriculum and pedagogy and which condition students' learning within English classrooms. You will have opportunities during your field studies to conduct inquiry-oriented language-focused observations of a range of students, evaluate their language learning needs and devise appropriate learning experiences for them.

CRP408 English Education Curriculum Studies 2

Equivalents	CLP409
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit aims to provide you with opportunities to develop a critical understanding of the theories and principles which inform the Queensland English Syllabus for Years 1-10 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	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT, EXT)

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 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. You will learn to evaluate and develop English work programs for students in the post-compulsory years.

CRP410 Social Education Curriculum Studies 1

Equivalents	CLP414
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

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 field of Studies of Society and Environment (SOSE) - a national Key Learning Area. It explores the theoretical context for 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	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

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	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (INT, EXT)

This is the second of three complementary units in Social Education curriculum designed to prepare you for a professional role as a teacher of Senior Social Science subjects in the secondary school. This unit builds on the focus of your first curriculum studies unit and extends your knowledge and understanding of the nature of history and historical inquiry developed in the History Curriculum Elective.

CRP413 Social Education Curriculum Studies 2 (Senior Social Science)

Pre-requisites	CRP410 or CLP414. CRP410 can be enrolled in the same teaching period as CRP413
Equivalents	CLP417
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This is the second in a suite of three complementary units which are undertaken in the Social Education Stream. This unit has been designed to prepare you for a professional role as a teacher of secondary school Senior Social Science subjects. The aim of this unit is to provide you with opportunities to develop an understanding of teaching and learning and assessment in the social sciences within the senior secondary school.

CRP414 Social Education Curriculum Studies 3

Pre-requisites	CRP405 or CRP411 or 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
Equivalents	CLP418
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT, EXT)

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 social sciences and specific discipline studies in the senior school.

CRP415 Social Education Curriculum - Senior History

Equivalents	CLP419
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

The aim of this elective unit is to provide you with opportunities to develop an understanding of teaching and learning in history. You will investigate how learning through historical inquiry develops specific historical understandings and skills that are the foundations for historical literacy. This unit provides opportunities for you to critique how recent developments in historical education are impacting upon curriculum development and teaching approaches in Senior Ancient and/or Senior Modern History.

CRP416 Film and Media Education Curriculum Studies 1

Equivalents	CLP422
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to provide you with principles and practices about (i) the nature of Film and Media Curriculum in specific discipline areas and across the curriculum (ii) how lower secondary students learn about Film and Media, and the curriculum documents that are used to support this (iii) how to provide quality planned experiences and supportive environments for learning.

CRP417 Film and Media Education Curriculum Studies 2

Pre-requisites	CRP416 or CLP422
Equivalents	CLP423
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

New Media literacies are essential for successful participation in contemporary societies. In this unit you will be introduced to principles and practices related to (i) the nature of Film and Media Curriculum in specific discipline areas (ii) how senior secondary students learn about Film, Television and New Media, and the curriculum documents that are used to support this (iii) providing quality planned experiences and supportive environments for learning.

CRP418 Film and Media Education Curriculum Studies 3

Pre-requisites	CRP417 or CLP423. CRP417 can be enrolled in the same teaching period as CRP418
Equivalents	CLP424
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Units

The aim of this unit is to provide you with principles and practices related to (i) video and media production from pre to post production (ii) secondary school media production and the challenges students face (iii) strategies for successful group collaborative learning and project work.

CRP419 Primary English: P-7

Equivalents	CLP425
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The aims of this unit are to provide you with opportunities to build knowledge and skills for teaching diverse groups of students to comprehend and construct text. You will use contemporary perspectives to design engaging experiences and environments that promote effective literacy practices for students in the primary years of schooling. As your personal and professional literacy skills are crucial for teaching, a further aim of the unit is for you to develop your own literacy capabilities.

CRP420 Primary SOSE: P-7

Equivalents	CLP426
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The unit builds on your understanding of early years and primary school learners and curriculum, and introduces you to the pedagogy that underpins social and environmental sustainability education.

CRP421 Middle Years: Mathematical Understandings

Equivalents	MDP452
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

This unit will provide the content knowledge and pedagogical strategies to promote mathematical development (both cognitive and social) in the middle phase of learning. The unit will provide a theoretical framework and the opportunity to participate in collaborative problem tasks. There will be a focus on students developing a broader range of thinking and reasoning processes as they work with the mathematical content. Students will be encouraged to critically evaluate ideas, reflect on their learning and freely express personal viewpoints.

CRP422 Middle Years: Transdisciplinary Science and Technology

Equivalents	MDP453
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

This unit aims to develop the skills and understandings required to integrate science and technology KLAs across the curriculum and create meaningful learning experiences that cater for the diverse needs of middle years students.

CRP423 Mathematics Education Curriculum Studies 1

Equivalents	MDP456
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

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.

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	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit is to further develop your understanding of the school mathematics curriculum and to extend your knowledge and understanding of inclusive learner-focused approaches to mathematics curriculum development.

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	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT, EXT)

This unit extends your knowledge and understanding of mathematics curriculum with an emphasis on catering for the range of students engaged in secondary education, inclusive practices and diagnosis of mathematical learning difficulties.

CRP426 Science Education Curriculum Studies 1

Equivalents	MDP459
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

This unit is to provide you with opportunities to examine core educational theory in order to understand the basis for teaching and learning in science and thus establishing and managing 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	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (EXT, INT)

This unit is to provide an opportunity for you to develop as a learner-centred 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
Equivalents	MDP461
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT, EXT)

This unit is to provide opportunities for you to understand the theoretical underpinnings of an extensive range of strategies and resources used in the teaching of 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	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (EXT, INT)

This unit provides an opportunity to develop as a learner-centred 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	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit encourages students to develop as a learner-centred 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	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (EXT, INT)

This unit encourages students to develop as a learner-centred 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	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (INT, EXT)

This unit encourages students to develop as a learner-centred 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.

CRP433 Primary Maths: P-7

Equivalents	MDP470
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The pedagogical methodology will consider strategies to develop what is important to prepare individuals in a rapidly changing society that is ever more dependent on mathematical understanding in diverse fields, never envisaged just 10 years ago. The core of the content will be based on the Queensland Essential Learnings (Mathematics) and the Australian Curriculum: Mathematics, currently being developed by the Australian Curriculum Assessment and Reporting Authority (ACARA).

CRP434 Primary Science: P-7

Equivalents	MDP471
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Teaching science and technology in primary schooling contexts needs to focus on developing students' skills of inquiry and investigation with opportunities for students to explore a wide range of phenomena that relate to the natural and designed world. This unit is designed to develop some fundamental curriculum, pedagogical and assessment practices associated with teaching science and technology in the primary years of schooling.

CSB011 Patient Care in Professional Practice

Equivalents	PCB007, PYB074
Credit Points	12
Campus	null

This unit will provide you with an introduction to the theoretical concepts and clinical principles that underpin the care of patients undergoing procedures in medical radiations departments. Patient care involves a team approach from a variety of health professionals and this unit will expose you to effective strategies for communication and interpersonal skills.

CSB012 Introduction to Medical Radiations

Equivalents	PCB178
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

CSB020 Systematic Imaging Pathology

Anti-requisites	LSB367,LSB475
Equivalents	PCB252
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

-

CSB021 General Radiography 1

Pre-requisites	LSB142 and (CSB012 or PCB178) and (CSB022 or PCB277). CSB022 can be enrolled in the same teaching period as CSB021
Equivalents	PCB276
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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	(CSB011 or PCB007) and (CSB012 or PCB178) and (CSB021 or PCB276). CSB021 can be enrolled in the same teaching period as CSB022
Equivalents	PCB277
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

CSB023 Treatment Planning 1

Pre-requisites	(CSB012 or LSB111) and (LQB183 or LSB142) and PCB272
Equivalents	PCB286
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit is an introduction to the techniques of radiotherapy treatment planning including patient data acquisition and radiation dosimetry.

CSB024 Radiation Therapy 1

Pre-requisites	(CSB011 or CSB111) and (CSB012 or LSB111) and (LQB183 or LSB142)
Equivalents	PCB287
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit introduces the basic techniques of radiotherapy treatment and equipment. Practical sessions are completed in clinical departments.

CSB030 Clinical Radiotherapy 1

Pre-requisites	CSB023 and CSB024 and PCB675
Equivalents	PCB351
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

-

CSB031 Radiographic Equipment

Pre-requisites	CSB012 or PCB178
Equivalents	PCB355
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The 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.

CSB032 Radiation Therapy 2

Pre-requisites	(CSB023 or PCB286) and (CSB024 or PCB287) and PCB675
Equivalents	PCB357
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

-

Units

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

-

CSB034 General Radiography 2

Pre-requisites	(CSB021 or PCB276) and (CSB022 or PCB277) and LSB142
Co-requisites	CSB033
Equivalents	PCB377
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Equivalents	PCB396
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Equivalents	CSB031
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

CSB040 Applied Medical Imaging

Pre-requisites	(LQB183 or LSB245) and (LQB389 or LQB390)
Equivalents	PCB452
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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 on a range of medical images. Students will lean the essential underpinning technical aspects of medical image production and gain skills in interpretation of CT, MR and plan radiography images.

CSB041 Specialised Imaging Techniques

Pre-requisites	(CSB034 or PCB377) and (CSB033 or PCB379) and (CSB044 or PCB479). PCB479 or CSB044 can be enrolled in the same teaching period as CSB041
Equivalents	PCB476
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit includes specialised techniques of radiography including the skull, macroradiography, obstetrics, gynaecology, CNS, paediatrics and geriatrics.

CSB042 Clinical Radiotherapy 2

Pre-requisites	(CSB030 or PCB389) and (CSB035 or PCB396)
Equivalents	PCB451
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

-

CSB043 Radiation Therapy 3

Pre-requisites	(CSB035 or PCB396) and (CSB032 and PCB397-2) and LQB389
Equivalents	PCB457
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit builds on Radiation Therapy 2 to provide students with the necessary skills in technique and patient care required for clinical practice.

CSB044 Clinical Radiography 2

Pre-requisites	(CSB033 or PCB379) and (CSB041 or PCB476). CSB041 can be enrolled in the same teaching period as CSB044
Equivalents	PCB459
Credit Points	12
Campus	null
Teaching Periods	2014 SEM-2 (INT)

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	LQB389 and (CSB035 or PCB396)
Equivalents	PCB495
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit includes a study of planning hardware and software to include two-dimensional planning and the development of concepts to an advanced level of understanding of computer-assisted optimisation of isodose distributions.

CSB046 Complementary Imaging Techniques

Pre-requisites	CSB012 or PCB178
Equivalents	PCB477
Credit Points	12
Campus	null

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.

CSB050 Professional Practice in Radiation Therapy

Pre-requisites	CSB042, CSB043 and CSB045
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

-

CSB051 Advanced Radiographic Technique 1

Pre-requisites	(CSB041 or PCB476) and (CSB044 or PCB479)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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	CSB040 and CSB042 and CSB043 and CSB045
Equivalents	PCB591-1
Credit Points	12

Units

Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Experience in clinical departments is vital to developing clinical competence and this unit is designed to build on the experience gained in previous units to further develop students' clinical and interpersonal skills. Continuing commitment to reflective practice will empower students to move towards autonomous learning. After completion of this Unit students should be able to assist with the full range of clinical procedures and have clear ideas about how to organise their clinical learning in relation to their future personal and professional development.

CSB053 Clinical Radiography 3

Pre-requisites	CSB044 or PCB479
Equivalents	PCB581-1
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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	PCB587
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Oncology and technique are an essential component of radiation therapy skills and application of fundamental principles to routine treatment practice is essential. Students will need to gain practical skills in order to become a competent radiation therapist and this module provides them with the underpinning theory and practice. Students at this level are expected to engage with the literature base in order to support their work and they will have specific support for this via the presentation.

CSB055 Treatment Planning 4

Pre-requisites	(CSB045 or PCB495) and (CSB040 or PCB452) and CSB043
Equivalents	PCB595
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 highly complex 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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

CSB060 Specialised Radiotherapy Technique

Pre-requisites	(CSB054 or PCB587) and (CSB055 or PCB595)
Equivalents	PCB687
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit includes a study of specialised radiotherapy techniques including techniques applicable to the child patient and patients with communicable disease, total body photon and electron therapy. It also covers the principles, strengths and stage of development of techniques that are integral or complementary to the modern radiotherapy treatment of cancer.

CSB061 Project

Pre-requisites	CSB061-1 or PCB672-1
Equivalents	PCB672-2
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.)

CSB061 Project

Pre-requisites	CSB041 or PCB476 or CSB043 or PCB397-2
Equivalents	PCB672-1
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

CSB062 Advanced Radiographic Technique 2

Pre-requisites	(CSB051 or PCB567) and (CSB053-1 or PCB581-1)
Equivalents	PCB667
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

A knowledge of the principles of operation and application of advanced techniques and their imaging appearances is a necessary requirement of medical imaging students. This unit will expand and extend the knowledge acquired in previous units to advanced imaging investigations and practical imaging sessions will allow maintenance of general radiography skills.

CSB063 Magnetic Resonance Imaging

Pre-requisites	LQB390 and (CSB040 or PCB452)
Equivalents	PCB682
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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 or PCB587) and (CSB055 or PCB595)
Equivalents	PCB695
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit is a study of the principles and techniques of medical imaging used in the detection of cancer including MRI, PET and SPECT. This study also covers future directions of three dimensional treatment planning, and IMRT.

CSB065 Advanced Radiation Practice

Equivalents	PCB600
Other requisites	Prior qualification in medical research science is required to enrol

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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	(CSB052 or PCB590-1 or PCB591-1) and (CSB054 or PCB587) and (CSB055 or PCB595)
Equivalents	PCB591-2
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT); 2014 SUM (INT)

Experience in clinical departments is vital to developing clinical competence and this unit is designed to build on the experience gained in previous units to further develop students' clinical and interpersonal skills. Continuing commitment to reflective practice will empower students to move towards autonomous learning. After completion of this unit students should be able to assist with the full range of clinical procedures and have clear ideas about how to organise their clinical learning in relation to their future personal and professional development.

CSB111 Foundations of Clinical Practice

Equivalents	PUB442
Credit Points	12
Campus	Gardens Point and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Clinical health professionals work in multi disciplinary 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
Teaching Periods	2014 SEM-1 (INT)

This unit is an introduction to ambulance practice and the role of paramedics within the health care spectrum. It prepares students for the first clinical practice unit. Topics include the following: the history, evolution, culture and development of ambulance services on a national and international level; the structure, function, policies and procedures of the Queensland Ambulance Service; the role of the ambulance service in a multidisciplinary and integrated approach to health care; the relationship between field care and in-hospital definitive care; and basic ambulance care including initial assessment, planning and implementing basic procedures, and equipment. The unit includes a structured observer program.

CSB331 Paramedic Clinical Practice 1

Pre-requisites	(LSB282 or LQB281) and (CSB332 or PUB280)
Equivalents	PUB270
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT); 2014 SUM (INT)

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; 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
Teaching Periods	2014 SEM-2 (INT)

-

CSB333 Foundations of Paramedic Practice 3

Pre-requisites	CSB331 or PUB270
Equivalents	PUB383
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

-

CSB334 Research and Evidence Based Practice for Paramedics

Equivalents	PUB384
Credit Points	12
Campus	null

CSB335 Paramedic Management of Cardiac, Respiratory and Neuro Emergencies

Pre-requisites	CSB333 or PUB383 or PUB390
Equivalents	PUB451
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

-

CSB336 Paramedic Management of Medical and Surgical Emergencies

Pre-requisites	CSB333 or PUB383 or PUB390
Equivalents	PUB452
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

-

CSB337 Paramedic Management of Trauma and Environmental Emergencies

Pre-requisites	CSB333 or PUB383 or PUB390
Equivalents	PUB453
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

-

CSB338 Ethics and the Law in Health Service Delivery

Equivalents	PUB486
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit enables students to develop an awareness of the ethical and legal issues associated with the public sector and health care in the pre-hospital care setting. This unit covers topics relating to the code of ethics, the code of conduct and the legislation unique to the emergency health services. Students are required to apply content knowledge using the problem based learning strategy. Topics include introduction to ethics, morality and ethical theory, bioethics, public sector ethics, overview of the Australian legal system, consent to and refusal of health care, duty of care, confidentiality, and record keeping.

CSB339 Paramedic Management of Lifespan Emergencies

Pre-requisites	CSB333 or PUB383 or PUB390
Equivalents	PUB566
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

-

Units

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
Teaching Periods	2014 SEM-1 (INT)

-

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
Teaching Periods	2014 SEM-1 (INT)

-

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
Equivalents	PUB532
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SUM (INT)

Ambulance crews generally work in pairs, so at the scene of the incident the patient can be managed by you and your partner, and then en route to hospital one paramedic drives the ambulance while the other continues patient care in the back. To be a functional team member it is vital that you grow as a student paramedic in a two officer crew environment. This unit is the second in a series of five that provide the work integrated learning experience. During this unit you will have the opportunity to apply practical theory and understanding from clinical management units. Over a six week period, you will be required to complete approximately 240 hours of placement to be conducted externally through the Queensland Ambulance Service. Designated unit 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. At the end of each semester, if you fail to achieve a passing grade in this unit you may be eligible for a period of probation or exclusion.

CSB343 Paramedic Clinical Practice 3

Pre-requisites	CSB342 or PUB532 or PUB470
Equivalents	PUB673
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

As a third year student you have been exposed to core content of the course. You can approach this clinical practice unit with a better developed knowledge, understanding and skill base to evolve your clinical practice to the level of beginner practitioner. Over a six week period, you will be required to complete approximately 240 hours of placement to be conducted externally through the Queensland Ambulance Service. Designated unit 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. At the end of each semester, if you fail to achieve a passing grade in this unit you may be eligible for a period of probation or exclusion.

CSB344 Integrated Paramedic Practice (Capstone)

Pre-requisites	CSB343 or PUB673 or PUB570. CSB343 can be studied in the same teaching period as CSB344
Equivalents	PUB679
Credit Points	12
Campus	null

-

CSB345 Transition to Professional Paramedic Practice

Pre-requisites	CSB343 or PUB673 or PUB570. CSB343 can be studied in the same teaching period as CSB345
Equivalents	PUB680
Credit Points	12
Campus	null

This unit prepares students for practice as qualified ambulance paramedics and further develops professional skills. Clinical practice is conducted in a prehospital environment under the supervision of an ambulance crew with a qualified clinical mentor. In addition, reading and learning activities give opportunities for the development of reflective practice skills and strategies.

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
Teaching Periods	2014 SEM-2 (INT)

This is the final unit (capstone) in the series of paramedic units that provide you with the opportunity to consolidate 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 build on previous clinical units and draw upon concepts, principles and theories that have been developed through your studies in paramedic and related sciences. This capstone unit informs your transition towards the graduate paramedic role.

CSB420 Introduction to Pharmacy Practice

Pre-requisites	PYB007 or CSB111
Equivalents	SCB208
Credit Points	12
Campus	null

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.

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
Teaching Periods	2014 SEM-1 (INT)

A principle role of pharmacists is to dispense and provide advice on the use of large range over the counter (OTC) medications. This unit will provide knowledge on the therapeutic use and regulatory requirements of OTC medications and reinforce the communication skills that are necessary to effectively counsel patients on their proper use and the possible incidence and presentation of adverse effects. An introduction to nutrition and diet will also be provided by the Health Faculty. Experiential placements will also commence during this unit. Additionally, this unit will facilitate the mastery in the proper use of a wide range of basic pharmaceutical calculations which are imperative for the correct determination and validation of prescribed doses of drugs.

CSB433 Pharmaceutical Chemistry and Pharmacology 1

Pre-requisites	LQB182 and CVB101
Equivalents	SCB338
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Pharmacists require a detailed understanding of the physiochemical 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
Teaching Periods	2014 SEM-2 (INT)

This unit extends the students knowledge of pharmacy practice in the areas of dispensing and counselling of both OTC and scheduled drugs used in the treatment of cardiovascular, respiratory, renal and GI Tract complaints. Students will be introduced to concepts such as non-compliance of patients, problem identification and effective strategies to overcome these obstacles to health management through patient communication. Practical experience will be gained by the students via experimental placements in a community pharmacy environment. Additionally, this unit will extend the students mastery of the proper use of a wide range of advanced pharmaceutical calculations.

CSB442 Pharmacokinetics

Equivalents	SCB428
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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.

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
Teaching Periods	2014 SEM-1 (INT)

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.

CSB452 Pharmaceutics 1

Equivalents	SCB528
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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.

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
Teaching Periods	2014 SEM-2 (INT)

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 and the treatment of tumours and malignancies.

CSB461 Pharmacogenomics and Drug Metabolism

Pre-requisites	CSB453
Equivalents	SCB638
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

This unit is designed to extend the knowledge base of pharmacy students in the discipline of pharmaceutics 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
Teaching Periods	2014 SEM-2 (INT)

-

CSB470 Pharmacy Practice 5

Pre-requisites	CSB460 and CSB473. CSB473 can be studied in the same teaching period as CSB470
Co-requisites	CSB475 and CSB476
Equivalents	SCB708
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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

Co-requisites	CSB470 and CSB476
Equivalents	SCB758
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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. Moreover, many pharmacists enter into complex partnerships agreements during the purchase of a pharmacy. This unit will provide the basic management tools in the areas of accounting, preparation of budgets and business plans, payroll and GST legislation, marketing, partnerships law, decision making and the use of financial software to effectively understand the information provided by support staff to make effective business decisions.

CSB476 Professional Placements 1

Co-requisites	CSB470 and CSB475
Equivalents	SCB768
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 as CSB480
Co-requisites	CSB485 and CSB486
Equivalents	SCB808
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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

Co-requisites	CSB480 and CSB486
Equivalents	SCB858
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit extends the knowledge of pharmacy students in areas of accounting and finance, management, HR and health care policy in relation to the management of a pharmacy business.

CSB486 Professional Placements 2

Pre-requisites	CSB476
Co-requisites	CSB480 and CSB485
Equivalents	SCB868
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

CSB520 Disease Processes

Anti-requisites	LSB321, LSB361, LSB367
Equivalents	LSB475
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Clinical health professionals work in multi disciplinary 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.

CSB521 Podiatric Medicine 1

Pre-requisites	LSB235 and LSB250
Equivalents	PUB339
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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.

CSB524 Rehabilitation Medicine and Physical Therapies

Pre-requisites	CSB521 or PUB339
Equivalents	PUB538
Credit Points	12
Campus	null

Ths unit introduces a wide range of diagnostic and physical treatment modalities used in modern podiatric practice. Students gain understanding in uses, applications, contraindications and limitations of each modality studied in direct connection with ongoing clinical studies and theoretical components of podiatric medicine.

CSB525 Podiatric Medicine and Clinical Practice

Equivalents	PUB442
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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
Equivalents	LSB584
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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 can be studied in the same teaching period as CSB531
Equivalents	PUB537
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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.

CSB534 Podiatric Medicine 4

Pre-requisites	CSB533
Equivalents	PUB639
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

CSB535 Podiatric Anaesthesiology

Pre-requisites	CSB530 and CSB532 and CSB533
Equivalents	PUB522
Credit Points	12
Campus	null

This unit provides an understanding of the science of anaesthetics as applicable to the practice of podiatry. Students are required to understand the pharmacology of local anaesthetics and their clinical usage, and be competent in injection techniques, including local infiltration and local nerve block in the lower limbs. [Designated unit]

CSB536 Clinical Therapeutics for Podiatrists

Pre-requisites	CSB532 and (CSB530 or LSB584)
Co-requisites	CSB534
Equivalents	PUB662
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

CSB537 Orthopaedics and Sports Medicine

Pre-requisites	CSB531 and CSB533
Equivalents	PUB638
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit provides students with a detailed knowledge of orthopaedic and musculoskeletal conditions affecting the lower limb. The unit also discusses the assessment and management of the sports patient.

CSB539 Podiatric Anaesthesiology and Surgery

Pre-requisites	CSB530 and CSB532 and CSB533
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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	CSB545 or PUB739. CSB545 can be studied in the same teaching period as CSB541
Equivalents	PUB738
Credit Points	12

Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

-

CSB542 Professional Placement 2

Pre-requisites	CSB541
Equivalents	PUB838
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

CSB543 Podiatric Surgery

Pre-requisites	(CSB535 or PUB522) and (CSB532 or PUB437) and (CSB530 or LSB584)
Equivalents	PUB635
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit addresses the implementation of podiatric surgical techniques based on strong theoretical knowledge. On completion, students should understand the principles and techniques of lower limb surgery. Students are taught minor surgical techniques and review some of the more common major surgical procedures including the foot and ankle.

CSB544 Transition to the Clinical Profession

Pre-requisites	CSB545
Equivalents	PUB862
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

CSB545 Podiatric Medicine 5

Pre-requisites	(CSB537 or PUB638) and (CSB534 or PUB639)
Anti-requisites	PUB739
Equivalents	PUB740
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

-

CSB546 Podiatric Medicine 6

Pre-requisites	CSB545
Anti-requisites	PUB839
Equivalents	PUB840
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

CSB600 Evidence-Based Clinical Practice

Equivalents	CSB334, PUB384
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

.

CSN021 Cardiac Ultrasound 1

Equivalents	PCN155
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

A comprehensive understanding of two-dimensional echocardiography and M-mode (motion mode) echocardiography is essential for professionals working in this field. This includes a detailed understanding of cardiac anatomy and physiology as well as a basic understanding of the embryological development of the human heart. Topics include embryological development of the human heart, detailed anatomy of the adult human heart, physiology of the adult human heart, basic cardiac pharmacology, basic electrocardiograph (ECG) patterns, the routine adult two-dimensional and M-mode echocardiographic examination of the adult heart (including standard two-dimensional and M-mode measurements and calculations).

CSN022 Cardiac Ultrasound 2

Pre-requisites	(CSN021 or PCN155) and CSN031. CSN031 can be studied in the same teaching period as CSN022
Equivalents	PCN259
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

The field of medical ultrasound is scientifically based, in an environment that is rapidly changing and undergoing considerable technological advancement. Cardiac ultrasound (echocardiography) is a highly specialised technique for the assessment of the human heart. This unit extends and builds on the content of PCN155 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 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	External
Teaching Periods	2014 SEM-1 (EXT)

Cardiac ultrasound (echocardiography) is a highly specialised technique for the assessment of the human heart. This unit extends and builds on the content of PCN155 and PCN259 by introducing concepts and techniques of the more complex haemodynamic calculations and by discussing the applications of these techniques to cardiac valvular disease, diseases of the aorta and hypertensive heart disease in the adult patient.

CSN024 Advanced Cardiac Ultrasound

Pre-requisites	(CSN023 or PCN359) and (CSN031 or PCN497-2)
Equivalents	PCN459
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

This unit extends and builds on the content of units PCN259 and PCN359 by introducing more advanced applications of echocardiography. In particular, this unit covers the role of echocardiography in the assessment of complex cardiac diseases such as diastolic dysfunction, pericardial disease, cardiac masses, systemic diseases with cardiac involvement and congenital heart defects. An understanding of other diagnostic imaging methods of the heart is important complementary nature of diagnostic testing. The aim of the unit is to provide students with a detailed understanding of advanced applications of echocardiographic techniques, a sound knowledge of new and evolving echocardiographic techniques and an appreciation of 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
Teaching Periods	2014 SEM-1 (INT, EXT)

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

Co-requisites	CSN025
Equivalents	PCN159
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The unit addresses the normal and abnormal anatomy and functions related to gynaecology and obstetrics, the ultrasonic techniques used and the appearance of related images. It includes a study of the technique used in the ultrasonic examination of the abdomen including the appearance on the ultrasound image of normal abdominal anatomy and its alteration by pathological processes.

CSN027 Ultrasonic Examination 2

Pre-requisites	CSN026 and CSN025
Co-requisites	CSN033
Equivalents	PCN356
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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 includes ultrasound techniques in advanced obstetrics and gynaecology and in the abdomen.

CSN028 Vascular Ultrasound

Pre-requisites	(CSN033 or PCN159) and (CSN027 or PCN356)
Equivalents	PCN355
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit includes the principles and equipment requirements of ultrasound applications in the cardiovascular system. It also includes the clinical techniques and diagnostic criteria of such applications, in particular those of the peripheral arterial and venous systems.

CSN029 Advanced Ultrasound Topics

Pre-requisites	(CSN033 or PCN197-2) and (CSN027 or PCN356)
Equivalents	PCN357
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Equivalents	PCN497-1, PCN497-2
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

This is the first in a series of two 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 sonograpaher. Learning outcomes of this unit build on your past clinical experiences and inform your future development and progression though 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
Equivalents	PCN597-1, PCN597-2
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

This is the second in a series of two 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 sonograpaher. Learning outcomes of this unit build on your past clinical experiences and inform your future development and progression though 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 and CSN026
Equivalents	PCN197-1,PCN197-2
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

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 that is complementary to other units in the course.

CSN034 Medical Ultrasound Clinical Practice 2

Pre-requisites	CSN027 and CSN033
Equivalents	PCN297-1,PCN297-2
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

This unit builds on the skills, knowledge and abilities gained in the unit CSN033. Medical ultrasound is a highly specialised technique for the assessment of many areas of the human body and the developing fetus. This unit is an essential component of the course as it allows the student to be involved in extensive clinical experience that is complementary to all other units in the course.

CSN311 Introduction to Advanced Clinical Practice

Equivalents	PUN220
Credit Points	12
Campus	null

-

CSN312 Cardiovascular Emergencies

Equivalents	PUN221
Credit Points	12
Campus	null

-

CSN313 Medical and Surgical Emergencies 1

Equivalents	PUN222
Credit Points	12
Campus	null

-

Units

CSN314 Clinical and Integrated Practicum 1

Equivalents	PUN223
Credit Points	12
Campus	null

-

CSN315 Medical and Surgical Emergencies 2

Equivalents	PUN224
Credit Points	12
Campus	null

CSN316 Trauma and Environmental Emergencies

Equivalents	PUN225
Credit Points	12
Campus	null

CSN317 Obstetric and Paediatric Emergencies

Equivalents	PUN226
Credit Points	12
Campus	null

CSN318 Clinical and Integrated Practicum 2

Equivalents	PUN227
Credit Points	12
Campus	null

CSN500 Podiatric Therapeutics 1

Anti-requisites	LSB584, PUB662
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

-

CSN501 Podiatric Therapeutics 2

Pre-requisites	CSN500
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT, BLK)

-

CVB101 General Chemistry

Anti-requisites	CZB190
Equivalents	SCB111
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

Chemistry is ultimately 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
Teaching Periods	2014 SEM-2 (INT)

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 301Organic 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
Teaching Periods	2014 SEM-2 (INT)

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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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 Criminalistic and Physical Evidence

Equivalents	SCB384
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

The widespread use of computers, mobile phones, PDAs, digital cameras, USB drives, the internet, etc in everyday activates 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
Teaching Periods	2014 SEM-1 (INT)

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.

CVB220 Process Principles

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

-

CVB221 Unit Operations

Equivalents	PQB525
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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, in recent years, on the course of law enforcement investigations, criminal court proceedings, and victim service provider issues. 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, Osteology and Toxicology evidence have become a highly influential piece of the crime puzzle. In this unit the students will be introduced to the concepts of DNA profiling and analytical toxicology and their applications in forensic case work. The students will develop the necessary skills for analysing and interpreting the DNA and toxicology evidences. The students will also be introduced to the basic concepts of forensic anthropology. This 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.

CVB310 Chemical Measurement Science

Credit Points	12
Campus	null

CVB320 Instrumental Analysis

Pre-requisites	CVB202
Equivalents	PQB513
Credit Points	12
Campus	null

Modern instrumental methods are capable of producing large quantities of data and it is becoming common practice to use data driven chemometic 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.

CZB190 Chemistry for Health Sciences

Anti-requisites	CVB101, CVB102
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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 in 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
Teaching Periods	2014 SEM-2 (INT)

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 in 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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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.

DAB420 Architecture, Culture and Space

Credit Points	12
Campus	null

Architecture is arguably a measure of a community's cultural mores; it reflects the attitudes, values and beliefs of its place, time and makers. This unit aims to promote awareness of how architecture is both a product and an emblem of socio-cultural conditions. In particular it explores the interdependency between how architecture is conceived and made, and the way people structure their worldview and organise their institutions in a range of cultural contexts and settings.

DAB435 Architectural Technology 1

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

DAB510 Architectural Design 5

Pre-requisites	DAB310
Equivalents	ADB005
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 design a technologically enhanced architectural space 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.

DAB525 Architecture and the City

Equivalents	ADB013
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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, tutorials, and studio based activities.

DAB530 Integrated Technologies 2

Pre-requisites	DAB435
Equivalents	ADB024
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

DAB610 Architectural Design 6

Pre-requisites	DAB510
Equivalents	ADB006
Credit Points	12
Campus	null

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.

DAB611 Architectural Design 6

Pre-requisites	DAB410
Equivalents	ADB006, DAB610, DAH610
Credit Points	12
Campus	null

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.

DAB635 Architectural Technology 2

Pre-requisites	DAB435
Equivalents	ADB025
Credit Points	12
Campus	null

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.

DAB710 Architectural Design 7

Pre-requisites	DAB610
Equivalents	ADB007
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit offers an advanced level investigation into the field of design as applied to architecture, with particular focus on Urban Design issues that come to bear in the design of a building. On completion of this unit you should be able to; demonstrate, through your project work, your understanding of cities and an awareness of the forces shaping their development. Demonstrate that you have developed critical, analytical and speculative research skills applicable to urban situations. Adopt a reasoned position in relation to an architectural problem and to argue, speculate and design from that position. Demonstrate

judgement that enables the identification of design opportunities at an urban scale that inform architectural design decisions.

DAB810 Architectural Design 8

Equivalents	ADB008
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit offers an advanced level investigation into the field of design as applied to architecture, with particular building type or architectural topic. The unit draws on the breadth of knowledge students have attained through the process of their architectural education. On completion of this unit you will be able to: Demonstrate your understanding of the design process. Demonstrate your development of a range of critical, analytical and speculative research skills applicable to architectural design projects. Establish a defensible position in relation to an architectural problem and to speculate, design and argue from that position. Demonstrate your development of judgement that enables the identification of opportunities that inform architectural design decisions.

DAB811 Architectural Design 8

Pre-requisites	DAB710
Equivalents	DAN135, DAN230
Credit Points	36
Campus	null

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.

DAH510 Architectural Design 5

Pre-requisites	DAB410
Equivalents	ADB005, DAB510
Credit Points	12
Campus	null

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 design a technologically enhanced architectural space 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.

DAH610 Architectural Design 6

Pre-requisites	DAB410
Equivalents	ADB006, DAB610
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

DAH635 Architectural Technology 2

Pre-requisites	DAB530 or DAH530
Equivalents	ADB025, DAB635
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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	null

This unit offers an advanced level investigation into the field of design as applied to architecture, with particular focus on Urban Design issues that come to bear in the design of a building. On completion of this unit you should be able to; demonstrate, through your project work, your understanding of cities and an awareness of the forces shaping their development. Demonstrate that you have developed critical, analytical and speculative research skills applicable to urban situations. Adopt a reasoned position in relation to an architectural problem and to argue, speculate and design from that position. Demonstrate judgement that enables the identification of design opportunities at an urban scale that inform architectural design decisions.

DAH811 Architectural Design 8

Pre-requisites	(DAB635 or DAH635) and (DAB610 or DAB611 or DAH610)
Equivalents	DAN135, DAN230
Credit Points	36
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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 oreintation 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.

DAN200 Master Studio B

Pre-requisites	DAN100
Equivalents	ADN053, ADB053
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

DAN201 Master Studio B

Credit Points	24
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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 standa

DAN235 Project Management

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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 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 programing, 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

Equivalents	ADN033, ADB033
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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, ENB100, UDB100
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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.

DEB210 Advanced Collaboration

Pre-requisites	DEB110 or BEB210
Equivalents	BEB212
Credit Points	12
Campus	null

New digital technologies are transforming practice for all building and construction professionals through the use of data rich integrated models that can be used over the whole building life-cycle. This unit uses a range of Building Information Modelling (BIM) tools to demonstrate this transformation through advanced digital collaboration.

DEB211 Sustainable Design Systems

Equivalents	BEB213
Credit Points	12
Campus	null

This subject familiarises students with concepts concerning building performance and how they inform design considerations during conceptual exploration. Software and tools that allow different aspects of sustainability to be analysed in the early design stages will be introduced to demonstrate how performance considerations can influence form-finding. This will contribute to the development of more holistic approaches to design that result in more sustainable building outcomes.

DEB212 Advanced Collaboration

Pre-requisites	DEB210 or BEB210
Equivalents	BEB212
Credit Points	12
Campus	null

DEB213 Sustainable Design Systems

Equivalents	BEB213
Credit Points	12
Campus	null

DEB502 Mapping Cities

Credit Points	12
Campus	null

DEB503 Urban Design Studio X

Credit Points	12
Campus	null

This unit develops your knowledge, skills and application of urban design theory and practice through problem-based learning in the studio.

DEB601 Collaborative Design

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The experience of cross-disciplinary design collaboration is considered a significant aspect of the preparation of design students for future professional practice. This unit provides such an experience through a collaborative design studio. Collaboration will be addresses and fostered by students working on a design studio project that facilitates cross-disciplinary collaboration and introduces them to various forms of collaboration. Through the projects student will be exposed to the discourse of design disciplines other than their own while at the same time being able to build on discipline specific skills, knowledge and attitudes.

DEB701 Research Methods

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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

DEB801 Professional Practice

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit introduces and consolidates key issues in discourses about the design professions: the differences between discipline and professional knowledge, the organisation and roles of the regulatory and professional bodies that govern the professions, the cultural context for contemporary design practice, and the values and attitudes which govern professional practice. Teaching and learning takes place through a variety of structured activities: lectures, tutorials, seminars, workshops and online.

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
Equivalents	DEB701
Credit Points	12
Campus	null

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

DEN501 Cities in History - urban housing

Credit Points	12
Campus	null

DEN502 Mapping Cities

Credit Points	12
Campus	null

DEN503 Urban Design Studio X

Pre-requisites	DEN501 and DEN502 can be enrolled in the same teaching period as DEN503.
Credit Points	12
Campus	null

DEN510 Urban Design Studio A

Equivalents	PSP452
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit lays a theoretical foundation for postgraduate coursework and practice in urban design and other professions involved in producing the built environment. It provides a critical view of the theory and practice for urban design as a basis for the development of specialist knowledge in this field, both within this unit and other units within this urban design program.

DEN511 Theory Research Project A

Equivalents	PSN211
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Students will research urban design theory, drawing on literature and case studies from around the world to develop their knowledge in this area and contribute to the School of Design's research data base. This unit links to learnings developed in DEN510.

DEN520 Urban Design Studio B

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit comprises an urban design studio focussed on exploring issues relating to our greater region, i.e. South East Asia and the Pacific Rim. The studio, allows for the synthesis of knowledge and skills from other units in the course. It offers a problem-based learning experience that engages with advanced urban design issues. The unit focuses on the design management of the transformation and incremental development of existing urban/suburban/town/fringe areas. This area of urban design activity has to mediate between existing development patterns, ownership patterns, development trends, diverse community aspirations, and professional and institutional practices.

DEN521 Theory Research Project B

Equivalents	DBP501
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Through this unit you will develop your research knowledge and capabilities in the context of Urban design.. Knowledge from this unit will be developed in parallel with DEN520 and demonstrated through application within the design studio.

DLB100 Landscape Design 1

Equivalents	DLB130
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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 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
Teaching Periods	2014 SEM-2 (INT)

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.

DLB230 Landscape Horticulture

Equivalents	PSB442
Credit Points	12
Campus	null

This unit introduces the fundamentals of plant science, ecology and horticulture, especially within a local southeast Queensland context. This theoretical knowledge will be applied to a simple planting design project.

DLB240 Landscape Technology

Pre-requisites	DLB103
Equivalents	DLB430
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit introduces foundational landscape technologies, focusing on the principles of landform and the technical manipulation of existing or constructed landforms. These principles and skills are fundamental underpinnings of design in landscape architecture due to landform's influence on: spatiality, use and experience, soil and water interaction, and construction. From this foundation, many of the subsequent technical, social and environmental elements of landscape design can be understood. DLB240 continues your DLB100 design learning at a finer scale of detail and precision including site regrading, surface water management and site preparation for planting. This unit will extend the technical graphics and communication skills developed in DLB103. The unit also 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
Teaching Periods	2014 SEM-1 (INT)

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	null

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 DLB102 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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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

Pre-requisites	DLB400 (can be enrolled in the same teaching period)
Equivalents	DLB330
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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 DLB700.

DLB440 Landscape Construction

Pre-requisites	DLB240
Equivalents	DLB530
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This intermediate level unit builds on the foundational knowledge, skills and applications you learnt in DLB240, continuing your development towards a finer scale of detail and precision to resolve the processes of landscape design construction. It introduces theories of basic applied geology, physics and chemistry to help you analyse technical briefs and the properties of landscape elements, and to critically evaluate and select appropriate materials, landform control and construction techniques to creatively formulate sustainable landscape design propositions and implementation strategies. This unit also introduces you to basic Contract Law and how it relates to landscape architectural consultancy and landscape construction. You will extend the technical graphic design development and communication skills you developed in DLB240 into the specialised area of construction documentation. This unit prepares you for your third year, advanced level unit in landscape design, technology and construction, DLB600.

DLB500 Landscape Design 5

Pre-requisites	DLB300
Equivalents	DLB510
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 DLB600.

DLB525 History and Criticism of Landscape Design

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

DLB600 Landscape Design 6

Pre-requisites	DLB440 and DLB500
Equivalents	DEB601, DLB630
Credit Points	24
Campus	null

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. DLB600 unites and builds on the knowledge, skills and applications of these units in a program wherein you will learn and explore advanced levels of 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 technical design specificity and independent application. It provides a solid foundation for the critical and creative complexity and independence required in your final year landscape design studios beginning with DLB700.

DLB630 Landscape Construction 3

Pre-requisites	DLB530
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit will build on the work of previous design resolution units to take the student into the realm of construction of larger scale landscape elements. Topics include: the principles and practice of water sensitive urban design; design and construction of golf courses, swimming pools; and artificial lakes and earth dams; scope of contract documents; defining extent of works; set-out of works – horizontal and vertical; site clearing, demolition and environmental protection and noise control. The unit will also advance the principles and practice of contract documentation including writing contract and construction specifications.

DLB700 Landscape Design 7

Pre-requisites	DLB500
Equivalents	DLB710, DLB810
Credit Points	24
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 DLB800 will build on these skills in your capstone landscape project.

DLB710 Landscape Design 6

Pre-requisites	DLB510
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This advanced level 12 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 DLB 730 or DLB 800 will build on these skills in your capstone landscape project.

DLB730 Landscape Design 7

Pre-requisites	DLB510
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This design unit explores contemporary theories and practices of landscape architecture through the conceptual development of a speculative project for real world application. Students will undertake a national and international literature and exemplary project review, together with site research, to establish a project brief and conceptual design for a medium to large-scale strategic landscape design project. Theoretical positions and presentation methods developed in DLB730 will be informed by investigations into the conditions of climate change and water formed landscapes.

DLB800 Landscape Design 8

Pre-requisites	DLB700
Equivalents	DLB730, DLB830
Credit Points	24
Campus	null

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.

DLB810 Landscape Planning and Policy

Pre-requisites	DLB330 and DLB645
Equivalents	PSP273
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This advanced level 12 credit point landscape planning 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 and management, and independently formulate innovative and sustainable landscape planning 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 DLB810 will build on these skills in your capstone landscape project.

DLB830 Landscape Design 8

Pre-requisites	DLB730
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit is the final design studio in the landscape architecture course and develops urban design skills and knowledge on a project in the con-urbation of South-East Queensland, through a staged process leading to an advanced landscape design outcome. The final design presentation will be to a jury invited from academic staff and practice and a public exhibition of the collected work.

DLB845 Professional Practice in Landscape Architecture

Equivalents	DEB801
Credit Points	12
Campus	null

This capstone unit builds on understandings of legal and regulatory environment in which landscape architects operate introduced in DLB440, 600 and 700. 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 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.

DLH600 Landscape Design 6

Pre-requisites	DLB400
Equivalents	DEB601, DLB630
Credit Points	24
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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 knowledge, skills and applications of these units in a program wherein you will learn and explore advanced levels of 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 technical design specificity and independent application. It provides 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	null

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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 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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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 Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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

Pre-requisites	DNB101
Equivalents	ADB212
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Equivalents	DNB303
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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.

DNB501 Industrial Design 5

Pre-requisites	DNB301
Equivalents	ADB205
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Experience design (or design for experience) is a design approach that aims to create appropriate experiences before, during and after product interaction. This unit introduces methods for enhancing the user experience. Through projects students will be exposed to: • design process and creative thinking • user-product interaction • user research and context study • design narratives • design ethics and culture

DNB503 Industrial Design 5

Pre-requisites	DNB401 and DNB404
Equivalents	DNB501
Credit Points	24
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

DNB601 Industrial Design 6

Pre-requisites	DNB401
Equivalents	ADB206
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Design for experience focuses design intent not on products as an end in themselves but in the experiences of the people who use them. Going beyond this involves focusing on the emotional aspects of experience. Through projects students will be exposed to: • design process and creative thinking • interaction design • socio-cultural trend analysis • design narratives • creativity and product innovation • interdisciplinary teamwork • design ethics and culture

DNB603 Industrial Design 6

Pre-requisites	DNB503
Equivalents	DNB601
Credit Points	24
Campus	null

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 DNB601 Industrial Design 6 extends the design methods and techniques you acquired in DNB501 Industrial Design 5 by transferring them across disciplines.

DNB703 Applied Design Research 1

Pre-requisites	DNB603
Equivalents	DNB702
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

DNB704 New Product Development

Pre-requisites	DNB603
Equivalents	ADB235 and DNB602

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

DNB801 Research and Innovation 1

Pre-requisites	DNB701 and DNB702
Equivalents	ADP268
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Applied research is key component of industrial design: this unit will show you how to apply research outcomes to the design of products and systems and how to lead large projects. It also serves as the foundation for higher research degrees. Your research will be centred on a project you select and you will be responsible for its leadership, in close collaboration with industrial design academic advisers who will guide your progress. The unit is built upon the units Human-centred Design Innovation and Design Research and is corequisite to Research and Innovation 2.

DNB802 Research and Innovation 2

Pre-requisites	DNB701 and DNB702
Equivalents	ADP269
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The aim of this unit is to assist students to integrate the knowledge gained in previous semesters and to learn how to generate relevant, new knowledge to be applied during the developmental phases of a design project. Through the individual project the students will be exposed to how to: • apply in depth research outcome to product design • apply usability testing in the relevant stages of design process • develop design in collaboration with other relevant professions • manage large projects • communicate at a professional level visually, orally and in writing This unit is corequisite to Research and Innovation 1 and serves as the foundation for higher research degrees.

DNB803 Applied Design Research 2

Pre-requisites	DNB703
Equivalents	DNB701,DNB801,DNB802
Credit Points	24
Campus	null

This unit requires you to apply the research proposal you developed in DNB703 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.

DNB804 Professional Practice in Industrial Design

Equivalents	DEB801
Credit Points	12
Campus	null

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.

DNH603 Industrial Design 6

Pre-requisites	DNB503
Equivalents	DNB601
Credit Points	24
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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	null

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	null

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
Teaching Periods	2014 SEM-2 (INT)

his unit requires you to apply the research proposal you developed in DNB703 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

Equivalents	DEB801
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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	DEB103
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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

Equivalents	ADB122
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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 are fundamental requirements for the practice of interior design and will prepare you for visual communication practices throughout your course.

DTB203 Interior Visualisation 2

Pre-requisites	DTB103
Co-requisites	DTB201
Equivalents	DEB203
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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 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
Teaching Periods	2014 SEM-2 (INT)

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 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
Teaching Periods	2014 SEM-2 (INT)

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

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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.

DTB502 Environments in Transition

Equivalents	ADP156
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

In this unit, the 19th century era will be used as a frame-of-reference for deconstructing both space and design artefact to understand the social and cross-cultural influences upon design production. Various theoretical perspectives and case studies will be used to explore this historical reference and further explore parallels with contemporary design practice. In addition, it will introduce how the cross-cultural migration of ideas and design approaches can be creatively translated and transformed to inform innovative design outcomes particular to the contemporary context.

DTB504 Design in Society

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

DTB601 Interior Design 6

Pre-requisites	DTB501
Equivalents	ADB106
Credit Points	12
Campus	null

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.

DTB603 Furniture Studies

Pre-requisites	DTB201 and DTB303
Equivalents	DTB503
Credit Points	12
Campus	null

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.

DTB701 Interior Design 7

Pre-requisites	DTB601
Equivalents	ADP107
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit provides students with the opportunity to pursue a topic of professional relevance. The project at this stage in the course will be highly complex requiring attention to a diverse/conflicting range of macro and micro issues at an advanced, in-depth and sophisticated level. Topics covered in this unit will be project directed.

DTB702 Interior Design Practice Studio 1

Pre-requisites	DTB601
Credit Points	24
Campus	null

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.

DTB801 Interior Design 8

Pre-requisites	DTB701
Equivalents	ADP108
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Everyday practice provides a context for research and opportunities to contribute in an explicit way to further practice and research. Learning in this unit is facilitated by a semester-long project that involves the application of a research-through-practice methodology. The core content of this unit will be the substantive and procedural aspects of a project developed by the student in response to their interests, continuing education and professional requirements.

DTB802 Interior Design Practice Studio 2

Pre-requisites	DTB701
Credit Points	24
Campus	null

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 foundational and intermediate years of the course.

DTB803 Professional Studies in Interior Design

Credit Points	12
Campus	null

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.

DTH601 Interior Design 6

Pre-requisites	DTB501
Equivalents	ADB106, DTB601
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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	null

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	null

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 foundational and intermediate years of the course.

DTH803 Professional Studies in Interior Design

Credit Points	12
Campus	null

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.

DUB501 Mapping Cities

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit develops the knowledge, skills and application of urban design mapping techniques. The unit explores a number of different approaches to urban design mapping in an urban context and the application of these techniques and approaches in practice.

DUB502 Urban Design Studio X

Pre-requisites	DUB501
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit develops your knowledge, skills and application of urban design theory and practice through problem-based learning in the studio.

DXP402 Critical Practices in Visual Design

Equivalents	KIP401
Credit Points	12
Campus	null

Communication Design deals with visual communication and the creation of meaning through images. This unit will introduce you to the principles, production and presentation of visual design and communication.

DXP403 Designing Interactions

Equivalents	KIP402
Credit Points	12
Campus	null

This unit further develops interface design skills for communications technologies including design priorities, visual systems, refinement of concepts, project analysis and problem solving through presentation models.

EAB003 Development and Learning in Early Childhood

Credit Points	12
Campus	null

This 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.

EAB004 Development and Learning in Early Childhood 2

Pre-requisites	EAB003
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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 sociocultural theory, which takes into account both the psychological and the social mechanisms of development and learning. Development and Learning in Early Childhood will foreground the social mechanisms of learning by discussing children's learning and development in a social context, integrating the social, emotional and cognitive elements of learning. Knowledge of contexts and their impact on individual development is necessary in order to develop an understanding of how children think and learn.

EAB005 Inclusion in Early Childhood Settings

Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (EXT)

This unit aims to promote an understanding and valuing of inclusive educational programs and practices for working with young children with special needs in diverse early childhood settings. Students are expected to develop knowledge of behavioural and developmental characteristics presented by young children with specific needs, as well as understand principles and practices related to assessment, planning and implementation of educational programs for these children.

EAB006 Leadership and Management in Early Childhood Services

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT)

Early childhood settings, including primary schools, operate by using site-based management practices that rely heavily on participation by teachers, staff from all levels of the organisation, and parents. Early childhood teachers need excellent leadership and management strategies to participate effectively in group decision-making for the development of high quality programs and services. They also need an understanding of how management structures impact on programs and service provision. This understanding, together with a high level of personal power, helps individual teachers influence and lead decisions about what happens in early childhood settings.

EAB008 Early Childhood Language, Literacies and Communication I

Credit Points	12
Campus	null

This is an introductory unit in which students examine literacies from contemporary perspectives. The focus is on young children learning literacies in family and community contexts in the years prior to formal schooling. Students are encouraged to appreciate each child's journey as they encounter a range of multimodal practices that constitute literacies.

EAB009 Early Childhood Language, Literacies and Communication 2

Pre-requisites	EAB008
Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

In this unit a literacy as social practice approach is examined critically. Students explore matters related to instructional experiences, literacy resources and materials, diversity, and partnerships with children's families. Although print will be the focus in reading and writing instruction, image/graphic text will be a significant consideration, so that literacy practices reflect new and changing ways of operating with texts. Teachers use pedagogies and assessment that provide opportunities for success for all students, particularly those individuals and groups who may perform at lower levels of proficiency.

EAB010 Early Childhood Language, Literacies and Communication 3

Pre-requisites	EAB009
Equivalents	EAB535
Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit focuses on enabling students to build competencies in planning classroom discourses and learning programs that will enable young children to establish confident use of a repertoire of language, literacy and communications understandings and practices as a basis for ongoing learning and cultural participation.

EAB012 Early Childhood Curriculum: Arts 2

Pre-requisites	EAB011
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Relevant theories, principles and philosophies are presented and analysed as a basis for developing appropriate teaching strategies for a quality arts program in the early years. Desired outcomes will be achieved through descriptive, interpretive, analytic and expressive processes and shared knowledge between students and staff.

EAB013 Early Childhood Society Environment and Health Education

Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit promotes a broad view of science. However, that includes the social sciences, health and environmental perspectives. Appropriate curriculum approaches that support a broader, more integrated view of science is a key goal. Through this unit, students should achieve the following: develop a deepening of their own understandings of concepts pertinent to science, studies of society and environment, and health; learn to critique and broaden their views of science; understand a range of appropriate inquiry-based approaches relevant to these areas; learn to apply these approaches to facilitate young children's learning in the sciences.

EAB015 Early Childhood Science and Technology Education

Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (INT)

It is essential that children are provided with opportunities to develop their abilities and interests by using a variety of learning modes and that children have opportunities to develop concepts that are foundational to understanding in mathematics, and which form the basis of learning in all curriculum areas. Students require understanding of how children apply active inquiry processes to tasks designed to further concept development in mathematics. This unit will engage them in learning about foundational concepts in mathematics and exploring ways in which teachers can develop appropriate learning opportunities to encourage and foster their development.

Units

EAB016 Research in Early Childhood Education

Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit aims to foster critical understanding of research with young children. The unit will provide opportunities for students to become lifelong learners and effective communicators.

EAB017 The Early Childhood Professional

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 6TP4 (INT, EXT)

This unit involves students in drawing together and analysing information from a variety of disciplines and historical perspectives with a view to developing an understanding and knowledge that will provide them with a basis for creating and evaluating an integrated curriculum in early childhood settings.

EAB022 Early Childhood Science Education

Credit Points	12
Campus	null

This unit examines the importance of developing children's creativity, curiosity, problems solving skills and sense of wonder and appreciation of the environment, in the exploration of science. The unit focuses on the different approaches to teaching science and the development of positive attitudes for life long learning while taking into account children's cultural and diverse backgrounds.

EAB023 Mathematical Explorations in Early Childhood

Credit Points	12
Campus	null

Mathematics is considered to be an essential learning area in the early childhood curriculum, as preparation for life, work and critical participation in society. Mathematics can also provide personal enjoyment.

EAB026 Early Childhood Community Arts Project

Pre-requisites	EAB012
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit has a focus on pedagogies, planning and assessment within the curriculum organisers of the New Basics, the Preschool Curriculum Guidelines and the key learning areas. It aims to increase knowledge and understanding of how curriculum organisers and outcomes can be used to plan intellectually challenging curricula for young children.

EAB028 Early Childhood Mathematics Education 2: Four to 8 Years

Pre-requisites	EAB027
Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT); 2014 6TP4 (INT)

Children's successful participation in mathematical contexts is mediated by the effectiveness of a teacher's pedagogical practice, understandings of how learners learn, and knowledge and understanding of mathematics. This unit aims to develop an understanding of the pedagogical practices which inform the teaching and learning of mathematics in early childhood contexts, in particular, a sound understanding of the knowledge, skills and processes required to support learners in the early years of schooling.

EAB130 Negotiating Curriculum with Young Children

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

This unit provides a sound understanding of the key concepts which underpin early childhood education, in relation to childcare, preschool, prep and lower primary settings. Students begin to learn along with a community of learners, and make links between research, theory and practice, each informing the other.

EAB361 Storytelling In Early Childhood

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

A major consideration for the teacher of early childhood is to provide children with rich experiences of 'storying'. This unit introduces students 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.

EAB363 Creating Curriculum with Young Children

Credit Points	12
Campus	null

The concept of curriculum in early childhood education evokes much discussion and debate. In this unit, more encompassing concepts of curriculum for young children will be considered in the light of theories and research that suggest that children construct their own knowledge. Ways in which teachers and children can work together in creating a curriculum that is meaningful to children while meeting the expectations of parents and society in relation to child care, kindergarten/preschool and lower primary settings are considered. Practical strategies for setting up supportive learning environments and methods for evaluating teaching and learning are included.

EAB422 Information and Communication Technologies and the Young Child

Credit Points	12
Campus	null

This unit includes the following: selection, use and critical evaluation of computers and associated software, and related technologies in early childhood programs, linking technology and problem-solving; applications and use of computers and associated software for language, number and problem-solving; creating teaching materials.

EAB510 Early Childhood English, Literacies and Language 1

Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

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 1) theories of literacies for current times; 2) children's literature; 3) language acquisition; 4) diversity, social justice and how language and texts work; and 5) English and literacy policy in EC and primary education contexts.

EAB511 Early childhood contemporary and comparative perspectives

Anti-requisites	EAB001
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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

Anti-requisites	EAB021
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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

Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 SEM-2 (EXT, INT)

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.

EAB530 Arts Curriculum Studies 1: Visual and Media Arts

Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

EAB532 Early Childhood Mathematics Education 1

Credit Points	12
Campus	Kelvin Grove, Caboolture and External
Teaching Periods	2014 SEM-1 (EXT, INT)

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 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

Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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 and Geometry and Statistics and Probability. This unit builds on concepts and understandings developed in Early Childhood Mathematics Education 1.

EAB536 Early Childhood Arts Curriculum Studies 2: Performing Arts

Pre-requisites	EAB530
Anti-requisites	eab012
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

EAB903 Foundation: Language Design and Theory

Equivalents	CLB004
Credit Points	12
Campus	null

This unit examines literacy from contemporary perspectives. Literacy education has tended to make an artificial divide between the printed word and visual information. Increasingly, contemporary literate practices combine multiple text forms employing a range of media and technologies to communicate. Texts are spoken, written, visual imagery and other symbolic forms, and are presented in multimedia combinations and digital interactive contexts. This unit examines the complex simultaneity of texts, delivery modes and media that have specific and more general, social and cultural meaning.

EAN601 Investigating Curriculum and Pedagogy in Early Childhood

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

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
Teaching Periods	2014 SEM-2 (INT, EXT)

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
Teaching Periods	2014 SEM-1 (EXT)

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
Teaching Periods	2014 SEM-2 (EXT)

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
Teaching Periods	2014 SEM-2 (INT, EXT)

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 fore grounded. 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.

EAN617 Functional Grammar for Reading and Writing

Equivalents	CLN654
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

This unit provides opportunities to investigate grammatical knowledge appropriate to a range of singular and multimodal text types and to (de)construct text according to that knowledge. Participants will explore their own multimodal text interests through advanced studies in grammar.

Units

EAN618 Literacy Development and Performance

Equivalents	CLN660
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

This unit provides: i) a comprehensive overview of different theoretical approaches to literacy and social conditions that are shaping literacy education; and ii) an opportunity to develop an analysis of and recommendations for improving literacy instruction in a selected context. The work undertaken in this unit can be linked with other ED79 Master of Education units providing advanced studies in grammar, reading and writing difficulties, and literacy for second language learners.

EAP400 Early Years: Literacies

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT)

In this unit you will examine literacy from critical contemporary perspectives - as a repertoire of contextualised social practices. You will gain insight into different pathways children take to literacy as their learning and development is shaped in family, community and school contexts. A key focus is on helping you to understand early reading and writing processes in the print medium, as well as multimedia. You will learn to use the framework of four literacy practices: code-breaker, text- participant, text-user and text-analyst to explore operational, cultural and critical dimensions of literacy. You will build a repertoire of strategies that will allow you to meet the needs of diverse learners and create instructional events that connect with the experi

EAP401 Early Years: Mathematical Understandings

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT)

This unit aims to develop concepts that are foundational to understandings in early childhood Mathematics, and to generally enhance your understandings, attitudes, values, and skills in relation to early childhood Mathematics. You will investigate teaching approaches, and key sequences for developing concepts and skills for various aspects of Mathematics education.

EAP402 Early Years: Arts and Humanities

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (INT, EXT)

This unit aims to develop students' capacities as scholars, educators and researchers, through adopting a problem-finding, problem-solving and inquiry-based approach to learning. Through engaging in their own inquiry-based investigation of a social/ environmental issue, students learn how the arts can be used as a learning and teaching tool. Students will investigate Indigenous studies and SOSE through descriptive, interpretive, analytic and expressive processes, to share and create knowledge with students and staff.

EAP403 Early Years: Science and Technology Education

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (INT, EXT)

This unit aims to extend your prior understanding of science and technology education, and to enhance their understandings, dispositions and skills in relation to early childhood science and technology education. It also aims to augment students' understandings of teaching strategies, planning and evaluation for diverse groups of young children in a variety of school and centre settings.

EAP404 Primary Arts/LOTE: P-7

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Through music, movement/dance, media, imaginative play, story and drama, children are provided with ways to understand, appreciate and respond to their worlds, as they develop visual, aural, bodily-kinaesthetic and aesthetic literacies. 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 EAB011, with further analysis of the importance of the arts in the education of young children.

EAP405 Early Years: Development, Diversity and Inclusion

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (EXT)

An understanding of inclusive educational principles and practices is important if early years teachers are to address the participation rights of all children. This requires you to engage with the literature evidence-base on inclusive approaches in early education, and to deepen your understanding of the diverse characteristics and backgrounds of young children. Inclusive education of young children incorporates the development of effective educational partnerships with families and other professionals to support children's learning, development, and well-being.

EAZ021 Early Childhood Environment, Health, Nutrition and Wellness Education

Credit Points	12
Campus	PNG Education Institute
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to provide you with the knowledge and skills necessary to work with children and other adults, including parents, to provide health promoting and sustainable environments.

EAZ351 Family Studies and Early Childhood Education

Credit Points	12
Campus	PNG Education Institute
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to engage you in learning experiences to develop a sound understanding and empathetic approach to the varied family contexts which children experience.

EAZ534 Curriculum in Early Childhood 1

Credit Points	12
Campus	PNG Education Institute
Teaching Periods	2014 SEM-2 (INT)

This unit enables early childhood professionals to draw on a range of knowledges in designing and evaluating learning and teaching opportunities in the arts and sciences in early childhood.

EAZ535 Curriculum in Early Childhood 2

Credit Points	12
Campus	PNG Education Institute
Teaching Periods	2014 SEM-2 (INT)

This unit enables early childhood professionals to develop a repertoire of knowledge and skills in curriculum decision-making and pedagogy in early childhood settings.

EDB002 Teaching and Learning Studies 2: Development and Learning

Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit has the dual purposes of promoting your own personal and professional development as life long, creative, autonomous learners, capable of reflection and high level thinking, and of enabling you, as educators, to promote similar development in your learners. Pursuit of these aims will involve an exploration of human development, from personal and interpersonal perspectives, with sensitivity to socio-cultural contexts, and with a particular focus on the theory, research and practice which informs educators about how learners construct knowledge and become creative, self-motivated thinkers and problem solvers.

EDB003 Teaching and Learning Studies 3: Practising Education

Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

Education is a social and cultural activity. This unit provides a sociological and cultural studies framework that provides an insightful explanation of how education in its various sites is constructed and organised. The unit includes a socio-cultural analysis of an educational site which will be undertaken in

conjunction with the Field Studies unit.

EDB004 Teaching and Learning Studies 4: Inclusive Education

Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This unit aims to develop students' understanding and appreciation of the contributions that diversity, belonging and trust make towards a quality learning environment for all learners. Students will learn to engage in teaching a broad range of students in diverse and inclusive ways utilising pedagogies and curriculum practices that enhance learning for all students and generate inclusive cultures within the school and classroom settings. Desired outcomes are achieved through descriptive, interpretative, analytic and expressive processes to share learning with fellow students and staff.

EDB005 Teaching and Learning Studies 5: Professional Work of Teachers

Pre-requisites	EDB033, EDB023, or EDB013
Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 6TP4 (INT, EXT)

Students will share the responsibility for shaping their beginning career learnings through a process of professional induction with a number of key significant stakeholders. The process will be proactive, collaborative and self determined and students will need to become professionally responsible for developing a professional development program that best accommodates their needs at the close of the teacher education program.

EDB006 Learning Networks

Anti-requisites	CLB341, MDB385
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit explores the concept of learning networks: interacting social and technical systems that lead to collective sense-making and knowledge construction. Topics include the nature and use of Information and Communication Technologies (ICTs), learning theories and technologies and socio-technical practices in learning networks.

EDB007 Culture Studies: Indigenous Education

Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT); 2014 6TP4 (EXT)

Numerous government reports and recent discussions about reconciliation have called for an increased commitment to Indigenous education in Australia. Teachers are increasingly being asked to improve their skill, knowledge and understanding to teach Indigenous students, and to teach curricula which incorporates Indigenous viewpoints on social, cultural and historical matters. This unit begins with an analysis of the students' own cultural place in the Australian context and afterwards moves towards an understanding of Aboriginal and Torres Strait Islander perspectives on history and contemporary issues, and an understanding of why Aboriginal and Torres Strait Islander students have been so disadvantaged by the Australian education system.

EDB011 Early Childhood Field Studies 1: Development and Learning in the Field

Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

Designated Unit. This unit focuses on students' professional development as an educator, and reinforces the twin themes of teacher as researcher, and teacher as reflective practitioner. It provides the first set of teaching experiences, in a graduated sequence over the course of the BEd. Students develop the ability to plan, implement and evaluate effective teaching/learning programs in a wide range of settings for children aged from birth to eight years. In this unit of the professional practices strand, students will have opportunities to undertake activities designed to help them refine an increasing number of strategies for teaching and working collaboratively with children and their parents, and with other professional colleagues.

EDB012 Early Childhood Field Studies 2: Practising Education in the Field

Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (INT, EXT)

Designated Unit This unit focuses on students' professional development as an educator, and reinforces the twin themes of teacher as researcher, and teacher as reflective practitioner. It provides the second set of teaching experiences, in a graduated sequence over the course of the BEd. In this second unit of the professional practices strand, students will focus upon program planning and implementation in settings for children in lower primary. Students will focus upon teaching in lower primary school classrooms, with an emphasis upon the development of knowledge of relevant policies and resources in curriculum provision. An emphasis will be maintained on understanding Early Childhood approaches to curriculum. Not available to Visiting students.

EDB013 Early Childhood Field Studies 3: Diversity and Inclusivity

Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Designated Unit The aim in this unit is to develop professional support relationships that early childhood practitioners must provide for all children and their families, and an awareness of the need for the teacher to work as a member of the community and as a partner with parents and other colleagues. Not available to visiting students.

EDB014 Early Childhood Field Studies 4: Professional Work of Teachers - Induction into the Field

Pre-requisites	EDB011, EDB012 and EDB013
Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

Designated Unit This final early childhood practice unit is designed to provide a means of transition from the role of the tertiary student to that of a professional early childhood practitioner who is able to work across diverse settings. Students are encouraged to engage in reflection about their professional development and their future career paths and options. Not available to Visiting students.

EDB015 Internship (Early Childhood)

Pre-requisites	EDB014 (Can be enrolled in same teaching period)
Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

Designated Unit This unit aims to induct students into the professional work of teachers. The aim is for students to apply the knowledge, skills and understandings of teaching and learning that they have acquired throughout the course in an extended time in the workplace. Not available to Visiting students.

EDB021 Primary Field Studies 1: Development and Learning in the Field

Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Designated Unit. This unit focuses on students' professional development as an educator, and reinforces the twin themes of teacher as researcher, and teacher as reflective practitioner. It provides the first set of teaching experiences, in a graduated sequence over the course of the BEd. Students develop the ability to plan, implement and evaluate effective teaching/learning programs. This requires an understanding of learner needs, curriculum knowledge, procedures for creating supportive classroom environments, and sensitivity to socio-cultural contexts.

EDB022 Primary Field Studies 2: Practising Education in the Field

Pre-requisites	EDB021and (CLB006 or CRB005) and (MDB002 or CRB933)
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2014 SUM-2 (INT); 2014 SEM-2 (INT)

Designated Unit Through critical examination of the socio-cultural dimensions of these sites, this unit aims to utilise aspects of social enquiry to analyse the practice of teaching as a social and cultural activity. At the same time, the unit aims to develop students' pedagogical and curriculum skills as a teacher. Not available to Visiting students.

EDB023 Primary Field Studies 3: Inclusive Educational Practices

Pre-requisites	EDB022
Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (EXT)

Designated Unit. As a final year teacher education student you will actively engage with the challenges and practices of inclusive education in the classroom and the broader educational setting. This field experience is designed for students to engage in teaching, learning and assessment practices in their field, interacting with individual students, small groups of students and whole class situations. Students will be required to design, implement and evaluate differentiated teaching strategies, programs and assessment tasks in inclusive and critically reflective ways and in a manner that is responsive to the diverse nature of the students in classes. Not available to Visiting students.

EDB024 Primary Field Studies 4: Professional Work of Teachers - Induction into the Field

Pre-requisites	EDB023 and EDB004
Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT); 2014 5TP2 (EXT, INT)

Designated Unit. Learners remain central to the work of teams and must be recognised as culturally and socially diverse as well as intellectually diverse. Within these constructs the graduating teachers are required to provide a range of educational opportunities that facilitate high quality and meaningful learning engagement for all students across differing educational contexts and sectors. This unit is designed to fully immerse the pre-service teacher into the field with a view to scaffolding their repositioning as autonomous, critically reflective, inclusive professional teachers on completion. Not available to Visiting students.

EDB025 Internship (Primary)

Pre-requisites	EDB024 (Can be enrolled in same teaching period)
Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT); 2014 5TP3 (INT, EXT)

Designated Unit. This unit aims to induct you into the professional work of teachers. The aim of this unit is for you to apply the knowledge, skills and understandings of teaching and learning that you have acquired throughout the course in an extended time in the workplace. Not available to Visiting students.

EDB031 Secondary Field Studies 1

Pre-requisites	HMB231 or XNB291 or HMB292 or CLB018 or CRB909 or CLB036 or LCB903 or CLB021 or LCB339 or CLB051 or CRB920 or CLB054 or CRB924 or MDB015 or MDB021 or CRB923 or MDB031 or CRB930 or PUB343 or XNB191. Pre-req can be enrolled in the same TP as EDB031
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Designated Unit. This unit focuses on the students' professional development as an educator, and reinforces the twin themes of teacher as researcher, and teacher as reflective practitioner. It provides the first set of teaching experiences, in a graduated sequence over the course of the BEd. Students develop the ability to plan, implement and evaluate effective teaching/learning programs. This requires an understanding of learner needs, curriculum knowledge, procedures for creating supportive classroom environments, and sensitivity to socio-cultural contexts. Please note in Semester 2 this unit is ONLY available to students who have previously failed the unit and have received approval from the faculty to be enrolled in the alternate offering. This unit is not available to Visiting or Cross-Institutional students.

EDB032 Secondary Field Studies 2

Pre-requisites	EDB031 and a Curriculum Studies 2 unit. The CS2 unit can be enrolled in the same teaching period as EDB032
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Designated Unit Through critical examination of the socio-cultural dimensions of these sites, this unit aims to utilise aspects of social enquiry to analyse the practice of teaching as a social and cultural activity. At the same time, the unit aims to develop students' pedagogical and curriculum skills as a teachers. Not available to Visiting students.

EDB033 Secondary Field Studies 3

Pre-requisites	EDB032 and Curriculum Studies 3 unit. The CS3 unit can be enrolled in the same teaching period as EDB033
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT)

Designated Unit. Students will be required to design, implement and evaluate differentiated teaching strategies, programs and assessment tasks in inclusive and critically reflective ways and in a manner that is responsive to the diverse nature of the students in your classes. Students will be required to argue that their orientations to curriculum, teaching and assessment reflect practices that offer all students access to quality learning experiences. Not available to Visiting students.

EDB034 Secondary Field Studies 4

Pre-requisites	EDB033
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT); 2014 5TP2 (INT)

Designated Unit. This unit is designed to fully immerse the pre-service teacher into the field with a view to scaffolding their repositioning as an autonomous, critically reflective, inclusive professional teacher on completion. Not available to Visiting students

EDB035 Internship (Secondary)

Pre-requisites	EDB034 (Can be enrolled in same teaching period)
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT); 2014 5TP3 (INT)

Designated Unit. This unit aims to induct students into the professional work of teachers. The aim of this unit is to apply the knowledge, skills and understandings of teaching and learning that students have acquired throughout the course in an extended time in the workplace. Not available to Visiting students.

EDB036 Introduction To Education

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit is early in the course to introduce foundational theories and practices in the design of curriculum, pedagogy and assessment that you will then build on throughout the remainder of your course.

EDB037 Introduction To Educational Sites

Pre-requisites	EDB036
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Effective teachers have a deep knowledge and understanding of educational sites and of how they operate. The role of this unit is to introduce you to the diversity of schooling contexts and to assist in preparing you to work flexibly and cooperatively within and across educational settings. Through the processes of critical observation and reflection, this unit requires you to make links between current educational thought and practice.

EDB038 Indigenous Australian Culture Studies

Credit Points	12
Campus	null

This unit encourages an appreciation of the two distinct indigenous cultures of Australia and how external forces to Aboriginal and Torres Strait Islander cultures caused social, economic and political

changes. It looks at traditional family life and organisation.

EDB039 Indigenous Politics and Political Culture

Credit Points	12
Campus	null

This unit examines issues and influences underlying the world of indigenous politics: political representation; land rights; health; education; community development; criminal justice; culture and heritage. This unit has an Australian focus with New Zealand and North American comparisons.

EDB040 Indigenous Knowledge: Research Ethics and Protocols

Credit Points	12
Campus	null

This unit provides students with a critical examination of the major ethical and moral issues arising from the designing and conducting of research 'on/in' Australian Indigenous people/communities or issues. The unit examines the calls by Indigenous researchers for the decolonising of research methods - a process which critically examines the historical and philosophical bases of Western research and the frustrations of Indigenous researchers with various Western paradigms, academic traditions and methodologies.

EDB041 Indigenous Australia: Country, Kin and Culture

Anti-requisites	SWB109
Credit Points	12
Campus	null

This unit aims to expand understanding of issues of importance to Indigenous people and to relate those issues to the practices in human service agencies. The Oodgeroo staff and leaders from the Indigenous community will work with staff from Social Work and Human Services in presenting this unit.

EDB042 Indigenous Education 1

Anti-requisites	SWB109
Credit Points	12
Campus	null

-

EDB043 Indigenous Education 2

Anti-requisites	SWB109
Credit Points	12
Campus	null

-

EDB112 ICT in Early Childhood and Primary Education

Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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 and Caboolture
Teaching Periods	2014 SEM-2 (INT)

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 field placement (weeks 9 and 11) in a kindergarten setting.

EDB121 Early Childhood Learning and Development 2

Pre-requisites	EDB120
Credit Points	12
Campus	Caboolture, Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

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. This unit incorporates a 15 day block field placement in a child care setting with children aged 0-2 years, and 2 days (equiv) lead up at the same site. For students on the Advanced Standing pathway incorporating acknowledgement of approved work experience (RPL), the field experience placement will be a 10 day block in a kindergarten setting with two days (equiv) lead in.

EDB140 Teaching Strategies and Planning

Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2014 SEM-2 (INT)

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 field experience in a primary school setting. Field experience is central to your preparation for the profession, and all units that contain a field 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 field 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.

EDB171 Culture Studies 1: Indigenous Education

Pre-requisites	EDB120 or EDB170
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit focuses on the impact of culture and cultural identity and its impact on Aboriginal and Torres Strait Islander education. It involves theoretical understandings around cultural standpoint as well as planning for teaching Aboriginal and Torres Strait knowledge in an educational context. The unit develops your professional knowledge, skills and practice, and includes field experience. Field experience is crucial to your preparation for the professional, and all units that contain a field experience 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.

EDB172 Education and Society 2

Pre-requisites	EDB171 or EDB150
Credit Points	12
Campus	null

This unit focuses on the links between education, culture and society. This unit uses socio-cultural theory previously introduced in Education and Society 1 to better understand and engage with students from diverse backgrounds and has a practical and professional emphasis in that it links Field 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. Field experience is crucial to your preparation for the profession, and all units that contain a field experience 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.

EDB200 Insights into Early Childhood Development

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

The unit aims to develop knowledge and understanding of early childhood development with a focus on children's thinking and communicating in a social context.

Units

EDB410 Introduction To Research Methods

Other requisites	Entry to the Research Pathway is by invitation from the Research Pathway Coordinator. Students are required to have a GPA of 5.5 or above.
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit provides a foundation for understanding research design and methods in education. It focuses on reading, understanding and evaluating educational research both within and across different paradigms and on enabling students to develop their own plan for a small-scale research project. It includes the development of skills in understanding, appreciating, and using the processes and techniques of research. Students are made aware of the variety of research cultures and theoretical perspectives, to become informed consumers of the research findings of others.

EDB411 Dissertation (Stage 1)

Pre-requisites	EDB410 (can be enrolled in the same teaching period)
Other requisites	Entry to the Research Pathway is by invitation from the Research Pathway Coordinator. Students are required to have a GPA of 5.5 or above.
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit provides you with opportunities to develop research skills that are increasingly important for teachers in an era when schools, professional associations and other educational settings are becoming important sites of knowledge production.

EDB411 Dissertation (Stage 3)

Other requisites	Entry to the Research Pathway is by invitation from the Research Pathway Coordinator. Students are required to have a GPA of 5.5 or above.
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit provides you with opportunities to develop research skills that are increasingly important for teachers in an era when schools, professional associations and other educational settings are becoming important sites of knowledge production.

EDB411 Dissertation (Stage 2)

Pre-requisites	EDB410 (can be enrolled in the same teaching period)
Other requisites	Entry to the Research Pathway is by invitation from the Research Pathway Coordinator. Students are required to have a GPA of 5.5 or above.
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit provides you with opportunities to develop research skills that are increasingly important for teachers in an era when schools, professional associations and other educational settings are becoming important sites of knowledge production.

EDB440 Independent Study

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (EXT, INT); 2014 SUM (EXT, INT)

This unit involves self-initiated and self-directed academic study in an area of educational management interest that allows study either to a depth not possible in electives, or in an area not covered by the course.

EDN602 Advanced Seminars

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (BLK, EXT, INT); 2014 SUM (BLK, EXT, INT)

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 Facilitated Study Unit

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (INT, EXT)

The unit aims to enhance capacities for flexibility and innovation in educational practice as a result of an in-depth investigation of a problem of professional relevance.

EDN604 Facilitated Study Unit

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (INT, EXT)

See EDN604-1.

EDN604 Facilitated Study Unit

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

The unit aims to enhance capacities for flexibility and innovation in educational practice as a result of an in-depth investigation of a problem of professional relevance. The unit engages students in a comprehensive examination of relevant theory, research, policy, and/or practice in the area of investigation.

EDN610 Professional Dialogues in Education

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

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
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

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

Pre-requisites	EDN611
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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 students in a comprehensive examination of relevant research theory and practical application.

EDN619 Educational Research: Design, Methodology and Analysis

Pre-requisites	EDN611
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

In this unit, the dynamic interplay between educational theory and research will be emphasised with the intent of developing your skills and knowledge required by consumers and practitioners of educational research.

EDN631 Supervised Practicum 1

Pre-requisites	(PYN601 or LCN625 or SPN640) and (LCN626 or SPN641). These units can be studied in the same teaching period as EDN631
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The aim is to provide students with a basic level of professional knowledge and akills in the practice of educational and development psychology and an awareness of ethical guidelines. Students will also develop a high standard of professional conduct through supervised practice.

EDN632 Supervised Practicum 2

Pre-requisites	EDN631 and (LCN625 or SPN640) and (LCN626 or SPN641) and (LCN627 or SPN642) and PYN601. LCN627 and PYN601 can be studied in the same teaching period as EDN632
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This units aims to provide students with supervised experience in applying diagnostic, assessment and intervention skills in educational settings. This unit will also develop students' written and oral communication skills and provide them with practice in using this skills to communicate results of assessments and recommendations for interventions to school staff, parents and other stakeholders.

EDN633 Supervised Practicum 3

Pre-requisites	EDN632
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The unit provides students with supervised experience in applying their diagnostic, assessment and intervention skills within non-educational settings. It will further develop their written and oral communication skills, and provide them with practice in using these skills to communicate results of assessments and intervention strategies within teams from non-educational settings.

EDN634 Supervised Practicum 4

Pre-requisites	EDN633
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit aims to provide students with support in ensuring that they have attained the level of knowledge and skill required to meet the competencies of the Psychologists Board of Queensland.

EDN635 Field Studies in Early Childhood

Pre-requisites	EAN601
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (EXT)

In this unit, students are required to draw on professional knowledge and experience in making child observations and in planning, implementing and evaluating learning experiences for children.

EDN641 Field Studies in Early Childhood: Birth To 5 Years

Pre-requisites	EAN601
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (EXT)

The aim of this unit is enable you to draw upon your professional knowledge and experience in making child observations and in planning, implementing and evaluating learning experiences for children.

EDP415 Engaging Diverse Learners

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT)

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	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

This Education Studies unit builds your professional and ethical capacity as an Early, Middle or Senior Phase Educator 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.

EDP421 Early Years Field Studies 1: Engaging Diverse Learners

Pre-requisites	EAP400. EAP400 can be studied in the same teaching period as EDP421
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT)

Designated Unit. Inclusive philosophies and pedagogies are fundamental for schools and educators who seek to provide rich educational experiences for all learners in the early years of schooling. Teachers must be able to identify and reduce barriers to learning and maximize educational outcomes in response to the needs and interests of all students. This unit provides students with the opportunity to investigate and develop their ability to identify a range of social, cultural and political issues which may create barriers to learning. It also engages students with various pedagogical responses that may provide inclusive educational experiences for students in the early years.(22 days Field Studies).

EDP422 Early Years Field Studies 2: The Professional Practice of Educators

Pre-requisites	EDP421
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (INT, EXT)

Designated Unit. This unit prepares you for your work as a beginning teacher, on completion of this course. It provides you with the opportunity to identify and discuss professional issues for beginning teachers in the early years. It aims to develop strong links between research, theory and practice by emphasising inquiry- and evidence-based approaches to teaching and learning in early childhood settings and professional development for teachers. (33 days Field Studies).

EDP431 Middle Years Field Studies 1: Engaging Diverse Learners

Pre-requisites	MDP452 or CRP421. CRP421 can be enrolled in the same teaching period.
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (EXT)

Designated Unit. This 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 Field Studies)

EDP432 Middle Years Field Studies 2: The Professional Practice of Educators

Pre-requisites	EDP431 and (CRP400 or CLP400). CRP400 can be enrolled in the same teaching period.
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (EXT)

Designated Unit. This unit identifies, discusses and applies the professional issues and responsibilities the beginning teacher needs to be aware of. The students' ability to identify the crucial professional issues for them personally will be enhanced. Students will not only engage with the challenges of addressing social, cultural, political and legislative issues to provide quality inclusive educational experiences for all learners but also identify a professional development program that best accommodates their needs as a beginning teacher. (33 days Field Studies). Not available to Visiting students.

EDP441 Senior Years Field Studies 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	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

Designated Unit. This field studies 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 Field Studies). Not available to Visiting students.

EDP442 Senior Years Field Studies 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
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

Designated Unit. This Field Studies 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 field study placement you will move towards becoming a beginning teacher, managing learning environments that are educationally productive, alert to student diversity and the legislative context, as well as mindful of the need for ongoing career enrichment and planning. (33 days Field Studies). Not available to Visiting students.

EDP452 Reflective Practitioners 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Designated unit. This is the first field studies unit in the primary stream of the graduate pre-service teacher education program. It provides you with your first supervised professional experience in teaching. Through a combination of university-based professional learning and school-based supervised field experience, the unit provides the opportunity for you to develop the professional capacity to plan, implement and evaluate effective and inclusive teaching/learning programs. The unit closely articulates with your first Education Studies unit, SPP402 Primary Educational Perspectives, and with your first Curriculum Studies units. (25 days Field Studies).

EDP453 Reflective Practitioners 2

Pre-requisites	EDP452
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit will build on your emerging understanding of classroom management and investigates a range of classroom management approaches appropriate for middle years contexts and scaffold the development your own individualised approach to classroom management. This unit also continues your professional development in designing, implementing and assessing appropriate middle years learning experiences. As such, this field studies unit continues the process of your induction into the education profession. (33 days total field studies)

EDR703 Interdisciplinary in Education Studies (Advanced Seminars)

Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (BLK)

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.

EDZ013 Teaching Practice

Credit Points	48
Campus	Institute Perguruan Ilmu Khas
Teaching Periods	2014 SEM-2 (INT)

During the second semester of Year 4, you will carry out an extended period of practice teaching for a twelve week period in a Malaysian School. The Practice will focus on the teaching of English; however, you may be requested/given the opportunity to teach a second subject. During this extended field experience you will have the opportunity to develop the reflective dimension of your practice through the experience of implementing a small-scale research project.

EFB201 Financial Markets

Pre-requisites	BSB113 or CTB113
Equivalents	EFX201
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit introduces students to the institutional structure of global financial markets, and thereby complements the understanding of theoretical finance gained in either BSB122 or 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
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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 Quantitative Methods For Economics and Finance

Pre-requisites	BSB122 or BSB123 or MAB101 or MAB233 or MXB107
Anti-requisites	EFB101
Equivalents	EFX222
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Equivalents	EFB102, EFX223
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

In this unit economic concepts and theories at the introductory level will be used to forensically and critically investigate current social and public issues of

interest. These issues relate to consumer choice, business procing strategies, education, inequality, unemployment and poverty, population policy, tax reform, economic growth, the environment and globalisation.

EFB226 Environmental Economics and Policy

Pre-requisites	BSB113
Equivalents	EFB334,EFX334,EFX226
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

In this unit students analyse the way international operations and performance of business 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 and competition policy changes; country risk assessment and managing country risk exposure.

EFB307 Finance 2

Pre-requisites	EFB210
Equivalents	EFX307
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit includes the following topics: the financing decision - capital structure, debt versus equity, lease versus debt, term structure versus default structure of interest rates; the dividend decision - dividends versus capital gains, franked versus unfranked income; firm valuation; free cash flow model; evaluation of takeovers; Risk and Return - diversification, the CAPM model, its practical application and its relationship to efficient market hypothesis; introduction to forwards, futures, options, warrants, convertibles and risk management using financial derivatives.

EFB308 Empirical Finance

Pre-requisites	EFB307
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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	EFB307
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit extends students' knowledge of financial derivatives as obtained in Finance 2. Topics include: advanced option pricing models; advanced option trading strategies; exotic options; forward and futures pricing models; hedging commodities and equities by using futures; forward rate agreement and interest rate swaps; financial risk management issues.

EFB310 Financial Institutions - Control

Pre-requisites	EFB210
Credit Points	12
Campus	null

This unit introduces students to the fundamental principles of controlling the risk profile and capital position of a deposit-taking financial institution to maintain solvency. The basic framework of the unit is based on the regulatory capital adequacy regimes, supplemented by consideration of the more sophisticated internal models of risk developed by financial institutions themselves. Relevant case studies demonstrate the imperative for, and application of, the risk management framework.

EFB311 Financial Institutions - Lending

Pre-requisites	EFB201
Credit Points	12
Campus	null

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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; evaluation of offshore investment.

EFB326 Applied Portfolio Management

Pre-requisites	EFB210
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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. Students must make decisions 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.

EFB330 Intermediate Macroeconomics

Pre-requisites	EFB223 or EFB102
Equivalents	EFB202, EFX330
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit develops an analytical framework which can be used to understand and evaluate the macroeconomic performance of the Australian economy. It also provides extensive discussion of the monetary and fiscal policy approaches that are taken to maintain a sustainable economy with low inflation and low unemployment. Key issues addressed include unemployment, inflation, economic growth, saving and the balance of payments.

EFB331 Intermediate Microeconomics

Pre-requisites	EFB223 or EFB102
Equivalents	EFB211, EFX331
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit is designed to develop students' understanding of microeconomics and its applications at the intermediate level. More specifically, 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. Furthermore, the unit provides an appreciation of the range of issues to which economics may usefully be applied to improve managerial decision-making and the formulation of public policy to improve the welfare of the community.

EFB332 Applied Behavioural Economics

Pre-requisites	EFB222 or EFB331 or EFB337
Equivalents	EFX332
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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 Introductory Econometrics

Pre-requisites	EFB222 or EFB101
Anti-requisites	EFB200
Equivalents	EFX333
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Economics and finance graduates require some knowledge of econometrics to assist them in the application and testing of behavioural models and to provide quantitative forecasts for informed decision making. This unit aims to provide an introduction to a range of econometric techniques appropriate for students studying economics and finance. The unit will provide an understanding of some core underlying theoretical issues essential for competent econometric modelling and then introduce students to a set of techniques tailored specifically to the needs of economics and finance students.

EFB335 Investments

Pre-requisites	EFB201 and EFB210
Anti-requisites	EFB318
Equivalents	EFX335
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit advances the students' understanding of how investment decisions are made, what securities to invest in, how they fit in a portfolio, what is 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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

This unit presents the basic concepts of game theory and its application to 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, markets and competition.

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

-

EFB340 Finance Capstone

Pre-requisites	EFB307 and EFB335. EFB335 can be enrolled in the same teaching period as EFB340.
Equivalents	EFX340
Credit Points	12
Campus	null

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.

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.
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

The purpose of the unit is to provide undergraduate students with an opportunity to pursue an elective research topic.

EFB342 Workplace Experience in Economics and Finance

Other requisites	Subject to Unit Coordinator approval of an appropriate placement within industry; and GPA: 4.5 or above; and EFB307 or (EFB202 or EFB330 and EFB331 or EFB211)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit aims to expose students to an organisational setting in the fields of economics and finance whre 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, ambibuity/complexity of information, and their social and ethical issues in these fields.

EFB343 Corporate Finance

Pre-requisites	EFB210
Anti-requisites	EFB307
Equivalents	EFX343
Credit Points	12
Campus	Gardens Point

Teaching Periods	2014 SEM-2 (INT)

This unit develops the advanced 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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 Managerial Economics

Anti-requisites	GSN203, GSN411, GSN414, GSN491, GSN492, GSZ491
Equivalents	EFX405
Credit Points	12
Campus	null

This unit addresses the following topics: managerial decision making in an economic environment; an introduction to economics, demand analysis, cost analysis, market strategy and the macroeconomic environment; issues including problems of resource allocation at the firm, in industry and in the economy.

EFN406 Managerial Finance

Anti-requisites	GSN413, GSN423, GSZ413
Equivalents	EFX406
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT), 2014 SEM-2 (INT, EXT); 2014 SUM (INT, EXT)

This unit is an introduction to the world of finance and financial management. Topics include: the finance function, the role of the financial manager; the Australian financial environment; sources of funds; present and future value; time value of money; financial mathematics; introduction to valuation; cost of funds; the firm investment decision; investment evaluation techniques; capital budgeting; portfolio theory; risk and return; capital asset pricing model; dividend policy; financial structure policy; futures; options.

EFN408 Special Topic - Economics, Banking and Finance A

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

This unit provides the opportunity to study in detail, at a postgraduate level, specific current issues relating to economics, banking or finance. The nature of the unit varies from year to year depending upon contemporary issues and the interests of staff.

EFN410 Economic and Financial Modelling

Pre-requisites	EFN412
Anti-requisites	AYN419, EFN503
Equivalents	EFX410
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit introduces students to the modelling techniques which are frequently used in a business and financial environment. 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.

EFN412 Advanced Managerial Finance

Pre-requisites	EFN406
Equivalents	EFX412
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit expands on material introduced and developed in EFN406 Managerial Finance. Its objective is to examine the key decisions made by corporate financial managers (that is the investment, financing and dividend decisions). Topics include: the financing decision & capital structure, debt versus equity, lease versus debt, term structure versus default structure of interest rates; the dividend decision & dividends versus capital gains, franked versus unfranked income; firm valuation, free cash flow model; evaluation of takeovers; Risk and Return & diversification, the CAPM model, its practical application and its relationship to efficient market hypothesis; forwards, futures, options, warrants, convertibles and risk management using financial derivatives.

EFN414 International Finance

Pre-requisites	EFN406
Anti-requisites	EFN417
Equivalents	EFX414
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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	EFN412 and EFN426
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit deals with security analysis and portfolio management. The unit is both practical and theoretical. Topics covered include: portfolio theory and the capital asset pricing model; bond and equity portfolio management; fundamental valuation techniques; portfolio hedging; active vs. passive investment strategies; and the evaluation of portfolio performance. The ultimate purpose of this unit is to provide the necessary tools for students to manage investment risk and return, select mispriced securities, design and administer investment portfolios, accomplish goals in portfolio management, and measure the performance of investment management.

EFN416 Treasury and Portfolio Management

Pre-requisites	EFN406
Equivalents	EFX416
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 Introduction To Financial Management

Equivalents	EFX420
Credit Points	12
Campus	Gardens Point

Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit is a preliminary study of financial information and financial markets and it includes a number of techniques required for analysing financial information.

EFN421 Financial Planning and Strategies

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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	EFB101,EFN405,EFN419,GSN403, GSN411,GSN414,GSN491
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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 word situations.

EFN424 Equity Trading Floor

Pre-requisites	EFN405 and EFN406
Anti-requisites	EFB224
Equivalents	EFX424
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The aim of the unit is to help students move away from the dualistic black and white way of thinking, towards being able to see issues from a range of viewpoints and perspectives, thereby enhancing their critical and technical ability. Additionally, the unit aims to help improve the student research ability 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, jounals and newspapers.

EFN425 Financial Markets and Institutions

Anti-requisites	EFB201
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The unit provides the self directed independent learner with a 'hands on' applied experience. It introduces students to a set of theories and instruments from a domestiv and international environment with the requirement to assess the role of these instruments, institutions and regulations to gain a fuller understanding of how financial markets operate and the stresses that occur upon them. Students will consider key developments in the rapidly changing environment. Through critical thought they will study the role of financial theories and models so helping them understand, explain and address financial events. Areas of study will be Government Debt, Financial Institutions, Equity Markets, Debt Markets and FX.

EFN500 Contemporary Macroeconomic Theory

Other requisites	Unit Coordinator Approval and undergraduate degree with a major in Economics or Finance required to enrol
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit introduces students to the latest theoretical developments in the field of macroeconomics using both qualitative and quantitative approaches. It places these theories in their historical, philosophical and societal contexts. This unit looks at New Classical, New Keynesian and other theoretical approaches to a range of issues. These include: theories of expectation formation, supply side economics, labour markets, monetary theory, real business cycle theory and growth theory.

EFN501 Corporate and Commercial Lending

Pre-requisites	EFN412
Equivalents	EFX501
Credit Points	12
Campus	null

This unit covers the theory and practice of lending by commercial banks to firms. Topics include the nature of financial intermediation, basic loan structure, costs of lending, lender's compensation, and loan terms and conditions.

EFN502 Developments in Microeconomic Theories

Other requisites	Unit Coordinator Approval and undergraduate degree with a major in Economics or Finance required to enrol
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Equivalents	EFX505
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The unit covers the main areas of modern risk management. The focus is on measuring and managing risks in financial institutions. Particular attention is paid to developing understanding of the analytical techniques employed in the construction of hedging strategies and the interrelations between the main areas of risk management. The unit emphasises empirical applications and assessment of risk management techniques. Topics covered include the current state of prudential regulation of financial institutions, measurement and management of market risks, hedging strategies with derivatives and managing interest rate and exchange rate risks.

EFN507 Advanced Capital Budgeting

Pre-requisites	EFN406
Equivalents	EFX507
Credit Points	12
Campus	null

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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit provides a comprehensive grounding in the econometric methods necessary for conducting research using such methods. Recent contributions to the econometric literature are studied.

EFN509 Policy Economics and Evaluation

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 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
Teaching Periods	2014 SEM-1 (INT)

This unit provides an advanced coverage of the theory of finance, building on work done in the undergraduate course. 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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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 the theory of corporate finance. 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, mergers and acquisitions, and corporate governance.

EFX201 Financial Markets (Outbound Exchange)

Equivalents	EFB201
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX210 Finance 1 (Outbound Exchange)

Equivalents	EFB210
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX222 Quantitative Methods for Economics and Finance (Outbound Exchange)

Equivalents	EFB222
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX223 Economics 2 (Outbound Exchange)

Equivalents	EFB223
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX225 Economics for the Real World (Outbound Exchange)

Pre-requisites	BSB113
Equivalents	EFB225
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX226 Environmental Economics and Policy (Outbound Exchange)

Pre-requisites	BSB113
Equivalents	EFB226,EFB334,EFX334
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program. 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.

EFX240 Finance for International Business (Outbound Exchange)

Equivalents	EFB240
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX307 Finance 2 (Outbound Exchange)

Equivalents	EFB307
Credit Points	12
Campus	External
Teaching Periods	2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX308 Empirical Finance (Outbound Exchange)

Pre-requisites	EFB307
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

EFX312 International Finance (Outbound Exchange)

Equivalents	EFB312
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX330 Intermediate Macroeconomics (Outbound Exchange)

Equivalents	EFB330
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX331 Intermediate Microeconomics (Outbound Exchange)

Equivalents	EFB331
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to

students on an approved exchange program.

EFX332 Applied Behavioural Economics (Outbound Exchange)

Equivalents	EFB332
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX333 Introductory Econometrics (Outbound Exchange)

Equivalents	EFB333
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX334 Environmental Economics and Policy (Outbound Exchange)

Equivalents	EFB334
Credit Points	12
Campus	External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX335 Investments (Outbound Exchange)

Equivalents	EFB335
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX336 International Economics (Outbound Exchange)

Equivalents	EFB336
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX337 Game Theory and Applications (Outbound Exchange)

Equivalents	EFB337
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX338 Contemporary Application of Economic Theory (Outbound Exchange)

Equivalents	EFB338
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX340 Finance Capstone (Outbound Exchange)

Equivalents	EFB340
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX343 Corporate Finance (Outbound Exchange)

Pre-requisites	EFB210
Anti-requisites	EFB307
Equivalents	EFB343
Credit Points	12
Campus	External
Teaching Periods	2014 XCH-2 (EXT)

EFX344 Risk Management and Derivatives (Outbound Exchange)

Pre-requisites	EFB201 and EFB210
Equivalents	EFB344
Credit Points	12
Campus	External
Teaching Periods	2014 XCH-2 (EXT)

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	External
Teaching Periods	2014 XCH-2 (EXT)

EFX405 Managerial Economics (Outbound Exchange)

Equivalents	EFN405
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX406 Managerial Finance (Outbound Exchange)

Equivalents	EFN406
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX410 Economic and Financial Modelling (Outbound Exchange)

Pre-requisites	EFN412
Anti-requisites	AYN419,EFN503
Equivalents	EFN410
Credit Points	12
Campus	External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX412 Advanced Managerial Finance (Outbound Exchange)

Pre-requisites	EFN406
Equivalents	EFN412
Credit Points	12
Campus	External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX414 International Finance (Outbound Exchange)

Equivalents	EFN414
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX416 Treasury and Portfolio Management (Outbound Exchange)

Pre-requisites	EFN406
Equivalents	EFN416
Credit Points	12
Campus	External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX420 Introduction to Financial Management (Outbound Exchange)

Equivalents	EFN420
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX424 Equity Trading Floor (Outbound Exchange)

Anti-requisites	EFB224
Equivalents	EFN424
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

EFX501 Corporate and Commercial Lending (Outbound Exchange)

Pre-requisites	EFN412
Equivalents	EFN501
Credit Points	12
Campus	External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX505 Financial Risk Management (Outbound Exchange)

Pre-requisites	EFN415
Equivalents	EFN505
Credit Points	12
Campus	External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

EFX507 Advanced Capital Budgeting (Outbound Exchange)

Pre-requisites	EFN406 and EFN412
Equivalents	EFN507
Credit Points	12
Campus	External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

ENB100 Engineering and Sustainability

Equivalents	DEB100,UDB100
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit introduces you to the essential professional skills and practices of engineers in the context of sustainable development.

ENB110 Engineering Statics and Materials

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit introduces you to forces and moments between rigid bodies and to the properties of steel. This knowledge will help you to understand how major infrastructure systems (e.g. bridges, skyscrapers, roads, factories), mechanical systems (e.g. engines, turbines, pumps, vehicles), and electrical systems (e.g. power stations, transmission lines, motors) are designed and built. This unit is one of four first year units covering fundamental engineering principles that you will need in your profession.

ENB120 Electrical Energy and Measurements

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT); 2014 SUM (INT)

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.

ENB121 Aerodynamics

Equivalents	MMB251
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit includes the following: introductory concepts of fluid mechanics and thermodynamics; conservation of mass, energy and momentum, state properties of fluids, the standard atmosphere; dimensional analysis; experimental aerodynamics and aerodynamic coefficients; Reynolds number and Mach number effects; estimation aerodynamic forces and moments; fundamentals of aircraft performance; estimating range and endurance; take off and landing calculations; flight envelopes.

ENB130 Mechanical and Thermal Energy

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Engineers work with numerous kinds of systems where consideration must be given to the motion within, and associated energy of, the system. This unit introduces the student to the concepts of mechanical and thermal energy in the context of real engineering systems. The inter-relationships of between forces, motion and energy 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 in terms of convection, conduction and radiation heat transfer.

ENB150 Introducing Engineering Design

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit introduces you to engineering design. A multi-disciplinary approach is taken with an emphasis in engineering systems, technical design and project management.

ENB200 Introducing Engineering Systems

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit will enable you as a graduating Built Environment and Engineering professional to take active and positive steps to transform professional practice in ways that promote the sustainability of our planet, our economy and our society. As future professionals in the fields of Design, Urban Development and Engineering Systems, you will need to understand and apply the concepts of sustainability in your professional practice if we are to achieve sustainable development in the 21st Century.

ENB205 Electrical and Computer Engineering

Pre-requisites	ENB120 or ENB103
Credit Points	12
Campus	null

This unit introduces single and three phase power, electrical machines, principles of transformers, electronic circuits and sensors, filters, operational amplifier applications. It also covers computing fundamentals, programming in MATLAB and Excel using applications in electrical and computer engineering.

Units

ENB211 Dynamics

Pre-requisites	(MAB126 or MAB180 or MAB131 or MZB126) and (ENB130 or PCB136 or PCB150)
Equivalents	MMB112
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Fundamental equations of particle kinetics; energy, power, impulse and momentum; kinematics of rigid bodies in plane motion, relative motion and motion relative to rotating axes; kinetics of rigid bodies, Basic machine components, (Gears, clutches, brakes etc.), Single degree of freedom system.

ENB212 Strength of Materials

Pre-requisites	ENB110 or ENB101 and ENB104
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit introduces the analysis of stress and strain in simple engineering components and systems such as uniaxial and bending stresses, deflection of beams, torsion, thin walled structures, combined loading, yield criteria, and introduces the finite element method (FEA).

ENB215 Fundamentals of Mechanical Design

Equivalents	MMB281
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Basic procedures of design, design for sustainability, universal design, Concept development, creative problem solving, Basic component design, computational scheme in design, manufacture & materials.

ENB221 Fluid Mechanics

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

ENB222 Thermodynamics 1

Pre-requisites	ENB130 and (ENB221 or EN40MJR-PROCENG)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

ENB229 Mechatronics Project 1

Pre-requisites	ENB120, ENB130 and ENB150
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

ENB229 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.

ENB231 Materials and Manufacturing 1

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Materials and their engineering applications, Manufacturing systems and technology, material properties and manufacturing, material selection, failure, graphical communication.

ENB240 Introduction To Electronics

Pre-requisites	ENB103 or ENB120
Equivalents	EEB312
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Module Electronics A provides a basic understanding of the characteristics and operation of discrete semiconductor components. Electronic circuit design is introduced with emphasis on the small signal low and high frequency response of those circuits. Module Digital Electronics gives students a good grounding in the basic principles of digital design, with particular regard to the fundamentals of digital number systems, Boolean algebra, combinational and sequential logic design.

ENB241 Software Systems Design

Pre-requisites	ENB246 or INB104
Equivalents	EEB612
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The unit introduces students to Software Engineering by considering a whole Software Lifecycle. Each step of the lifecycle is treated in detail, such as concept phase, requirement definition, software design, human-computer interaction, implementation, audits, and maintenance. Software design principles and techniques are presented as well as real-time system design. CASE development tools are briefly introduced as well as object oriented programming for which a structured Object Oriented Analysis and Design are considered.

ENB242 Introduction To Telecommunications

Pre-requisites	(ENB120 or ENB103) and (MAB126 or MAB110 or MAB111 or MZB126)
Equivalents	EEB340
Credit Points	12
Campus	null

Telecommunications systems and the principles underlying their operations are introduced starting from mathematical preliminaries such as the Fourier series and the Fourier transform. Analogue modulation techniques (AM and FM), systems and circuits for generation and demodulation, analogue to digital conversion, pulse modulation and base-band digital data communication techniques are studied using time and frequency domain analyses.

ENB243 Linear Circuits and Systems

Pre-requisites	ENB120 and (MAB126 or MZB126)
Credit Points	12
Campus	null

Network analysis; Laplace transform of signals and transfer functions of systems, time and frequency responses of linear circuits, feedback configurations and transfer functions, analyse and designing analogue systems using transistors and operational amplifiers, designing and synthesising analogue filters, signal conditioning.

ENB244 Microprocessors and Digital Systems

Pre-requisites	ENB240
Credit Points	12
Campus	null

ENB244 is an introduction to microcontrollers and will cover topics from binary numbers, logic gates, and architectures, to assembly language and basic C programming. After this course you'll have a basic understanding of how computers work and you'll be able to develop programs for a microcontroller based computer system.

ENB245 Introduction To Design and Professional Practice

Equivalents	EEB584
Credit Points	12
Campus	null

Introduction to general principles of electronic circuit and electrical equipment design and realisation; design and implementation of basic electronic circuits; experience in undertaking engineering projects, in report writing, and working in teams. The unit gives students the opportunity to apply their theoretical knowledge to real-life engineering problems.

Units

ENB246 Engineering Problem Solving

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit introduces students to the use of computers as tools for solving engineering problems. MATLAB is introduced as a numerical computing environment with the capacity to support complex mathematics and to be programmed to solve specific engineering problems. Stand alone application development using C++ is introduced as a means of exposing students to the high and low level computer programming concepts that are necessary to the implementation of engineering solutions in hardware specific programming environments.

ENB250 Electrical Circuits

Pre-requisites	ENB120
Anti-requisites	ENB103
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit introduces you to electrical circuit analysis. It shows how to determine the transient and steady state solution in single and three phase circuits as well as the interaction of fluxes and currents in transformers and electrical machines.

ENB260 Operations Management and Process Economics

Pre-requisites	ENB150
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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 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. The unit will also cover communication and leadership in an operations management context.

ENB270 Engineering Mechanics of Materials

Pre-requisites	ENB101 or ENB110
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit introduces calculating the stress produced in various members of a structural system due to the forces applied to them, and how to determine the design specifications (size and shape) of the members to withstand the forces to prevent the structural system failing.

ENB272 Geotechnical Engineering 1

Equivalents	CEB209, CEB232
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Soil mechanics is a part of geotechnical engineering, soil types, their description, classification and engineering properties. The unit includes the following: granular and cohesive soil classification systems; volume and mass components; density and air voids; determination of soil geostatic vertical pressures; pore water pressures and effective stress; permeability theory and fluid seepage in soil, with erosion and piping analysis; soil shear strength assessment and application to retaining wall lateral pressures; retaining wall design; slope stability analysis and stabilisation. Computer simulation and analysis programs are used where appropriate.

ENB273 Civil Materials

Pre-requisites	ENB270 or ENB102. ENB270 can be studied concurrently.
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The unit provides students with a sound and practical approach to material properties and selection so that they may adapt to scientific and technological changes in the variety of products entering the market. They understand where the engineer fits in a quality assurance program and become aware of the numerous components of quality assurance and the costs generated by quality control and assurance. Students become aware of the effect of the working environment on different engineering materials. Among other things, they study the behaviour of concrete from the time it is manufactured to the end of its life, and develop knowledge of the parameters involved in manufacturing good concrete, and the consequences of delivering poor concrete.

ENB274 Design of Environmentally Sustainable Systems

Pre-requisites	BEB200 or ENB200 or ENB100 or UDB100 or SCB110
Equivalents	CEB214, UDB214
Credit Points	12
Campus	null

This unit will provide you with an understanding of the principles of site analysis, site investigation and planning 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 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.

ENB275 Project Engineering 1

Equivalents	CEB216
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The unit commences with the development of the construction techniques common to site investigation, earthworks, pile driving, deep foundations, reinforced and prestressed concrete and steel erection. This operational understanding is extended into a study of the practices used to estimate cost and to administer contracts, including planning and the legal implications of operating in a commercial environment. The unit concludes with the issues surrounding the uncertainty of weather and of operating in remote environs.

ENB276 Structural Engineering 1

Pre-requisites	ENB102 or ENB270
Equivalents	CEB215
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit includes the following: development of the method of moment distribution and its application in analysis of continuous beams and frames; theory of influence lines and its application to determine the effects of moving loads on beams and trusses; 'pattern loading' on frames and continuous beams; behaviour of reinforced concrete members; applications in the design of beams and columns.

ENB277 Construction Engineering Law

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

A study of the Workplace Health and Safety Act 1989/1990, the regulations applying and Codes of Practice. The application of this legislation to a Site Safety Management Plan. Basic understanding of negligence, duty of care, nuisance, fraud and conversion. Contract Law including elements of contract, content of a valid contract, collateral, contract misrepresentation, implied terms; formal requirements and part performance; contract documents and their interpretations; substantial performance and quantum meruit.

ENB280 Hydraulic Engineering

Credit Points	12
Campus	null

This unit primarily provide a basic understanding of hydraulic (fluid) principles and an understanding of the use of these principles in engineering applications. The main 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; Similitude and dimensional analysis, Lift and drag, Frictional flow in pipes, Application of pipe resistance formulae, Fitting.

ENB301 Instrumentation and Control

Pre-requisites	MAB126 or MAB182 or MAB132 or MZB126
Credit Points	12
Campus	Gardens Point

Teaching Periods	2014 SEM-1 (INT)

The unit introduces the student to classical control systems, analysis and synthesis, and implementation in an industrial control context. It introduces the principles of electrical measurements and instrumentation, sensors, PLC, DSC and industrial networks, and foundation of feedback control theory for engineers.

ENB311 Stress Analysis

Pre-requisites	ENB102 or ENB212
Equivalents	MMB212
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Advanced analysis of stress and strain; experimental stress analysis techniques; failure criteria and factors of safety, axisymmetric systems; energy methods; plates and shell theory, principles of finite element analysis, and torsion of non-circular sections.

ENB312 Dynamics of Machinery

Pre-requisites	ENB211
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Kinematic and dynamic analysis of planar linkages and mechanisms; multi-degree of freedom systems with steady and transient vibrations, Introduction to noise.

ENB313 Automatic Control

Pre-requisites	ENB211
Equivalents	ENB301
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit introduces you to the theory and practice of control systems engineering. The unit introduces system modelling principles for mechanical, electrical and electromechanical systems, using the Laplace transform to build transfer-function models of system components. The unit emphasizes the practical application of control theory to the analysis and design of feedback systems to ensure stability, reduce steady state errors and improve transient response.

ENB314 Industrial Noise and Vibration

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The unit is about the study of noise and vibration measurement and control which is experienced in industry. It includes a basic understanding of the theories and capable of modelling and predicting noise and vibration in an industrial environment. This unit will provide you with sufficient experience in instrumentation and measurement of noise and vibration and to apply them in industry.

ENB315 Motor Racing Vehicle Design

Pre-requisites	ENB316
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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).

ENB316 Design of Machine Elements

Pre-requisites	ENB215
Equivalents	MMB381
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Analysis of operating conditions and their impact on design solutions, design of fasteners, shafts and other mechanical components, design of springs, Design for manufacturability, fundamentals of lubrication, computer aided design (solid modelling), frames and housings.

ENB317 Design and Maintenance of Machinery

Pre-requisites	ENB316
Equivalents	MMB382
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Design of equipment for special applications such as pressure vessel, food processing, Design of machine system, Optimisation of design, machinery failure, prediction, analysis and prevention. Design for reliability application of FMEA, Condition monitoring, ethics, Fundamentals of friction , wear related to design, Failure analysis & OH&S.

ENB318 Biomechanical Engineering Systems

Pre-requisites	ENB211
Equivalents	MMB391
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Topics covered in this unit include an appreciation of the mechanics of the tissues of the joints (micro mechanics or tissue mechanics) and the function of the body during normal activities (macro-mechanics or biomechanics). This unit is designed to develop an understanding of the complex properties of the individual tissues and practical competencies in the evaluation of human function and performance from a biomechanical perspective. Biomedical engineers require the ability to analyse the mechanics of the human body for applications such as prosthetic design (both artificial limbs and replacement joints), design of assistive devices for people with disabilities, sporting performance, ergonomic tasks, and other health related areas.

ENB319 Biomechanical Engineering Design

Pre-requisites	ENB215
Equivalents	MMB392
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit is structured to further develop the engineering design skills of students, 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. A knowledge of manufacturing processes, fundamentals of engineering design, engineering drawing and engineering materials is assumed. Contents include design for manufacture, materials selection, computer-aided design and solid modelling, rapid prototyping techniques, user interface, and case studies of selected medical devices.

ENB321 Fluids Dynamics

Pre-requisites	ENB201 or ENB221
Equivalents	MMB352
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

ENB322 Biofluids

Pre-requisites	ENB201 or ENB221
Equivalents	MMB362
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit looks at the properties of biofluids, such as blood and synovial fluid, and techniques to analyse their viscous behaviour. This leads to an understanding of how biofluids interact with medical devices and of criteria for the design of devices to fulfil their function without damaging the biofluid and, in the case of blood, the cells transported in the fluid.

ENB329 Mechatronics Project 2

Pre-requisites	ENB229 and ENB243 and ENB244
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Units

ENB329 focuses on teams of students applying advanced mechatronics principles to design and build an autonomous robot. Students will integrate aspects of mechanical, electromechanical, electrical, software, signal processing and control engineering that they have learnt in their course. The core learning outcomes include development of teamwork and communication skills, engineering design and implantation skills and the ability to communicate about your robot.

ENB331 Materials and Manufacturing 2

Pre-requisites	ENB231
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit extends the formative body of knowledge gained in ENB231 and 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.

ENB333 Operations Management

Equivalents	MMB476
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit develops students' ability in applying quantitative techniques in solving different types of industrial operations problems. Topics include: product mix, assignment and transportation models; location and layout decisions, job design analysis; project planning; quality control and the use of simulation in operations management.

ENB334 Design For Manufacturing

Equivalents	MMB374
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Topics covered in this unit include: basic concepts in the analysis of a mechanical engineering design, relating the design requirements to a range of manufacturing processes; an understanding of the complete manufacturing specifications for mechanical designs based on functional requirements, manufacturing processes, interchangeability and standardisation; introduction to the basic principles in the design of jigs and fixtures in manufacturing.

ENB335 Modelling and Simulation For Medical Engineers

Pre-requisites	ENB318
Equivalents	MMB496
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Traditional experimentation techniques can often not be applied to investigate the mechanics of biological systems. Medical engineers are often then required to use modelling and simulation techniques to understand the behaviour of biomechanical components and/or systems. This unit introduces you to some of the fundamental principles of modelling and simulation techniques and their applications in Biomedical Engineering.

ENB336 Industrial Engineering

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

ENB338 Biomaterials

Equivalents	MMB292
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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; composites as biomaterials; structure-property relationships of biomaterials; tissue response to implants; soft tissue replacements; hard tissue replacements.

ENB339 Introduction to Robotics

Equivalents	MMB451
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

ENB340 Power Systems and Machines

Pre-requisites	ENB103 or ENB250
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This is a core unit that develops the basic topics essential for an electrical engineer working in areas that include the resources sector, the process industries, electrical power utilisation, electric power generators as well the electricity supply industry. Topics covered in machines include magnetic circuits, single phase and three phase transformers; electric machines including electromechanical energy conversion, reluctance motors, induction motors, synchronous machines, D.C. machines, stepper motors, P.C. motors; motor control; heating, cooling and rating. Power system topics include power generation and energy sources, electricity market operation, fault calculations, basic protection and power system operation, in particular real and reactive power control.

ENB342 Signals, Systems and Transforms

Pre-requisites	ENB242
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The unit covers the area of Signals in Linear Systems for which a detailed study of Fourier theory applied to both analogue and discrete-time signals and to the analysis of linear systems will be given. Systems will be represented in time as well as in frequency and various characteristics and relationships in the two domains will be discussed. The students will be introduced to the fundamentals of analogue and discrete-time signal processing; analogue and discrete Fourier transform; linear and discrete convolution. Finally, the students will learn the fundamentals of digital filter design and implementation, with examples and applications arising from various disciplines.

ENB343 Fields, Transmission and Propagation

Pre-requisites	ENB103 or ENB250
Equivalents	EEB641
Credit Points	12
Campus	null

Fundamental concepts of static and time varying electromagnetic fields; Maxwell's equations and the characteristics of their solution, such as wave equations, losses in various media and energy flow; numerical methods; transmission line theory, terminated line, Smith Circle Chart usage and lattice diagram; propagation modes in waveguides and optical fibre; free-space propagation, reflection, refraction, diffraction; basic antenna theories and antenna parameters, Frii's transmission equation, half-wave dipole, two-element array.

ENB344 Industrial Electronics

Pre-requisites	ENB240
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The unit gives a basic understanding of linear and switching applications in industrial electronics. Practical knowledge associated with interfacing and design is developed. Students will also study the theory and design of advanced digital embedded systems as well as the practicalities associated with implementation. It also covers power rectification, controlled rectification, inverters, AC and DC drives,

uninterruptible power supplies and power switching components.

ENB345 Advanced Design and Professional Practice

Pre-requisites	ENB245
Equivalents	EEB684
Credit Points	12
Campus	null

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.

ENB346 Digital Communications

Pre-requisites	ENB342
Equivalents	EEB560
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Revolutionary developments in the field of Digital Communication 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 which covers Elements of a Digital Communication System aims at providing the students with an in-depth understanding of the theory and applications of digital communication systems and technology.

ENB347 Modern Flight Control Systems

Pre-requisites	ENB348
Equivalents	EEB535
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The modules of this unit are Control Systems B and Flight Control Systems. The unit provides students with an understanding of control system design and analysis for discrete time control systems as well as using the state space approach. Furthermore, it introduces students to different aspects of flight control including factors affecting the performance and simulation. Specific topics such as artificial stability and MILSTDs are also covered.

ENB348 Aircraft Systems and Flight Control

Pre-requisites	MAB127 or MAB182 or MAB132
Equivalents	EEB431
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The modern aircraft is an extremely complex machine comprised of many systems. These systems include propulsion, engine management, flight management, flight control, navigation, and life support and flight data recorders. The safe and reliable operation of all these systems is required to conduct a single flight. The modern avionics engineer requires an understanding of all these systems and how they operate on modern civil and military aircraft. This unit places emphasis on the flight control systems of modern aircraft which is one of the primary sub-systems. As part of this, methods for modelling the dynamic behaviour of aircraft, missiles and spacecraft are introduced, along with the criteria for stability.

ENB350 Real-time Computer-based Systems

Pre-requisites	ENB244
Equivalents	EEB566
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit covers the area of embedded systems and real-time kernels. C programming is reviewed in the context of real-time applications where it is often mixed with assembly language. Data representations, input-output programming, concurrency, scheduling, memory management and system initialisation are discussed. Programming laboratory exercises introduce development tools and reinforce fundamental concepts such as polling, interrupt driven input-output, serial port communication, pre-emptive and non pre-emptive scheduling, resource sharing, priority inversion and deadlock. Students develop a simple real-time process control application using programmable logic and micro-controllers.

ENB352 Communication Environments For Embedded Systems

Pre-requisites	ENB350
Equivalents	EEB666
Credit Points	12
Campus	null

This unit addresses the following: computer networks; network programming; open network foundations; embedded systems; client/server; bus architectures; network controllers; distributed systems in automation and process control; embedded Java; distributed objects; distributed databases; distributed operating systems.

ENB354 Introduction To Systems Design

Equivalents	EEB585
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Introduction systems engineering methodologies and techniques as applied to Aerospace Engineering projects. The students receive formal lectures and apply the knowledge gained to a specific case study or mini project.

ENB355 Advanced Systems Design

Pre-requisites	ENB354
Equivalents	EEB685
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit is based on the experiences already gained in first semester. The purpose of this unit is to lead to a deeper understanding of the system engineering process and the relations between the project phases, requirements, review processes, documentation and/or related deliverables. Practical examples will be given based on currently ongoing projects. A further objective of this course is to outline the importance of understanding contractual relations of Test Reports (TR), Design Documents (DD), Verification and Validation (V&V), Acceptance Tests (AT) and delivery.

ENB357 Spacecraft Dynamics and Control

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit offers a general introduction to space technology. It includes the following: coordination of systems and time references used within space dynamics; rocket dynamics; satellite orbit and attitude dynamics and control; an introduction to a satellite as a system and subsystems.

ENB360 Heat and Mass Transfer Operations

Pre-requisites	ENB221 and ENB222
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Optimal delivery of heat and mass transfer is a key outcome of process engineering design and operations. This unit delivers core knowledge of heat and mass transfer concepts to improve unit operations.

ENB361 Minerals and Minerals Processing

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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) mineral 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 through collaborative learning activities.

ENB362 Bulk Materials Handling

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

ENB363 Safety and Environmental Management

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

ENB371 Geotechnical Engineering 2

Pre-requisites	ENB272
Equivalents	CEB322
Credit Points	12
Campus	null

This unit includes: further study on the behaviour of soil and rocks; determination of subsurface pressures from surface loadings; soil settlement including time related clay consolidation settlement and immediate settlements on sand and clay as related to shallow foundations; assessment of bearing capacity and allowable bearing pressures under shallow foundations; pile foundation systems and analysis for capacity and settlement; rock mass behaviour, classification and joint shear strength applied to slope stability assessment and stabilisation measures.

ENB372 Design and Planning of Highways

Equivalents	CEB317
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Civil engineers as professionals are responsible for the delivery of major transport infrastructure items through the stages of inception, planning, design, development, maintenance and management. The purpose of such projects is to improve the quality of life of the community by offering safe and efficient access to activity locations and mobility between locations. In delivering such infrastructure it is imperative that social, economic, and environmental impacts and benefits are considered and addressed. This unit offers students an opportunity to explore the role of the civil engineer in the preparation of a feasibility design study for a road as a major transport infrastructure item.

ENB373 Design and Construction of Steel Structures

Pre-requisites	ENB375
Equivalents	CEB329
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit includes the study of steelwork: design and construction; structural systems; load paths; rules of thumb; building layout; function and form; cladding; element and wind loading evaluation; idealisation, analysis, design action effects; space gas, columns and rafters; trusses and bracing; connections; knee ridges; base plate design; procurement and fabrication; scheduling and erection.

ENB375 Structural Engineering 2

Pre-requisites	ENB102 or ENB270 or ENB276
Equivalents	CEB318
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit considers the following: limit states design of steel structures; buckling and ultimate strength behaviour of steel structures; tension members, compression members; local and global buckling (flexural and flexural torsional buckling modes) concepts as applied to compression members and beams; effective lengths of compression members and beams; design of beams; effect of lateral restraints on buckling; web stresses including web crippling and buckling; beam-columns; bolted and welded connections; unsymmetric bending of beams including principal second moments of area; shear stresses in beams of thin-walled open cross-sections and their shear centres. Most cold-formed steel sections are unsymmetric and hence the latter topics are useful in steel design.

ENB376 Transport Engineering

Equivalents	CEB323
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The transport system is an essential part of our physical infrastructure. It is imperative that civil engineers are able to undertake typical road and traffic engineering investigations, analyses and designs. These require an understanding of the intent of individual road system elements, how they operate, and how they are delivered and managed: this understanding is developed in this unit. Further, it is important that civil engineers are able to undertake multi-modal transport surveys to gain an understanding of the operation of a particular transport system.

ENB377 Water and Waste Water Treatment Engineering

Pre-requisites	ENB201 or ENB280
Equivalents	CEB321
Credit Points	12
Campus	null

The provision of a safe, wholesome and adequate supply of water and the proper treatment, disposal, and reuse of wastewater are essential for protecting human health and well-being. Water and wastewater treatment are required for the control of water-born diseases and the provision of proper sanitation for urban, rural, and recreational areas. Water and wastewater treatment engineering is a major field of civil and environmental engineering and is manifested by sound principles and practice in terms of solving sanitation problems.

ENB378 Water Engineering

Pre-requisites	ENB201 or ENB280
Equivalents	CEB319
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The main topics to be covered in this unit follow: the hydrologic cycle and its application to the estimation of runoff from small catchments; probability and risk and the selection of design floods; hydrologic data; estimation of peak runoff using the Rational Formula estimation of runoff hydrographs using rainfall-runoff routing models; the hydraulic characteristics of open channels; uniform flow, gradually varied flow and rapidly varied flow; the hydraulic characteristics of culverts and retention basins; the operation of urban drainage systems.

ENB379 Transport Engineering and Planning Applications

Equivalents	CEB419
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The environmental engineer must be familiar with the role of each transport mode in the overall transport task, along with current issues associated with each mode. This must be overarched by an understanding of the system for planning and management of transport projects and systems, particularly in context with economic, environmental and social attributes. This unit provides students who wish to pursue a career in environmental engineering with an understanding of these areas. The unit also includes case studies covering the environmental impacts for some of the urban and rural transport and infrastructure projects especially in the area of community consultation.

ENB380 Environmental Law and Assessment

Pre-requisites	ENB383 or EVB301
Equivalents	CEB416
Credit Points	12
Campus	null

The adverse consequences of human activity have resulted in the adoption of various international treaties, enactment of stringent legislative requirements, and a growing demand for improved management practices. Engineers need to be aware of the way in which the law works, to be able to communicate with lawyers, and to recognise the legal and political implications of their projects. An understanding of the local, state, and federal governments' power to regulate development and the legal and planning requirements and assessment procedures is essential for professional engineering practice.

ENB381 Civil Engineering Construction

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Detailed studies of the methods and equipment employed in the execution of civil engineering construction. Includes earthworks, heavy foundations, steel fabrication and erection, bridge construction, marine construction, water retaining structures, road and airfield construction and mechanical erection.

ENB382 Estimating in Engineering Construction

Pre-requisites	ENB381
Equivalents	CEB513
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The majority of the unit applies construction, planning and commercial understanding previously developed to fundamental estimating skills suited to firm bidding. The conversion of an estimate to a tender, includes the review process, the determination of risk and profit and the drafting of a tender letter conclude the critical content. A comparison with sub-contract pricing and the use of Bills of Quantity is studied and is linked to conceptual estimating, preliminary estimates for budgets and proposals.

ENB383 Environmental Resource Management

Equivalents	CEB418
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

ENB384 Design of Masonry Structures

Pre-requisites	ENB102 or ENB270
Equivalents	CEB516
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Historic development & Modern Masonry; Constituent Materials – testing standards; Design for durability; Limit state design principles – capacity & serviceability; General design aspects of walling, Fire design provisions; Out-of-plane behaviour of unreinforced masonry walling; Design of facades, ties & accessories; Unreinforced masonry – in-plane behaviour, shear walls & construction detailing; Reinforced masonry – design for flexure, in-plane and out-of-plane shear; Design for compression & slender walls; Novel designs – prestressed masonry, dry-stack masonry, thin bed masonry, geometrical sections, cavity walls and diaphragm walls; Case study - industrial building / medium rise apartment building.

ENB421 Thermodynamics 2

Pre-requisites	ENB222 and ENB321
Equivalents	MMB351
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

ENB422 Energy Management

Equivalents	MMB451
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

ENB423 Heating, Ventilation and Air-Conditioning

Pre-requisites	ENB201 or ENB221 or ENB222
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

ENB432 Engineering Asset Management and Maintenance

Equivalents	MMB470
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

ENB433 Plant and Process Design

Pre-requisites	(ENB221 or ENB201) and ENB222 and ENB231
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The unit is of great assistance to graduates who will work in one of the many industry where Mechanical Engineers are concerned with Plant and Process Design. These industries use heat exchangers, piping systems and cooling towers intensively. This would include power stations, mineral processing, sugar/processing and refinery/chemical industries. The unit is taught by university and industry specialists who have considerable experience in their chosen field.

ENB434 Tribology

Pre-requisites	ENB201 or ENB221
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

ENB435 Computer Integrated Manufacturing

Equivalents	MMB471
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Topics covered in this unit include: introduction of the concepts of strategic planning for computer integrated manufacturing; concepts of advanced manufacturing technologies and the various components of computer integrated manufacturing system; the importance of concurrent engineering in the context of CIM; introduction to the principles of modelling and simulation techniques as a design and evaluation tool for manufacturing systems.

ENB436 Mechatronics System Design

Equivalents	MMB478
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit provides students with an understanding of design and interpretation of hydraulic and pneumatic circuits (including graphical symbols, fluid logic and components of fluid systems) and 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: mechatronics systems design; power supply; introduction to fluid power and graphical symbols; hydraulic and pneumatic systems; simple circuits; fluid logic; logic symbols and circuits; hydraulic components, fluids, system design, circuits; pressure compensated flow

control.

ENB437 Health Legislation in the Medical Environment

Equivalents	MMB492
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit provides an introduction to the types of legislative control in the health and medical industries. It highlights the minimum requirements in relation to the role of medical engineers and their contribution to successful and ethical relationships with medical, health legislative and regulatory affairs professionals. Content includes: national and international legislative controlling bodies and codes (EC, TGA, FDA); structure and sources of legal system (State and Federal); Good Manufacturing Practice (GMP); ISO9000 Quality Systems; Total Quality Management; ethics committees and clearance; industry case studies.

ENB439 Advanced Robotics

Pre-requisites	ENB339
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit extends the robotic concepts introduced in ENB339 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.

ENB440 RF Techniques and Modern Applications

Pre-requisites	ENB343
Anti-requisites	ENB445
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit addresses the following: lumped and distributed microwave and RF circuits, including [y], [t] and [s] parameters; impedance matching techniques; passive and active microwave devices; RF circuit design techniques; microwave and RF measurement techniques; linear antennas and microwave antennas; analysis and synthesis of antenna arrays; specialised antennas and antenna measurements; EMC definition, standards and regulations; test plan; measurements; interference coupling; susceptibility; EMC design techniques, component selection, circuit layouts, grounding, shielding, filters, suppressors, isolation and safety; EMC management; propagation of electromagnetic fields in electrical materials; application of numerical methods.

ENB441 Applied Image Processing

Pre-requisites	ENB342
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to introduce the fundamentals and applications of image processing to the students. The unit covers topics such as image acquisition, image representation, image enhancement, image segmentation, and image filtering. These topics will be introduced using a project based approach with applications to engineering practical problems.

ENB446 Wireless Communications

Pre-requisites	ENB346
Equivalents	EEB960
Credit Points	12
Campus	null

This unit addresses the following: cellular mobile radio system concepts; mobile radio propagation; spread spectrum techniques and CDMA; speech coding modulation and channel coding techniques for GSM and CDMA; fading mitigation through diversity; inter-symbol interference mitigation; the GSM and CDMA standards; the WAP and the GPRS; introductions to UMTS/IMT2000; introduction to personal communications; introduction to blue tooth technology; other wireless systems including wireless LAN, wireless local loop, microwave local multipoint distribution systems (LMDS) and LEO satellite communication.

ENB447 Navigation Systems For Aircraft

Pre-requisites	MAB127 or MAB182 or MAB132
Equivalents	EEB835
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Modern aviation continues to flourish, with millions of passenger flying each year throughout the world and in all kinds of weather condition. Safe and reliable navigation is one of the primary functions that enable these flights. In past years pilots navigated visually relying on fair weather conditions. Today pilots use navigation aids to allow navigation in all types of weather conditions day or night. This unit presents the principles and practices of modern navigation sensors and systems.

ENB448 Signal Processing and Filtering

Pre-requisites	ENB342
Equivalents	EEB941
Credit Points	12
Campus	null

This unit gives a comprehensive introduction to the representation and processing of signals distorted or corrupted by noise, and the systems needed to process them. Techniques to enhance, detect , classify and estimate useful information from the signals in the presence of noise and other distortions will be presented. The methods presented will be tested on real signals drawn from different engineering applications, such speech signals, image signals, biomedical signals and signals in communications systems.

ENB451 Aerospace Radio and Radar Systems

Pre-requisites	ENB343
Equivalents	EEB760
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit includes a thorough treatment of the elements of radio and radar systems, ground, air and space based. This is a highly technical unit and an emphasis will be put on the solution of technical problems and the knowledge required to solve these problems. Electromagnetic Compatibility and Electromagnetic Interference principles are covered in detail. Analysis of antennas, modulation techniques, amplifiers and filtering techniques for radio, as well as, types of radar and applications, Mechanisms for Ranging, Doppler Radar and Receiver Processing are some of topics addressed.

ENB452 Advanced Power Systems Analysis

Pre-requisites	ENB340
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The aim of this unit is to introduce you to the basic topics of power system analysis relevant to engineers involved in both operations and planning. Specific tasks will be evaluation of faults on lines, load flow and stability analyses using commercial packages.

ENB453 Power Equipment and Utilisation

Pre-requisites	ENB340
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The unit emphasises the use of relevant standards to the specification and design of electrical equipment for the use of electrical energy supply for buildings and for earthing. Design approaches emphasise current engineering practise.

ENB454 Power System Management

Pre-requisites	ENB340
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of this subject is to develop skills in the operational management and the overall system management of Power systems. There are many decisions to be made in the context of imperfect information. This subject provides tools to provide a degree of structure to the decision process, whether at purchase time or in daily operation. These tools cover the areas of risk analysis, reliability and asset management and extend to the operational areas of utilization of equipment and quality of supply. The outcome is to achieve a balance between

maintenance and capital purchases between investment and reliability.

ENB455 Power Electronics

Pre-requisites	ENB344
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The unit introduces the student to advanced industrial electronics and power converters with different applications. Students learn how to model power converters, design a controller and simulate power electronic systems using Matlab/Simulink software for different applications. They also learn practical issues such as EMI, efficiency and losses to design a controller and power circuits.

ENB456 Energy

Equivalents	EEB911
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Renewable energy sources including solar and wind energies are becoming more important than ever due to increasing energy demand, dwindling oil and gas supplies, increasing pollution levels in the atmosphere and the associated global warming effects. Renewables may also help improve competitiveness and have a positive impact on regional development and employment. An overview of the different energy sources will be covered followed by an understanding of the characteristics of solar energy, radiation calculation, measurements and applications in remote, hybrid and grid interactive configurations. Students will be equipped with fundamentals of alternative energy sources including solar thermal, photovoltaics and wind conversion technologies.

ENB457 Controls, Systems and Applications

Pre-requisites	ENB301
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Control systems are playing an increasingly important role in process control, energy management and utility management. This unit is concerned with the application of advanced control systems with an emphasis on physical architectures and implementations. Topics covered include control system actuators, sensors and controllers, control system architectures, human machine interfacing, adaptive control strategies and intelligent control.

ENB458 Modern Control Systems

Pre-requisites	ENB301
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit introduces the student to the following concepts: Discrete time control systems and their design, state space modelling and control system design using state space techniques, linear optimal control, non-linear systems, and adaptive control with applications of neuro-computing and fuzzy logic.

ENB471 Design of Concrete Structures and Foundations

Pre-requisites	ENB276 and ENB371
Equivalents	CEB424
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Concrete design and construction; roles of building professionals; current structures; structural systems; load paths; rules of thumb; building layout, function and form, design effects; seismic and element loads; formwork and placement constraints; reinforced and prestressed concrete slabs, beams and columns; architectural issues, connections and detailing; site investigation, spread and pile footings and foundations; retaining walls.

ENB472 Project Engineering 2

Equivalents	CEB412
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The unit builds on the understanding of the physical aspect of construction gained in Project Engineering 1 to develop the skills needed to manage a project. Further studies in estimating, contracts administration and cost control provide support for a major computer simulation exercise based on the construction management of a complex industrial project. This experiential component provides a framework for the exploration of issues in the legal, managerial and technical areas which form the basis for the professional presentations that conclude the unit.

ENB473 Design and Construction of Multi-storey Buildings

Pre-requisites	ENB275 and ENB375
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit builds on the structural, material, construction and design units of previous semesters, in particular Design of Steel and Concrete Structures, and applies that knowledge and skills to a multi-storey building on a real site to perform a real function. The unit covers a range of topics as applicable to multi-storey buildings, namely, structural systems, analysis techniques, design and construction methods, composite floor systems, steel framed buildings, construction, fire safety and durability. Using a realistic building project it enables QUT students to prepare themselves to pursue a career in structures and/or construction. There will be a special emphasis on the interdependency between construction and design. The aim of this unit is to help you to learn and develop professional engineering skills with special emphasis on analysis, design and construction of multi-storey buildings.

ENB474 Finite Element Methods

Pre-requisites	ENB475
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The Finite Element Method (FEM) is 20th century's answer for treating complex problems, which had hitherto remained impossible to solve, in several areas of engineering such as structural, geotechnical, electrical, heat conduction, etc. The applications of this powerful computer based method has rapidly extended to cover several areas of engineering. In the structures area, the displacements and stresses in complex concrete connections, dams, deep beams with openings, shell structures, etc., can only be obtained by finite element analysis. Basic theory of FEM and its features such as engineering actions, modelling techniques, choice of elements, boundary conditions and input data will be covered in this unit. It aims in equipping engineers with skills to apply FEM effectively in structural, geotechnical and water engineering problems.

ENB475 Structural Engineering 3

Pre-requisites	ENB276
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This is an advanced structural engineering unit which builds up on previous knowledge in this area and covers applications. Load paths in structures and cable structures with applications in bridge engineering will be covered. The stiffness method, which is the basis of all structural analysis software packages will be covered in detail. The formation of plastic hinges (failure points) and failure mechanisms in structures will be treated with simple applications. Structural dynamics and vibrations in structures will be introduced and illustrated with applications. Application of structural dynamics will be extended to seismic engineering. The basics of seismic engineering and the use of the Australian code for analysing structures subjected to seismic loads will be covered.

ENB476 Civil Engineering Design Project

Pre-requisites	(ENB371 and ((ENB372, ENB376, and ENB378) or EN40MJR-CVCOENG)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Through preparation of various civil engineering design elements of a major project, this final design strand unit builds upon the earlier units to polish students' professional capabilities as expected of a graduate civil engineer. Students will be expected to apply to their project the knowledge and experience gained in the civil engineering sub-disciplinary core units including: Geotechnical Engineering 2, Water Engineering, and Transport Engineering. The aims of this unit are to provide you with an understanding of the role of the civil engineer within a major project, including the various technical activities undertaken, overall project management, and an understanding of community expectations.

ENB477 Facade Engineering

Pre-requisites	ENB375 or ENB311
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Teaching Periods	2014 SEM-2 (INT)

The unit provides the basic knowledge and skills required by facade engineers and designers. It introduces you to new materials such as aluminium, composite aluminium panels, natural stone, structural silicone adhesive and one of the more unique and challenging structural materials - glass. It then presents the required knowledge and skills for thermal and weather performance analyses and structural design of typical aluminium framed and glazed facades. The unit will provide a basic understanding of selection, analysis and design of innovative and large span facades and glass structures. Fabrication and construction are integral aspects in the selection and design of facades, so an insight into fabrication and construction methods are presented along with an understanding of their collaboration in design.

ENB478 Advanced Water Engineering

Pre-requisites	ENB378
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit primarily intended to provide detailed conceptual knowledge on river and coastal processes. The main topics to be covered under River Engineering are: catchment and flood plane management, river flow modelling, sediment transport and application of water sensitive urban design to urban systems. The main topics to be covered under Coastal Engineering are: wave theory, coastal inlets and canal systems, planning and design of coastal structures and coastal management and planning.

ENB481 Civil Engineering Project Management

Pre-requisites	ENB275
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Engineers are invariably required to manage projects. This unit reinforces the student's understanding of current management principles in the context of construction projects. Other topics include administration, cost control, claims, legal and insurance issues together with outsourcing, problem solving, communication and dispute resolution. The focus of the unit is to ensure students develop an appreciation of the commercial and non-technical issues associated with successful projects. The aim of this unit is to help the student understand the nature of the decisions required of an Engineer managing a project and practising making these decisions within the fast-moving commercial and economic environment for such projects.

ENB485 Advanced Geotechnical Engineering Practice

Pre-requisites	ENB371
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to firstly, develop the generic technical skills required to identify and solve geotechnical engineering problems of the type commonly encountered by specialist geotechnical consultants, and secondly, to have a good understanding of some specialist techniques for site investigation, performance prediction and construction. The unit will be presented as study modules, each one emphasising a different area of geotechnical engineering. The study areas and the case studies used for practice may change from year to year depending on the availability of experienced practitioners and on current geotechnical projects and interests.

ENN510 Engineering Knowledge Management

Equivalents	MEN273
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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

Equivalents	MEN177
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Total Quality Management (TQM) has evolved beyond its roots in statistics and the quality control function. Today, many observes consider it to be a framework for "excellent" management. The dominant themes 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.

ENN522 Advanced Communication Systems

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit will focus on fundamental principles as well as recent developments in communication technologies including advanced multiple access techniques, multiple-input multiple-output systems, modern antenna systems, Orthogonal Frequency Division multiplexing, advances in cellular systems and cognitive radio systems.

ENN523 Advanced Network Engineering

Anti-requisites	INB352, INN352
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 performance evaluation, traffic engineering and other advanced topics. Then, it exposes students to the theory and practice of the analysis and design 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	null

Mobile networks have been widely deployed in various industries whilst navigation systems have been increasingly integrated into various mobile platforms for value-added services. Relying on a solid overview of wireless communications and mobile networks, this unit introduces students to the fundamental knowledge of mobile networks and navigation systems and integrated solutions. The unit highlights the recent advances in wireless local area and wide area networks as well as sensor networks. The unit also provides a systematic overview for satellite navigation systems and terrestrial wireless positioning technologies. Integration of mobile networks and navigation systems through specific standards will be also discussed through two case studies.

ENN530 Asset and Facility Management

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Problem identification, research design and planning, literature search and communications through reports and presentations are essential attributes of engineers in all the disciplines. Research methods and their applications to the solve discipline specific real world problems are skills that in demand from engineers at today's work place. It is also equally important to communicate solutions clearly and effectively in writing and verbally.

ENN542 Statistical and Optimisation Methods for Engineers

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit offers an introduction to statistical methods and optimisation methods useful for engineers in practice. It includes the following: the process of stochastic research, linear regression analysis, simultaneous equation model, count data model, time series, classical optimisation methods, Nonlinear, geometric and dynamic programming.

ENN550 Energy Systems Fundamentals

Credit Points	12
Campus	null

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 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.

ENN551 Renewable Energy Technologies, Energy Storage and Electricity Distribution Systems

Pre-requisites	ENN550 can be enrolled in the same teaching period
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Complex systems thinking, advanced well-to-wheel analysis and knowledge-driven decision making are vital skills for energy professionals to acquire in order to optimise the role renewable energy resources can play in the continuing transition to a sustainable low carbon society. This unit adopts a comprehensive integrated system approach to the fundamentals of renewable energy sources and conversion technologies, energy storage and electricity distribution. The aim of such an integrated system is to optimise performance which is closely matched to end user energy needs in time, quantity and quality.

ENN552 Solar Thermal Systems - Heat and Power

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

-

ENN553 Energy Optimised Buildings and Communities

Pre-requisites	ENN550 can be enrolled in the same teaching period
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 and their neighbourhoods.

ENN570 Enterprise Resource Planning

Equivalents	MEN272
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Enterprise resource planning (ERP) systems integrate internal and external information across an entire organization, embracing finance/accounting, manufacturing, sales and service, customer relationship management, parts purchasing, maintaining inventories, interacting with suppliers etc. 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. It can run on a variety of computer hardware and network configurations, typically employing a database as a repository for information. This unit explains the major business processes in manufacturing and service organizations and demonstrates how successful integration between business functions can be achieved. It provides a technical overview of Enterprise Resource Planning Systems and their impact on organizations. SAP is introduced to illustrate the concepts, fundamentals, framework, general information technology context, the technological infrastructure, and integration of business enterprise-wide application.

ENN576 Transport Planning and Strategic Modelling

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit is designed to introduce students to the fundamentals of urban transport planning and strategic modelling. The unit will acquaint students with transport planning and strategic modelling as a profession, the types of projects that transport planners are required to conduct, and familiarize students with essential transport planning, strategic modelling, and evaluation skills. Urban transport is a dynamic phenomenon and by nature ever changing and affects everyone's life. Transport investment decisions (or lack thereof) have been held accountable for either increased economic prosperity or spiralling economic decline and affect our travel choices, which in turn have dramatic impacts on the environment. This unit is structured around five subject areas: understanding transport, current transport problems, transport policy and decision making, transport planning and strategic modelling methodology, and transport solutions.

ENN579 Advanced Traffic and Transit Operations

Credit Points	12
Campus	null

-

ENN589 Intelligent Transport Systems

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

-

ENN590 Project 1

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This two-semester unit is a project unit aims to give students experience in solving advanced engineering problems in a relevant discipline and the opportunity

to apply the knowledge gained throughout the course. Through the project students 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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This two-semester unit is a project unit aims to give students experience in solving advanced engineering problems in a relevant discipline and the opportunity to apply the knowledge gained throughout the course. Through the project students will gain experience in project identification, research planning, finding solutions and communications.

EPG001 Introduction To Power Plant

Credit Points	12
Campus	null

THIS UNIT IS AVAILABLE TO BX20 AND BX21 STUDENTS ONLY. This unit provides an overview of the operation, performance and maintenance of large coal-fired boiler-turbine-generator plants. It is intended as an introduction to the whole of the power station plant and systems. Such coal-fired power plants consist of a water and steam cycle, a fuel (coal and air) cycle and control systems to optimise performance. A typical power station burns millions of dollars worth of fuel every week. Maximising plant efficiency in the face of plant problems, operational requirements and changes in fuel supply can save thousands of dollars each week and reduce the environmental impact of power generation. Electricity is a commodity being traded in a market, but unlike most other commodities it cannot be stored in any significant quantity. Understanding the context of the network and the electricity market is a crucial aspect of operating power plants.

EPG005 Project Delivery

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 5TP8 (BLK)

THIS UNIT IS AVAILABLE TO BX20 AND BX21 STUDENTS ONLY. This unit provides an overview of the techniques and tools required for the professional development of a project including the generation and submission of viable proposals. The successful development and implementation of such projects and the ability to appropriately manage projects and contracts related to plant equipment, maintenance and life schedules including refurbishment can save vast resources and directly affect the environmental impact within a power generation facility.

EPG006 Applied Thermodynamics

Credit Points	12
Campus	null

THIS UNIT IS AVAILABLE TO BX20 AND BX21 STUDENTS ONLY. Many power station plant processes involve movement of heat from one component to another. This might be for the generation process itself, or simply maintaining equipment within operating temperature limits. Measuring and managing heat transfer processes are crucial for the effective and efficient operation of generating plant. The heat produced by the boiler in a power station is delivered to the turbine. Any heat not extracted from the steam by the turbine is then discharged to the atmosphere through the cooling towers. This unit considers ways of effectively moving the heat generated in the various processes in the power station plant, and extracting that heat to produce electricity.

EPG011 Industrial Electrical Power Distribution

Credit Points	12
Campus	null

THIS UNIT IS AVAILABLE TO BX20 AND BX21 STUDENTS ONLY. This unit provides an overview of the aspects of industrial power distribution and earthing systems relevant to a power generation plant. Around 8% of a power station's output is used on plant auxiliaries - power stations are their own biggest customer. The effective design, operation and maintenance of equipment used for distribution of this auxiliary power across a plant site is crucial for its reliable operation. Earthing systems underpin the safety of personnel and plant in any industrial complex. This unit provides the theoretical and practical background knowledge required to understand the design, testing and maintenance of earthing systems in a power plant.

EPG015 Industrial Electrical Power Systems

Credit Points	12
Campus	null

THIS UNIT IS AVAILABLE TO BX20 AND BX21 STUDENTS ONLY. Electrical protection systems are fundamental to the safe and reliable operation of the generating facility. This unit provides the theory and knowledge to enable review and testing of protection schemes that protect plant items. Emergency Power systems underpin the safety and reliability of industrial facilities. This unit provides the theoretical and practical background knowledge required to understand the design operation and maintenance of Emergency Power systems. Applicable standards, codes and legislation, fundamentals of lighting system design.

ERB101 Earth Systems

Equivalents	NQB201
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

In ERB101 Earth System you will focus on the key components of our planet – the lithosphere, hydrosphere, and atmosphere. The focus will be on these large-scale processes and how these systems interact and determine the landscapes we live on, how they change in time and the potential impacts on society. This provides a fundamental introduction to Earth Sciences, building on the knowledge and skills developed through Semester 1, and prepares you for more in depth exploration of Earth evolution, natural hazards, environmental management, resource sustainability and climate change.

ERB102 Evolving Earth

Equivalents	NQB202
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Anti-requisites	NQB413
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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

Pre-requisites	ERB201 or NQB314
Equivalents	NQB412
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit will introduce the geological "fingerprints" and fundamental mechanics of the continuous deformation processes that shape our planet. The deformation of Earth materials is intimately related to earthquakes, the formation of tectonic plates, mountain building, volcanoes, fluid flow in the lithosphere, and the generation of resource deposits. All rocks exposed at the surface of Earth have experienced some form of deformation. Therefore, this unit provides essential tools for the field geologist, geotechnical engineers, rock physicists, etc., and paves the way for the capstone unit "Geodynamic Earth".

ERB205 Earth Materials

Equivalents	NQB311
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Minerals are the building blocks of rocks which comprise the solid Earth. The study of minerals is essential for understanding the structure and composition of the earth and the detailed processes of the rock cycle. Mineralogy forms the basis for petrology (the study of the genesis of rocks) and geochemistry.

ERB206 Petrology

Pre-requisites	ERB205
Equivalents	NQB411
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

ERB310 Groundwater Systems

Equivalents	NQB614
Credit Points	12
Campus	null

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.

EVB102 Ecosystems and the Environment

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

EVB201 Global Environmental Issues

Pre-requisites	EVB102 or SCB110
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The capacity for understanding complex global environmental problems such as climate change, now and in the future, will rely on the capacity of environmental scientists to interpret and critically analyse environmental systems. This unit focuses on understanding long and short term climate and environmental change and opportunities for action as crucial to sustainable development within our biotic, geomorphic and cultural landscapes. This developmental unit builds on knowledge and skill from Ecosystems and Environment, EVB102.

EVB202 Quantitative Skills for Environmental Science

Pre-requisites	SEB113
Credit Points	12
Campus	null

EVB203 Geospatial Information Science

Pre-requisites	ERB101 or EVB102
Equivalents	UDB181
Credit Points	12
Campus	null

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.

EVB204 Land Resource Assessment

Pre-requisites	ERB101 or EVB102
Credit Points	12
Campus	null

The theory and practice of methods to interpret, measure, map, and monitor important natural resource features are essential to the study of environmental systems and impacts. Specific modules will train you in the basic techniques used in environmental field studies to measure and interpret fauna, landform, soil and vegetation patterns. Scientific methods will be used to develop problem-recognition and problem-solving skills through project design, data collection, analysis and interpretation, and reporting. Fieldwork will expose you to the complexity and variety of features that characterise natural environments, as well as professional experiences that are part of the employability of environmental graduates. This unit links to and extends foundational scientific and experimental skills from semester one to environmental impact assessment.

EVB210 Geospatial Mapping

Equivalents	UDB381
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit will provide the student with a 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
Teaching Periods	2014 SEM-1 (INT)

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.

EVB212 Soils and the Environment

Pre-requisites	ERB101
Equivalents	NQB403
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

EVB221 Remote Sensing of the Environment

Credit Points	12
Campus	null

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	null

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 EVB211Geographic Information Systems and Science.

EZB210 Earth and Space Sciences

Credit Points	12
Campus	null

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
Anti-requisites	EFN409
Equivalents	GSZ403
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP5 (INT)

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
Teaching Periods	2014 6TP4 (INT)

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
Teaching Periods	2014 6TP5 (INT); 2014 6TP2 (INT)

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 Human Resource Management Issues

Equivalents	GSZ406
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP2 (INT)

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
Teaching Periods	2014 6TP5 (INT); 2014 6TP2 (INT)

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 Fundamentals of Marketing Management

Equivalents	GSZ408
Credit Points	6
Campus	null

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

Anti-requisites	MGN412
Equivalents	GSZ409
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP6 (INT)

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

Equivalents	GSZ410
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP1 (INT)

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
Teaching Periods	2014 6TP1 (INT)

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.

GSN413 Financial Management

Pre-requisites	GSN403
Anti-requisites	EFN406
Equivalents	GSZ413
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP2 (INT)

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 Leadership and Complexity

Equivalents	GSZ415
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP3 (INT)

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.

GSN416 Business Plans 1

Pre-requisites	GSN405 and GSN410
Equivalents	GSZ416
Credit Points	6
Campus	null

This unit offers students the opportunity to write a formal business plan for a new business venture or offshoot of an existing venture. As business planning is an intensive viability screening exercise in which the business planners must consider all strategic alternatives, students are required to choose a preferred 'business model' and analyse whether or not the proposed new venture appears to be viable. The business plan is a document that communicates this viability to an investor or other potential stakeholders in the new business and the structure and content of the business plan is crafted according to its intended role in a multi-stage communication process with the target reader.

GSN417 Effective Advocacy for Managers

Credit Points	6
Campus	null

This unit builds on work completed in GSN407. It is designed to enhance students' presentation skills. It covers the practical application of key theories of speech communication to create managers who are effective persuaders, opinion leaders, and facilitators of change in a business environment. The issues covered include: structuring and designing for an audience; developing a persuasive theme; using imagery and language effectively; developing presentations.

GSN428 International Study Tour

Equivalents	GSZ428
Credit Points	6
Campus	null

This unit involves a group excursion to one or more international countries for students interested in learning more about doing business with that (those) countries. Students study the business environment and the underlying socio-political, geographical and historical aspects of that (those) countries in considerable detail. The international study tour will normally be scheduled during the semester break period, and involve 10-14 days overseas, accompanied by an Academic Advisor. The group attends organised briefings, meeting, presentations and site visits in the host countries. Assessment includes attendance and participation at all events and submission of a detailed Daily Journal.

GSN430 New Venture Funding

Pre-requisites	GSN410 or GSZ410
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP4 (INT)

A key challenge for Entrepreneurs and their new ventures is obtaining sufficient financing to resource the venture through the seed, start-up and growth stages of the venture life cycle. This unit helps students to understand the resource requirements across the various states of both ‘lean’ and traditional start-ups and explores the financing options open to new ventures, how to attract financing, how to determine the best financing options for their venture and strategies for controlling and conserving cash to ensure the long term viability and sustainability of the enterprise.

GSN431 New Venture Growth and Transitions

Pre-requisites	GSN410 or GSZ410
Credit Points	6
Campus	null

Study after study shows that the vast majority of new entrepreneurial ventures fail prior to reaching maturity despite the potential of the new product or service and the passion, commitment and hard work of the business founders. Management's ability to make the transition from the new, small firm to a rapidly growing company is critical to its success. This unit provides students with the opportunity to learn about the strategic and organisational challenges associated with each phase of new venture growth cycle and to develop a suite of tools and techniques that can employ to manage the growth and transition of their own entrepreneurial ventures.

GSN444 Special Topic 1

Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP5 (INT), 2014 6TP4 (INT), 2014 6TP3 (INT), 2014 6TP1 (INT); 2014 6TP2 (INT)

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.

GSN445 Special Topic 2

Equivalents	GSZ445
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP5 (INT), 2014 6TP4 (INT), 2014 6TP3 (INT), 2014 6TP1 (INT); 2014 6TP2 (INT)

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
Teaching Periods	2014 6TP5 (INT), 2014 6TP4 (INT), 2014 6TP3 (INT), 2014 6TP1 (INT); 2014 6TP2 (INT)

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
Teaching Periods	2014 6TP6 (INT); 2014 6TP3 (INT)

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
Teaching Periods	2014 6TP6 (INT), 2014 6TP5 (INT); 2014 6TP1 (INT)

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
Equivalents	GSZ473
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP4 (INT)

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
Teaching Periods	2014 6TP2 (INT)

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
Teaching Periods	2014 6TP3 (INT)

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
Teaching Periods	2014 6TP2 (INT)

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
Teaching Periods	2014 6TP5 (INT)

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 & Nonprofit Organisations

Anti-requisites	GSN231
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP4 (INT)

This unit introduces students to an overview of financial reporting. The unit begins with an overview of the purpose of accounting and the types of financial statements that comprise a financial report. The unit also focuses on the Australian financial reporting framework and whether an Australian accounting standard for nonprofit organisations is required. International comparisons are made.

GSN487 Introduction to Social Enterprise

Anti-requisites	AMN482
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP3 (INT)

-

GSN488 Fundraising Development Principles

Anti-requisites	GSN232, MIN409, AMN481
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP4 (INT)

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. It re-examines the principles of fundraising/development, institutional readiness, case statement preparation, leadership, constituencies and research to build understanding of the context in which good development practice occurs.

GSN489 Fundraising Development Techniques

Pre-requisites	GSN488
Anti-requisites	GSN232, MIN409, AMN481
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP5 (INT)

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, gift clubs and the art of building donor relationships. It also examines professional evaluation of fundraising programs.

GSN490 Managing Technological Innovation

Pre-requisites	GSN405 and GSN410
Equivalents	GSZ490
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP3 (INT)

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
Teaching Periods	2014 6TP6 (INT); 2014 6TP3 (INT)

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
Teaching Periods	2014 6TP3 (INT)

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
Teaching Periods	2014 6TP5 (INT); 2014 6TP2 (INT)

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.

GSN499 Services Innovation

Pre-requisites	GSN405 and GSN490
Credit Points	6
Campus	null

Service innovations can enhance existing products and services and enable businesses to penetrate new markets, attract new customers, achieve higher margins, reduce costs and help to shape new ways of working with stakeholders to sustain competitive advantage. This unit explores the initiation and application of service innovation in varied contexts and new ways of creating value for the firm and its stakeholders. In particular the unit focuses on the importance of service innovation, how to manage the process of service innovation and some practical frameworks to guide decision-making at a strategic level.

GSN551 Negotiation Skills and Strategies

Equivalents	GSZ551
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP1 (INT)

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
Teaching Periods	2014 6TP6 (INT)

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
Teaching Periods	2014 6TP5 (INT)

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
Teaching Periods	2014 6TP4 (INT)

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.

GSN570 Integrated Workplace Project Part 1: Business Research Methods

Pre-requisites	GSN473 and GSN490
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP2 (INT)

The Integrated Workplace Project 1 – Business Research Methods unit is the first of two capstone units in the MBA program. This unit is designed to provide students with the opportunity to apply the learnings from the program in an integrated manner to address a complex work-based problem or a new or emerging business opportunity of interest to the student, their employer or a sponsoring organisation. This unit, specifically explores how to conduct effective business research and analysis for a real workplace situation.

GSN571 Integrated Workplace Project Part 2: Organisational Opportunities and Ventures

Pre-requisites	GSN570
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP3 (INT); 2014 6TP1 (INT)

-

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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 13TP3 (INT)

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.

GSZ403 Data Analysis and Decision Making

Pre-requisites	GSZ405

Anti-requisites	EFN409
Equivalents	GSN403
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP7 (BLK)

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 Canberra
Teaching Periods	2014 6TP4 (BLK); 2014 5TP3 (BLK)

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
Teaching Periods	2014 6TP2 (BLK)

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 Human Resource Management Issues

Equivalents	GSN406
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP6 (BLK); 2014 5TP9 (BLK)

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	Gardens Point
Teaching Periods	2014 6TP2 (BLK)

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 Fundamentals of Marketing Management

Equivalents	GSN408
Credit Points	6
Campus	null

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

Anti-requisites	MGN412
Equivalents	GSN409
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP5 (BLK)

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

Equivalents	GSN410
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP1 (BLK)

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	null

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
Teaching Periods	2014 6TP4 (BLK)

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

Equivalents	GSN415
Credit Points	6
Campus	null

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.

Units

GSZ416 Business Plans 1

Pre-requisites	GSZ405, GSZ410 and 84cp of EMBA units
Equivalents	GSN416
Credit Points	6
Campus	null

This unit offers students the opportunity to write a formal business plan for a new business venture or offshoot of an existing venture. As business planning is an intensive viability screening exercise in which the business planners must consider all strategic alternatives, students are required to choose a preferred 'business model' and analyse whether or not the proposed new venture appears to be viable. The business plan is a document that communicates this viability to an investor or other potential stakeholders in the new business and the structure and content of the business plan is crafted according to its intended role in a multi-stage communication process with the target reader.

GSZ428 International Study Tour

Equivalents	GSN428
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP3 (BLK)

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.

GSZ445 Special Topic 2

Equivalents	GSN445
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP2 (BLK)

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.

GSZ464 Systems Thinking for Managers

Equivalents	GSN464,GSZ502,GSN502
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP8 (BLK)

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,GSN526,GSZ526,GSZ556
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP4 (BLK)

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
Teaching Periods	2014 5TP8 (BLK)

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	Gardens Point
Teaching Periods	2014 5TP5 (BLK)

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
Teaching Periods	2014 5TP5 (BLK)

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	Gardens Point
Teaching Periods	2014 6TP4 (BLK)

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 it 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.

GSZ501 The Strategic Management of Complex Projects

Equivalents	GSN501
Credit Points	6
Campus	External
Teaching Periods	2014 5TP4 (EXT)

Complex projects are usually initiated to implement long range strategies in contexts of high complexity and uncertainty, where client outcomes are often emergent. This unit provides the fundamental skills that enable complex project managers to understand the project's strategic context and develop project strategies capable of delivering successful client outcomes. Strategic management competencies are developed through the application of strategic and systems concepts and frameworks to real-life case studies of complex projects.

GSZ502 Systems Thinking

Equivalents	GSN502

Units

Credit Points	6
Campus	External
Teaching Periods	2014 5TP4 (EXT)

Managers of complex projects deal with complex problems whose resolution requires holistic approaches, sophisticated thinking and pluralist methodologies. This unit provides foundational knowledge related to systems methodologies and their underpinning epistemologies that enable project managers to solve complex project problems in context. Students will acquire systems skills in a reflexive process involving the application of systems methodologies in isolation and in combination.

GSZ503 Self Realisation and Personal Development

Equivalents	GSN503, GSZ554
Credit Points	6
Campus	External
Teaching Periods	2014 5TP4 (EXT)

Self awareness provides a foundation for both personal and leadership development. This unit provides an opportunity for students to increase their understanding of themselves and how their interactions with others impact on their effectiveness as managers. Personal development is explored in the context of cultural understanding and ethics. This unit contributes to the core competencies of: Change and Journey; Innovation, Creativity and Working Smarter; Leadership; Culture and Being Human; and Probity and Governance; as it deals with the role, behaviour and development of the individual.

GSZ505 Communicating Effectively

Equivalents	GSN505
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP4 (BLK)

-

GSZ507 Developing and Leading High Performance Teams

Equivalents	GSN507
Credit Points	6
Campus	External
Teaching Periods	2014 5TP7 (EXT)

-

GSZ508 Organisational Behaviour and Culture

Equivalents	GSN508
Credit Points	6
Campus	External
Teaching Periods	2014 5TP7 (EXT)

-

GSZ509 Workplace Project 1

Equivalents	GSN509
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP4 (BLK)

-

GSZ510 Complex Projects and the Law

Equivalents	GSN510
Credit Points	6
Campus	External
Teaching Periods	2014 5TP7 (EXT)

-

GSZ512 Strategically Managing Risk

Equivalents	GSN512
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP4 (BLK)

-

GSZ513 Managing Innovation in Technology-Based Organisations

Equivalents	GSN513
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP7 (BLK)

-

GSZ515 Business Planning

Equivalents	GSN515
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP7 (BLK)

-

GSZ516 Negotiation and Mediation Strategies

Equivalents	GSN516
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP7 (BLK)

-

GSZ517 International Study Tour

Equivalents	GSN517
Credit Points	6
Campus	null

-

GSZ518 Implementation of Complex Projects

Equivalents	GSN518
Credit Points	6
Campus	null

-

GSZ519 Leadership for Results

Equivalents	GSN519
Credit Points	6
Campus	null

-

GSZ520 Planning and Implementing Change

Equivalents	GSN520
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP4 (BLK)

-

GSZ521 Managing Contract Relationships

Equivalents	GSN521
Credit Points	6
Campus	null

-

GSZ522 Accountability and Governance

Equivalents	GSN522
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP4 (BLK)

-

GSZ523 Stakeholder Engagement and the Media

Equivalents	GSN523, GSZ555
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP4 (BLK)

-

GSZ524 Capstone Integrating Workplace Project

Equivalents	GSN524
Credit Points	6
Campus	Gardens Point

Teaching Periods	2014 5TP4 (BLK)

-

GSZ526 Problem Solving in Complex Environments

Equivalents	GSN526, GSZ556
Credit Points	6
Campus	External
Teaching Periods	2014 5TP4 (EXT)

The mission of the DMO executive education program is to provide world class graduate business education and a stimulating learning experience to current and future business leaders and managers. The aim of this unit is to assist managers to develop knowledge and skills through investigating and experiencing problem framing and problem solving in situations of incomplete information. Exploration involves experience of the principles, processes and practices of creative problem solving and the use of entrepreneurial thinking to identify and capture opportunities for business renewal. This unit will help students to increase their understanding of the way in which insights from creativity and the field of entrepreneurship may be applied to complex project environments to generate opportunities and value.

GSZ527 Acquisition Strategies

Equivalents	GSN527
Credit Points	6
Campus	External
Teaching Periods	2014 5TP7 (EXT)

-

GSZ529 Intellectual Property Strategy and Management

Equivalents	GSN529
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP7 (BLK)

-

GSZ530 Sustainable Strategic Contracts and Suppliers

Equivalents	GSN530
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP4 (BLK)

-

GSZ531 International Contracts

Equivalents	GSN531
Credit Points	6
Campus	null

-

GSZ532 Contract Risk Allocation and Insurance

Equivalents	GSN532, GSZ555
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP4 (BLK)

-

GSZ533 Financial Analysis and Decision Making

Equivalents	GSN533
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP4 (BLK)

-

GSZ534 Building Organisational Capability

Equivalents	GSN534
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP7 (BLK)

-

GSZ551 Negotiation Skills and Strategies

Equivalents	GSN551
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP6 (BLK)

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.

GSZ552 The Sustainable Business

Equivalents	GSN552
Credit Points	6
Campus	null

-

GSZ553 Business Leadership Practicum

Pre-requisites	GSZ415
Equivalents	GSN553
Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 5TP2 (BLK)

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
Teaching Periods	2014 6TP5 (INT)

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	Gardens Point
Teaching Periods	2014 6TP3 (BLK)

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.

Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 6TP2 (BLK)

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 Planning for New Ventures

Equivalents	GSZ416, GSN416
Other requisites	114 CPs of Core EMBA units as approved by MBA Director including GSZ405 and GSZ410
Credit Points	6
Campus	null

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	Gardens Point
Teaching Periods	2014 6TP4 (BLK)

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	Gardens Point
Teaching Periods	2014 6TP5 (BLK)

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	Gardens Point
Teaching Periods	2014 6TP6 (BLK); 2014 6TP5 (BLK)

-

GSZ604 Navigating Risk, Ethics and Politics

Anti-requisites	GSN456
Credit Points	12
Campus	null

Decisions related to social responsibility, the safety of products and practices and the quality of the stakeholder relationships define the reputation of an organisation and impact on its potential for success. Managers, as leaders in decision making, require an understanding of complex issues, high-level interpersonal skills and the capacity to act with courage and wisdom in order to successfully navigate the challenges of their role.

GSZ605 Beyond Accounting: Strategically Managing Public Funds

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 6TP5 (BLK)

- This unit provides an holistic approach to the theory and practice of financial management, accounting and accountability in public sector agencies; examines the regulatory framework and the social and environmental pressures for financial reform; and considers aspects of budgeting, control and auditing.

GSZ606 Leading Strategic Initiatives and Programs

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 6TP5 (BLK)

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.

GSZ607 Developing and Delivering Complex and Contested Policy

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 6TP5 (BLK)

It is essential for high performance in a leadership role that strong capabilities in these areas are developed. The skills necessary for this role cannot be learnt through experience alone. This unit will pass on the wisdom of practitioners and academics to put you in the best position to take on these high stakes responsibilities.

GSZ608 Leadership of Strategic Supplier Relationships

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 6TP6 (BLK); 2014 6TP3 (BLK)

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.

HLB001 Health Needs of Aboriginal and Torres Strait Islander Australians

Pre-requisites	Successful completion of 96 credit points
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This Unit will provide students 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

Other requisites	Academic approval and successful completion of 96 credit points of study in your current course
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Units

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.

HLB300 Independent Study

Pre-requisites	Completion of 192cp
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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.

HLB400 Transition to Professional Practice

Credit Points	12
Campus	null

HLN004 Chronic Conditions Prevention and Management

Equivalents	PUN553
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

The unit introduces a range of factors that contribute to the development, prevention 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
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

This unit addresses a range of qualitative methodologies and methods that present as alternative approaches to the quantitative paradigm in health science research. The predominance of the natural sciences in nursing/health research has come into question in more recent times and thus the unit introduces students to the origins of such challenges, to the knowledge bases of alternative ways of investigating the social world of health/illness and to related research methods. The unit comprises a series of lectures, seminar presentations and relevant readings.

HLN700 Thesis

Credit Points	48
Campus	null

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
Teaching Periods	2014 SEM-1 (INT, EXT), 2014 SEM-2 (EXT, INT); 2014 SUM (INT)

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 A

Credit Points	24
Campus	null

Through undertaking a small project in a specified area, this unit provides you with the opportunity to consolidate, extend and apply the advanced knowledge and skills you have gained through your course to date.

HLN704 Project B

Pre-requisites	HLN703
Credit Points	24
Campus	null

An important aspect of postgraduate development is the opportunity to engage in research or project work in a specialist field of study in industry or as a component of consultancy work. Working in industry or a health-related agency, locally or internationally, can provide students with valuable work experience and develop skills and expertise that advances their profession or the particular industry involved. The research option enables students to work independently under the guidance of a supervisor. The research may be a report that makes a contribution to knowledge or a study in which the student critically analyses existing knowledge and produces observations and conclusions of value to the field concerned.

HLN706 Advanced Quantitative Research Methods

Pre-requisites	PUN105
Credit Points	12
Campus	null

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 for Health

Credit Points	12
Campus	null

Research Methods for Health provides practical training in research skills 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.

HLN708 Project

Credit Points	48
Campus	null

This 48 credit point project extends the range of applied investigative options for the Master of Health Science students to undertake. The project is designed to be a workplace-based unit that enables students to undertake a concentrated applied project in a specific area of interest in the workplace and to combine work and study requirements. It enables students to concentrate on a specific area of interest and to apply intellectual rigour to that area to complete a project of work at an advanced level.

HLN710 Epidemiology

Credit Points	12
Campus	null

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
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit offers you the opportunity to study, explore and understand a range of qualitative methods. The focus is on the development of rigorous qualitative research design and on planning and undertaking data collection, data analysis, interpretation and reporting of qualitative research. The aim is to advance student knowledge and skills in relation to the methods of qualitative research and to foster essential skills in collecting, coding, analysing and reporting qualitative research.

HLN720 Clinical Education in Health

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit is to introduces you to principles and practices designed to facilitate learning in the clinical context. Completion of the unit will enable you to differentiate between clinical supervision and clinical education, and relate to this to your own field of practice; demonstrate knowledge and understanding of models/theories of clinical education and their application within your own field of practice; demonstrate knowledge and understanding of concepts and principles related to learning, teaching

and assessment in the clinical context; apply concepts and principles related to clinical learning, teaching and assessment to your field of practice; reflect critically on your learning in this unit and its implications for your future practice.

HLN750 Thesis

Credit Points	24
Campus	null

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 Thesis

Credit Points	24
Campus	null

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.

HLP101 Advanced Discipline Readings

Pre-requisites	(HLP105. HLP105 can be studied in the same teaching period as HLP101) or (Admission into HL50 or HL51 or HL52 or HL55)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit is a compulsory component of the Faculty of Health Honours programs. It provides the opportunity for students to identify and review the literature relevant to their selected research topic. A one day seminar in advanced information retrieval skills is included in the unit.

HLP102 Research Seminars

Pre-requisites	HLP101
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit is a compulsory component of the Faculty of Health Honours programs. Content includes the preparation and completion of a seminar presentation in a professional and scientific manner and attendance at scheduled seminars.

HLP103 Dissertation

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This is a compulsory unit in the Faculty of Health Honours programs. It is broken into a number of components that are completed over successive semesters (as appropriate for full-time or part-time course structure). The dissertation study represents an independent piece of research completed with the guidance of a supervisor.

HLP103 Dissertation

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This is a compulsory unit in the Faculty of Health Honours programs. It is broken into a number of components that are completed over successive semesters (as appropriate for full-time or part-time course structure). The dissertation study represents an independent piece of research completed with the guidance of a supervisor.

HLP103 Dissertation

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This is a compulsory unit in the Faculty of Health Honours programs. It is broken into a number of components that are completed over successive semesters (as appropriate for full-time or part-time course structure). The dissertation study represents an independent piece of research completed with the guidance of a supervisor.

HLP103 Dissertation

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This is a compulsory unit in the Faculty of Health Honours programs. It is broken into a number of components that are completed over successive semesters (as appropriate for full-time or part-time course structure). The dissertation study represents an independent piece of research completed with the guidance of a supervisor.

HLP104 Readings in Biomedical Science

Pre-requisites	HLP101 and HLP105. HLP101 and HLP105 can be enrolled in the same teaching period as HLP104.
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

-

HLP105 Research Strategies 1

Co-requisites	HLP101
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

-

HLP106 Research Strategies 2

Pre-requisites	HLP104 and HLP105. HLP104 and HLP105 can be studied in the same teaching period as HLP106
Co-requisites	HLP107-3, HLP107-4
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

-

HLP107 Project 4

Pre-requisites	HLP107-1
Co-requisites	HLP106
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

-

HLP107 Project 3

Pre-requisites	HLP107-1
Co-requisites	HLP106
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

-

HLP107 Project 2

Pre-requisites	HLP107-1
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

-

HLP107 Project 1

Co-requisites	HLP105
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

-

HMB171 Fitness Health and Wellness

Credit Points	12
Campus	null

The dimensions and interrelationships of health, physical activity and wellness are studied. Basic principles of conditioning and exercise prescription necessary to demonstrate the impact of physical activity on lifestyle diseases, health behaviours and wellness are examined. Principles and theory of behaviour change are employed.

Units

HMB292 Health Education Curriculum Studies 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This is the initial unit in a series of three Health Education Curriculum units. Students are introduced to current health education curriculum documents with a specific focus on the Queensland Education System. The unit also provides students with a range of competencies for interpreting and managing the health education classroom as a complex social environment for teaching and learning.

HMB351 Wellness Coaching

Pre-requisites	HMB171 and HMB338
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

-

HMB396 Health Education Curriculum Studies 2

Pre-requisites	HMB292
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This is the second in a suite of three Health Education Curriculum units. It is designed to extend students with a range of understandings and competencies for interpreting and managing the health education classroom as a complex social environment for teaching and learning. It helps students to develop those competencies needed for planning and teaching health education units of work. It has an important role in preparing students for the professional practice component of the course, leading to the development of confidence and competence in class management skills, and facilitating the use of post-lesson and post-practicum reflection and evaluation.

HMB496 Health Education Curriculum Studies 3

Pre-requisites	HMB396
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit extends the principles of professional practice established in HMB292 and HMB396 and further encourages the development of a critically reflective approach to the teaching in that area. It emphasises planning and teaching in the senior secondary school and extends a student's ability to make independent judgments about curriculum decisions within syllabus guidelines and broader systems policies, while considering national and international trends in education and society. The unit also encourages exploration of current issues and emerging and future trends in subject areas.

IAB125 Social Technologies

Pre-requisites	INB350
Credit Points	12
Campus	null

IAB130 Databases

Anti-requisites	INN210
Equivalents	INB210, IND210, ITB004
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

From banking systems, to video games, mobile and cloud apps, databases underlie most of the systems we use today. They are crucial for ensuring information is persistent, reliable and efficiently accessed. This unit extends the basic database concepts from the foundation units and will cover database design and the use of database management systems for building applications. The unit will cover the main aspects of the relational model and SQL, along with introducing emerging alternatives to the relational approach, such as graph databases. This unit will prepare you to continue on to application development units and the data-centric computing minor.

IAB201 Modelling Information Systems

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Anti-requisites	INB301
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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. This unit will help you to explore these necessary commercial concepts by engaging you in planning the development of businesses which are primarily internet-based. By considering real case studies, you will be introduced to concepts which give you a practical approach to developing IT business initiatives. The concepts include internet revenue models, IT marketing, staff and capability building, IT strategy and innovative thinking.

IAB210 Databases

Anti-requisites	INN210
Equivalents	ITB004
Credit Points	12
Campus	null

IAB213 Innovation and Disruption

Pre-requisites	INB350
Credit Points	12
Campus	null

IAB215 Digital Transformation

Pre-requisites	INB350
Credit Points	12
Campus	null

IAB216 Social Enterprise

Pre-requisites	INB350
Credit Points	12
Campus	null

IAB230 Mobile and Ubiquitous Computing

Pre-requisites	IFB104
Equivalents	INB345
Credit Points	12
Campus	null

This unit provides the opportunity for exploring new and emerging ubiquitous computing technologies, wireless, and sensor technologies. Students will critically review and understand how they can be used for current contexts such as government, business, education and social community, as well as emerging 'wilderness' environments with no power and wired communication. Students will appreciate the impacts of these devices and be inspired for the current and future opportunities in ICT usage trends, to propose solutions for solving real challenges using mobile technologies.

IAB260 Social Technologies

Pre-requisites	IFB101
Credit Points	12
Campus	null

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.

Units

IAB270 Innovation and Disruption

Pre-requisites	IFB101
Credit Points	12
Campus	null

IT and business professionals are often involved in innovation with IT as a major driver and enabler of incremental changes as well as radical transformations. Innovation is seen as crucial for organizations and economies to survive and grow in dynamic environments. This unit offers you the opportunity to develop a deep understanding of innovation, in particular IT and digital innovation. This will be essential for any activity related to new ways of using IT, whether you are developing new technology or systems, improving business processes, implementing enterprise systems, managing IT projects, developing novel games or launching new ventures. Moreover, it also sets you on the path to become a thought leader on and catalyst of IT and digital innovation. This unit will introduce you to the core innovation concepts, models and theories. It will pay special attention to different ways to innovate, the (IT) innovation process, what makes IT innovations successful, and what is required for digital innovation. You will demonstrate, higher-order, critical thinking by analysing and evaluating real-world cases about problems of and opportunities for (IT) innovation and developing and evaluating a conceptual solution for an innovation problem or opportunity in the form of an innovation system that support the innovation process in a new way by using IT. The "Innovation and Disruption

IAB271 Innovation and Disruption

Pre-requisites	IFB101
Credit Points	12
Campus	null

The ongoing technological advances need to result in products and services that create value for individuals and organizations. This unit will introduce you to the fundamental innovation process from the perspectives of the provider and the user. It will also address how to understand disruptive technologies and translated them in new business opportunities.

IAB302 Information Systems Consulting

Pre-requisites	IAB205 and IAB204
Equivalents	INB322
Credit Points	12
Campus	null

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.

IAB320 Business Process Improvement

Pre-requisites	IAB203
Equivalents	INB321
Credit Points	12
Campus	null

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	null

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.

IAB322 Business Process Technologies

Credit Points	12
Campus	null

IAB330 Mobile Application Development

Pre-requisites	IAB230 and CAB201
Credit Points	12
Campus	null

This unit will focus on the beginner to intermediate concepts for mobile development, using iOS and Windows Phones platforms as case study. It covers the native programming language, basic data persistence and views, access and manipulation of Web API (or cloud services), map and navigation, gesture interactions, as well as debugging and performance tweaking. All of these skills and knowledge, and the steps for internal ad-hoc distribution and commercial deployment are meant to kick-off the journey of creating real world mobile apps. . While prerequisite skills in programming is necessary, the unit will emphasise on the use of designer-friendly prototyping tools, including graphical interface for the creation of user interface (e.g. Interface Builder for iOS), and user interface markup languages (e.g. XAML for Windows platforms).

IAB345 Mobile and Ubiquitous Computing

Credit Points	12
Campus	null

IAB350 Enterprise Systems Configuration

Pre-requisites	IAB202
Credit Points	12
Campus	null

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	IAB202
Credit Points	12
Campus	null

This unit will address the knowledge, skills and challenges of understanding and assisting organisations in adopting cloud computing and transforming business through 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 IT professional roles related to cloud adoption and practice.

IAB352 Enterprise Systems Configuation

Anti-requisites	INN311
Credit Points	12
Campus	null

IAB360 Social Enterprise

Pre-requisites	IAB260
Credit Points	12
Campus	null

Social enterprise brings together all the talents, interests, experience, insights, and knowledge of people in ways that are independent of the vertical top to bottom hierarchy, or end to end process orientation. For example, organizations, large and small, must evolve into social enterprises, using social media to foster deep productive collaboration with employees, customers and other stakeholders in their value chain. The aim of this unit is to understand how to identify and derive value from a community and consistently use social technologies for defined processes and collaboration. You will not only gain

knowledge and expertise in implementing social media to solve problems and to engage people but will also learn how to consistently use social technologies to facilitate social enterprise in the value chain, business support, and business ventures.

IAB450 Enterprise Systems Management

Pre-requisites	IAB350
Credit Points	12
Campus	null

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 and 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

Equivalents	INB101, IND103
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 including personal, social, ethical, organisational, political and cultural. Case studies across a variety of domains (e.g. health, education, transport, media or banking) 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.

IFB102 Computer Technology Fundamentals

Equivalents	INB102, IND102
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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

Equivalents	INB182
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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

Equivalents	INB104, IND104, ITB001
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

IFB299 Application Design and Development

Pre-requisites	(IFB103 or INB103) and (CAB201 or IAB201)
Equivalents	INB201
Credit Points	12
Campus	null

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.

IFN001 Advanced Information Retrieval Skills

Credit Points	4
Campus	Gardens Point, Kelvin Grove and External
Teaching Periods	2014 SEM-1 (BLK, EXT, INT)

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.

IFP100 Knowledge Transfer and Research Commercialisation

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

-

IFP110 R&D Management Project 1

Credit Points	24
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (EXT)

The R & D Management Project can include any topic within the overall boundaries of the program as it is structured around a learning agreement between a student and a project supervisor. This learning agreement is drafted by the student and negotiated with a supervisor chosen for their ability to supervise in the general topic area.

IFP111 R&D Management Project 2

Credit Points	24
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (EXT)

The R & D Management Project can include any topic within the overall boundaries of the program as it is structured around a learning agreement between a student and a project supervisor. This learning agreement is drafted by the student and negotiated with a supervisor chosen for their ability to supervise in the general topic area.

IFP112 Introduction to Intellectual Property and Research

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

The global economic impact and significance of the management of intellectual property (IP) cannot be underestimated. Excellent skills and management practices applied to the use of intellectual property are key requirements in the context of early research, innovation and a knowledge economy. Indeed many federal governments and national funding agencies have recognised this and now require formal standards of IP management in order to maximise innovation outcomes. Intellectual property development and its management takes place in both public and private sector contexts, and facilitates the delivery of the economic, social and cultural benefits expected of research. This unit provides a number of the critical foundational concepts and practices in intellectual property processes which form the basis for key skills required by a research manager, commercialiser or entrepreneur.

Units

IFT601 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT602 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT603 Thesis

Credit Points	0
Campus	Kelvin Grove and Gardens Point

IFT611 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT612 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT613 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT614 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT615 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT621 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT622 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT631 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT632 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT633 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT634 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT635 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT636 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT637 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT641 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT661 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT662 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT663 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT664 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT665 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT667 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT671 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT681 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT682 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT683 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT691 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT692 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT693 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT694 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT695 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT696 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT801 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT802 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

Units

IFT803 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT811 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT812 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT813 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT814 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT815 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT821 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT822 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT831 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT832 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT833 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT834 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT835 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT836 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT837 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT841 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT861 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT862 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT863 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT864 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT865 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT867 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT871 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT881 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT882 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT883 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT891 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT892 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT893 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT894 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT895 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFT896 Thesis

Credit Points	0
Campus	Gardens Point and Kelvin Grove

IFX001 Exchange Program - Science and Engineering

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX002 Exchange Program - Science and Engineering

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

Units

IFX003 Exchange Program - Science and Engineering

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX004 Exchange Program - Science and Engineering

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX005 Exchange Program - Science and Engineering

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX006 Exchange Program - Science and Engineering

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX007 Exchange Program - Science and Engineering

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX008 Exchange Program - Science and Engineering

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX011 Exchange Program - Information Technology

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX012 Exchange Program - Information Technology

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX013 Exchange Program - Information Technology

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX014 Exchange Program - Information Technology

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX015 Exchange Program - Information Technology

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX016 Exchange Program - Information Technology

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX017 Exchange Program - Information Technology

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX018 Exchange Program - Information Technology

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX021 Exchange Program - Science and Engineering (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX022 Exchange Program - Science and Engineering (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX023 Exchange Program - Science and Engineering (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX024 Exchange Program - Science and Engineering (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX025 Exchange Program - Science and Engineering (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX026 Exchange Program - Science and Engineering (PG)

Credit Points	12
Campus	EXCHANGE and External

Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX027 Exchange Program - Science and Engineering (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX028 Exchange Program - Science and Engineering (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX101 Exchange Program - Creative Industries

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX102 Exchange Program - Creative Industries

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX103 Exchange Program - Creative Industries

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX104 Exchange Program - Creative Industries

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX105 Exchange Program - Creative Industries

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX106 Exchange Program - Creative Industries

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX107 Exchange Program - Creative Industries

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX108 Exchange Program - Creative Industries

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX121 Exchange Program - Creative Industries (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX122 Exchange Program - Creative Industries (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX123 Exchange Program - Creative Industries (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX124 Exchange Program - Creative Industries (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX125 Exchange Program - Creative Industries (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX126 Exchange Program - Creative Industries (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX127 Exchange Program - Creative Industries (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX128 Exchange Program - Creative Industries (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX201 Exchange Program - Health

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

Units

IFX202 Exchange Program - Health

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX203 Exchange Program - Health

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX204 Exchange Program - Health

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX205 Exchange Program - Health

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX206 Exchange Program - Health

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX207 Exchange Program - Health

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX208 Exchange Program - Health

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX221 Exchange Program - Health (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX222 Exchange Program - Health (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX223 Exchange Program - Health (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX224 Exchange Program - Health (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX225 Exchange Program - Health (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX226 Exchange Program - Health (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX227 Exchange Program - Health (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX228 Exchange Program - Health (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX301 Exchange Program - Business

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX302 Exchange Program - Business

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX303 Exchange Program - Business

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX304 Exchange Program - Business

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX305 Exchange Program - Business

Credit Points	12
Campus	EXCHANGE and External

Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX306 Exchange Program - Business

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX307 Exchange Program - Business

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX308 Exchange Program - Business

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX311 Exchange Program - Foreign Language

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX312 Exchange Program - Foreign Language

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX313 Exchange Program - Foreign Language

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX314 Exchange Program - Foreign Language

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX315 Exchange Program - Foreign Language

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX316 Exchange Program - Foreign Language

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX317 Exchange Program - Foreign Language

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX318 Exchange Program - Foreign Language

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX321 Exchange Program - Business (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX322 Exchange Program - Business (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX323 Exchange Program - Business (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX324 Exchange Program - Business (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX325 Exchange Program - Business (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX326 Exchange Program - Business (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX327 Exchange Program - Business (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX328 Exchange Program - Business (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

Units

IFX401 Exchange Program - Law

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX402 Exchange Program - Law

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX403 Exchange Program - Law

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX404 Exchange Program - Law

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX405 Exchange Program - Law

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX406 Exchange Program - Law

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX407 Exchange Program - Law

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX408 Exchange Program - Law

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX409 Exchange Program - Law

Credit Points	12
Campus	External
Teaching Periods	2014 XCH-2 (EXT)

IFX410 Exchange Program - Law

Credit Points	12
Campus	External
Teaching Periods	2014 XCH-2 (EXT)

IFX411 Exchange Program - Justice Studies

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX412 Exchange Program - Justice Studies

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX413 Exchange Program - Justice Studies

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

IFX414 Exchange Program - Justice Studies

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX415 Exchange Program - Justice Studies

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX416 Exchange Program - Justice Studies

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX417 Exchange Program - Justice Studies

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX418 Exchange Program - Justice Studies

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX421 Exchange Program - Law (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX422 Exchange Program - Law (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

Units

IFX423 Exchange Program - Law (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX424 Exchange Program - Law (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX425 Exchange Program - Law (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX426 Exchange Program - Law (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX427 Exchange Program - Law (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX428 Exchange Program - Law (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX501 Exchange Program - Education

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX502 Exchange Program - Education

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX503 Exchange Program - Education

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX504 Exchange Program - Education

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX505 Exchange Program - Education

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX506 Exchange Program - Education

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX507 Exchange Program - Education

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX508 Exchange Program - Education

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX521 Exchange Program - Education (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX522 Exchange Program - Education (PG)

Credit Points	12
Campus	EXCHANGE and External

This exchange unit is only available for selection to students on an approved exchange program.

IFX523 Exchange Program - Education (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX524 Exchange Program - Education (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX525 Exchange Program - Education (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX526 Exchange Program - Education (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to

students on an approved exchange program.

IFX527 Exchange Program - Education (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFX528 Exchange Program - Education (PG)

Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

IFZ448 Thesis

Credit Points	48
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

IFZ948 Thesis

Credit Points	48
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

INB101 Impact of IT

Anti-requisites	INN101
Credit Points	12
Campus	null

You will gain an appreciation of the massive and positive impact that IT has had on a wide range of fields including business, science, engineering, education and health. You will learn about the benefits of increased productivity due to IT. You will consider ethical issues and possible negative impacts of IT. You will raise your awareness of the social implications of IT systems for society at the global, local and personal levels. You will develop an informed position on issues, and justify your reasoning with considered supportive arguments.

INB102 Emerging Technology

Equivalents	ITB005
Credit Points	12
Campus	null

The aim of this unit is to provide you with a conceptual framework to understand the technologies that enable IT. This will be a fun exploration of a wide spectrum of ideas where we will examine some currently popular technologies, their history and their future. Information Technology has become so entwined with everyday life that identifying its scope is difficult, which also makes it difficult to identify opportunities where IT might further infiltrate into our daily lives for work and play. To achieve these aims, the unit introduces you to some of the theories and engineering practicalities that have produced recent technological advances in IT. Concepts leading to existing technologies are introduced during lectures, which are followed by laboratory sessions where you will be encouraged to discuss social change, future information tools and explore the concepts required for constructing these technologies.

INB103 Industry Insights

Equivalents	ITB002
Credit Points	12
Campus	null

This unit aims to develop your awareness of the career possibilities in the ICT industry and to equip you with some of the essential skills required of an ICT professional. The unit helps you to derive a roadmap for your career; to enable you to identify the qualities, skills and interests you need to possess, to plan your career path. The unit will also introduce you the inter-disciplinary nature of ICT careers.

INB104 Building IT Systems

Equivalents	ITB001
Credit Points	12
Campus	null

Today's modern integrated technology is built on IT systems which run in a range of contexts (e.g. mobile computing, robotics, and web-based systems) using a range of technological solutions such as programming and scripting, databases, web development and network programming. This unit is an integrated introduction to information technology designed to engage, inspire and inform and will demonstrate the important role that technical system design and development plays in achieving robust operation of a large variety of technological solutions. This unit will give you substantial hands-on, practical learning experiences and will motivate you through engagement in the creative, explorative and meaningful development of technological artefacts that operate in real world contexts.

INB120 Corporate Systems

Anti-requisites	ITB360
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit has the aim to introduce you broadly to your field of study and to assist you in identifying an appropriate study career path that suits your skills and interest. To that end, this unit aims to give you a broad overview of the nature and role of socio-technical information systems in corporate business settings, and the role that corporate systems managers perform within the major business domains in which they operate.

INB122 Organisational Databases

Anti-requisites	INN122
Equivalents	ITB362
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to teach students how databases and database-driven websites are used in organisational environments, their role in information technology, the importance of the information architecture behind the external representation of a database, issues of security, privacy, accessibility, and the social and ethical implications around databases.

INB123 Project Management Practice

Anti-requisites	INN500
Equivalents	IAB304
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

In your information technology career it is very likely that you will work on and lead project teams to achieve business outcomes. You will achieve more effective outcomes by employing a project management method.

INB124 Information Systems Development

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

IT professionals work with a wide variety of information systems and are increasingly required to interact with other professionals and understand business domains. In many cases it is necessary to develop custom systems to satisfy business requirements. Problem solving and communication skills and an understanding of programming concepts and logic are required to effectively work with information systems developers. In this dynamic industry, self-managed learning is necessary to remain abreast of technology innovations.

INB180 Computer Games Studies

Anti-requisites	INN180
Equivalents	ITB750
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

INB181 Introduction to Games Production

Anti-requisites	INN181
Equivalents	ITB751, ITN751
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

-

Units

INB182 Introducing Design

Equivalents	DEB101
Credit Points	12
Campus	null

Please note: this unit is only available to BGIE (Bachelor of Games and Interactive Entertainment) students. The act of designing is a common link between many disciplines such as game design, software design, animation and character design, architecture, industrial design, etc. This unit offers a broad and generic introduction to the act of designing in a discipline context free environment. This unit is designed to expose you to a range of experiences not possible within the confines of the usual university routine. It also calls upon you to exert physical and mental efforts that may be different in degree and nature to your usual coursework. Through these opportunities this unit seeks to introduce to you the ways of thinking like a designer.

INB201 Scalable Systems Development

Pre-requisites	(INB102 or IFB102 or ITB005) and (INB104 or IFB104 or ITB001)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Information technology is a key enabling tool in a rapidly evolving global economy. IT systems underpin innovation across a range of application areas including business, economics, science, engineering, education and the arts. In order to educate graduates in this climate, Scalable Systems Development adopts an integrated approach to provide broad hands-on experiences designed to orient students to the range of possibilities within the IT discipline. This team-based unit is an extension of project work introduced in Building IT Systems. Within a concrete, project-based context students will encounter the practical challenges of designing and implementing a substantial IT system. The unit aims to increase students' awareness of the potential of IT in enabling innovation through providing active, constructive and challenging problem-based learning experiences.

INB204 Special Topic 1

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Smart phones have become ubiquitous in daily aspects of people's lives, not only as a cellular phone but also as a media player, a computing device, and a personal assistant. Many advanced capabilities in the relatively small devices are made possible by applying computing and information processing to multimedia data, including signal processing and machine learning techniques. Real world examples include speech recognition for controlling device, camera for taking and sharing photos, accelerometer for playing games. This special topic unit introduces a range of development tools and techniques to process input sensors in mobile phone and to analyse mobile data. For example, students will learn to develop computer vision tools for mobile applications using OpenCV to recognise objects and faces from video inputs and understand the basic technique of data mining using mobile data.

INB210 Databases

Anti-requisites	INN210
Equivalents	ITB004
Credit Points	12
Campus	null

Databases and database systems are essential items that support many aspects of everyday life in modern society. All graduates from a course in Information Technology will be expected by employers to understand the concepts and terminology of databases. The aim of this unit is to introduce you to the structure and role of databases in modern organisations.

INB220 Business Analysis

Anti-requisites	INN220
Equivalents	ITB008
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit is aims to give you an introduction to the role, knowledge, and skills required of a business analyst. This unit focuses on both the trades—tools and methods used by a business analyst, as well as the soft skills—creativity and communication, both of which are critical to successful business and requirements analysis. Through lectures, cases studies and role playing activities, you will develop basic knowledge and skills required for introductory business analysis (BA).

INB221 Technology Management

Pre-requisites	INB103 or ITB002 or INB120 or ITB360
Anti-requisites	ITN241, ITN251 and ITN366
Equivalents	ITB366, ITB241
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit presents operational, tactical and strategic insights that support the activities central to the leadership and management of technology. These insights include project management, organisational leadership, outsourcing, planning, governance and millennium technologies. Such insights are used to inform decision-making - the core skill of any manager. Technology managers must understand the factors influencing any decision point. This unit equips students for the challenges of management and to contribute to the decision-making faced by managers and the staff who advise on these issues.

INB222 Enterprise Architecture

Pre-requisites	INB101
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Enterprise Architecture is the means by which companies align business practice and IT. It typically includes information such as the organisational structures and functions of a company, business services, processes, and data objects, and the IT landscape by way of software applications, platforms and infrastructure. These are captured through different modelling techniques and put in the different layers of the enterprise architecture. Through an enterprise architecture, a company can govern its IT existing solutions, and acquire or develop new IT solutions.

INB250 Foundations of Computer Science

Credit Points	12
Campus	null

Contemporary computer-based systems are built from a wide range of technologies working at different levels of abstraction, from microprocessor hardware, to operating system and application software, to entire communications networks. At each abstraction level different techniques are needed to understand emergent properties of the system. This unit introduces some of the foundational principles commonly used to reason about the behaviour of computer-dependent systems at different levels of abstraction. Most of the techniques are derived from the field of Discrete Mathematics and are the foundation of the discipline called Computer Science.

INB251 Networks

Anti-requisites	INN251
Equivalents	IND251, ITB006
Credit Points	12
Campus	null

Computer systems and communications networks are essential to the activities of modern organisations. When you graduate from a course in Information Technology, employers expect you to have a sound understanding of the terminology and concepts of computer systems, communications networks, and network services. This unit provides you with an introductory study of communications network technologies and network applications. The unit serves as an entry point to further specialised studies in the field of computer network systems.

INB255 Security

Anti-requisites	ITB161, ITB523, ITB623, ITN161 and INN255
Equivalents	ITB730
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit aims to give you an understanding of the major issues in information security. You will be able to identify critical information security concepts and determine the information security implications of interactions between entities. You will have knowledge of a range of techniques for protecting information, and understand the limitations of these techniques. You will be aware of international information security management standards.

INB270 Programming

Pre-requisites	INB104 or ENB246
Anti-requisites	INN270
Equivalents	ITB003
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit aims to give you a positive introduction to the skills required in solving computational problems and implementing solutions in a programming or scripting language. Although some theoretical aspects of computer programming are introduced briefly, the overall emphasis of the unit is programming practice. The unit emphasises generic programming concepts and related problem-solving strategies. The skills you

learn in this unit will be applicable to a wide variety of commonly-used, industrially-significant programming and scripting languages.

INB271 The Web

Pre-requisites	INB104
Anti-requisites	INB373 and INN373 and ITB227 and ITN007 and ITN227 and INN271
Equivalents	ITB007
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aims of the unit are to give you a thorough understanding of what the web is, how it works and what it has to offer. Additionally, the unit aims to give you a general understanding and basic skills in developing dynamic web applications, including an appreciation of the variety of implementation technologies available. Through an understanding of how web technologies have evolved to date, you will appreciate the necessity for lifelong learning and become an insightful predictor of future developments in this area. You will learn to critically analyse technological alternatives in order to adapt to and innovate with technologies that presently do not exist. You will appreciate the business or organizational context within which web applications exist and be skilled in communicating within that environment. You will appreciate the social and ethical issues relating to web based systems including accessibility, globalization, privacy, and piracy.

INB272 Interaction Design

Pre-requisites	INB103 or INB181
Equivalents	ITB254
Credit Points	12
Campus	null

The aim of this unit is to provide you with an understanding of the theory, practices and challenges associated with the development of creative interactive design and human computer interaction.

INB280 Fundamentals of Game Design

Pre-requisites	INB180
Equivalents	ITB016, ITN016
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

INB281 Advanced Game Design

Pre-requisites	INB280
Equivalents	ITB017
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit will provide you with theoretical and practical knowledge of advanced games design concepts; that is, specific activities undertaken by game designers and their purpose. By the end of this unit you will have the knowledge to identify problems and suggest solutions for innovative game designs, as well as understand how to carry out the process of designing a game yourself. You will possess practical and theoretical knowledge of game design issues such as: how to design a game level, how to design a task and reward a player for completing it, how to ensure that the player knows how to progress through the game and how to design characters whose behaviour and dialogue provide clues and prompts to the player.

INB282 Games Level Design

Pre-requisites	INB281
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

-

INB300 Professional Practice in IT

Pre-requisites	INB201
Anti-requisites	ITS020, INS010, INS011, INS012, INS020
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

In this unit you will have the opportunity to experience real world work experiences and to reflect on how your studies have prepared you for the work environment. This will give you the opportunity to plan on how to best take advantage of your remaining studies to prepare for your planned career. To help you to understand your future career you will be working in a team and/or group environments, seeing firsthand the challenges and constraints that arise during professional practice in a real world industry environment. You will develop a richer appreciation of the graduate capabilities required of all information technology professionals, particularly skills such as communication, negotiation and problem-solving strategies.

INB301 The Business of IT

Anti-requisites	ITB009, IAB202
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

As an IT professional you are more and more evaluated in terms of the business value that you produce. This unit will prepare you for professional practice by making you "business savvy," i.e. giving you the business knowledge and skills that will help you with your future career and job. In particular the unit will address three themes: (1) basic business concepts (in relation to IT), (2) the strategic context (and the impact of IT), and (3) IT from a business perspective. You will apply your business knowledge and skills to real world cases in a contemporary IT setting, for example launching a new app and digital marketing.

INB302 IT Capstone Project

Pre-requisites	INB301
Equivalents	ITB010
Credit Points	12
Campus	null

Students are to work together in a team of 4-5 on a project that addresses one of the following three types of problems: real business problems, real market needs, real research problems. This unit extends students' development of the professional, technical and teamwork skills required by IT professionals in practice. Students will extend their knowledge and skills in the areas of IT project management through completing professional project documentation and managing the team project. Students will also gain a greater understanding and skill level in analysis and design, and their significance in delivering successful business or research outcome. The unit also focuses on furthering students' professional skills in report writing, oral communication, and visual communication.

INB304 Special Topic 3

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The unit aims to give students an understanding of why future hardware will be increasingly parallel and the challenge this poses for the software development community. The unit aims to give students a basic understanding of this parallel hardware and practical skills in parallelizing programs using today's best tools and techniques, backed up by basic parallel programming principles.

INB305 Special Topic 4

Pre-requisites	INB311 or INB312
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SUM (INT)

Topic for Summer 2014: Customer Relationship Management Systems This unit builds on your previous knowledge of Enterprise Systems (Selection & Implementation or Application). You will investigate and explore different aspects of how corporations can employ CRM systems, covering marketing and planning, campaign management, e-marketing, customer lifecycle management, retention management, CRM service orchestration, lead management, analytics, customer segmentation, service order support and customer processing. Both conceptual and practice-based content will be critiqued in the unit. Your learning is enhanced through a combination of practical exercises, review of case studies and industry speakers. We will use the SAP CRM system for hands-on exercises as an exemplar of a CRM system.

INB306 Project 1

Pre-requisites	INB101, INB102, INB103, INB104 and INB201
Equivalents	ITB230
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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.

INB308 Project 3

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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	INB101 and INB102 and INB103 and INB104 and INB201
Equivalents	ITB844
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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.

INB309 Major Project

Pre-requisites	INB309-1 (can be enrolled in the same teaching period)
Anti-requisites	ITB844
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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.

INB311 Enterprise Systems

Anti-requisites	INN311
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The unit presents and discusses the Enterprise Systems Lifecycle model, orienting students to the requirements of addressing total cost of ownership, change management requirements and process modelling requirements in order to achieve business benefits. Concepts of Enterprise Systems success and associated enablers and barriers are also introduced. This unit introduces the technical architecture of complex 3-tiered client server environments. It seeks to show how an integrated complex database environment meets common business needs, and yet fails to meet the total Information Systems requirements.

INB312 Enterprise Systems Applications

Anti-requisites	ITB233, INN312
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to introduce business configuration aspects of a large Enterprise Systems (also refered to as ERP systems) application. The unit commences with an introduction to concepts of large system implemenattions, requirements gathering and analyses. The unit then teaches how to configure a large Enterprise Systems application (using SAP) for common business processes in an organization. The course also aims to provide hands-on experience of configuring a range of SAP modules. The unit enables you to experience both the business analyst view and the user's view of the system across a number of business processes.

INB313 Electronic Commerce Site Development

Equivalents	ITB260
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

-

INB320 Business Process Modelling

Equivalents	ITB298
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The aim of this unit is to introduce you to modern methodologies of business process modelling. A main objective is to increase your awareness of the conceptual foundation of modelling and for the capabilities of BPMN and available tools. You will learn how to use grammars and tools to build, maintain and communicate practically relevant process models.

INB321 Business Process Improvement

Anti-requisites	INN321
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to introduce you to modern methodologies of Business Process Management. A main objective is to increase your awareness of the close link between business requirements and IT capabilities, and the related fundamental role of business processes. This unit also seeks to develop logical thinking, an appreciation for conceptual models, and the capability to understand and deal with complex systems.

INB322 Information Systems Consulting

Anti-requisites	ITB264, ITN264, INN322
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of the unit is to develop your skills in the consulting engagement process. This unit will give you an appreciation of the management of consulting practices and an understanding of the consulting sector generally. This unit presents the tactical and strategic issues involved in management consulting, and in particular: client engagement. In the unit there is an emphasis on Information Systems (IS) related work. IS constitutes a substantial portion of consulting activity and cuts across all areas of business expertise. The unit examines the dynamics of IS consulting within the context of large consulting firms and familarises students with the consulting engagement lifecycle.

INB324 Business Process Analytics

Pre-requisites	INB320
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit will introduce you to a number of state-of-the-art business process intelligence techniques that can be used at different stages of a business process life cycle. The unit will also discuss the design

requirements for executable process models and strategies for business process improvement.

INB325 Corporate Systems Management Project

Anti-requisites	ITB370
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The ability to apply knowledge and skills to real-life situations is essential for information systems 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 management. This unit seeks to give you the opportunity to apply, under appropriate guidance, the knowledge and skills gained in your course to date and to execute a substantial Information Systems development project.

INB335 Information Resources

Anti-requisites	INN335
Equivalents	ITB322
Credit Points	12
Campus	null

This unit will help you to understand the structure of the information environment, to reflect upon the information resources you discover, and to develop the ability to find appropriate information for future problem solving. You will develop your skills in identifying, accessing, evaluating and retrieving information resources to meet specific information needs. The unit will also help you develop skills in teamwork and oral and written communication.

INB340 Database Design

Pre-requisites	INB210 or ITB004
Anti-requisites	ITB229
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to help you develop your knowledge, understand a formal specification tool (ERM/ORM) for modelling information systems unambiguously and to apply this formal technique to conceptualise information systems found in many real world application domains.

INB341 Software Development With Oracle

Pre-requisites	IAB130 or INB210 or ITB004 or INB122
Equivalents	ITB223
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit aims to develop a sound understanding of database creation, installation, administration, management, security, back up/recovery and application development. The unit aims to develop practical skills in each of these elements, using appropriate Oracle software. It is expected that students undertaking this unit will have prior knowledge of relational database terminology and concepts, be thoroughly able to develop SQL for querying, updating and creating tables, and have a sound knowledge of database design.

INB342 Enterprise Data Mining and Data Analysis

Pre-requisites	INB122 or INB210 or INB340
Anti-requisites	INN342
Equivalents	ITB239
Credit Points	12
Campus	null

This unit will provide a comprehensive theoretical coverage of various topics in data and web mining. In addition there will be a significant practical component using hands on tools to solve real-world problems. Specifically, we will consider techniques from machine learning, data mining, text mining, and information retrieval to extract useful knowledge from data which are used for business intelligence, document databases, site management, personalization, and user profiling. This unit will first cover a detailed overview of the mining process and techniques, and then concentrate on applications of these techniques to web, e-commerce, document databases and data from advanced applications.

INB343 Data Warehousing and Mining

Pre-requisites	INB210
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit teaches the foundations of data warehousing and mining for producing systems that provide valuable services and decision support to busuness companies. Through this study, you will be able to demonstrate knowledge of the principles and techniques of data warehouse architecture and schema, OLAP and data cubes, ETL and data quality, patterns and sequences mining, association analysis, and decision tables. You will also be able to use and develop smart data services for business intelligence.

INB344 Search Engine Technology

Pre-requisites	INB371
Credit Points	12
Campus	null

Search engines are becoming ubiquitous not only for finding web pages but also as a key part of companies' infrastructure. Database systems only allow access to structured data which are only the tip of the iceberg of the vast amount of information that also sits in unstructured files such as word documents, reports, email messages, etc. Industry is now realising the high value of this free text information and deploying the means to use it. Processing this information requires natural language processing for extracting meaningful relations and semantics as well as efficient indexing processes that together compose search engine technology. Today, search technology is a hot area of research and development with applications in data warehousing, e-commerce, digital libraries, bioinformatics, and web information systems in general.

INB345 Mobile and Ubiquitous Computing

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit provides the opportunity for exploring new and emerging mobile devices and wireless technology including iPhone, Netbook, 3G, WiMax, and RFID. Students will critically review and understand how they can be used for current contexts such as government, business, education and social community, as well as emerging 'wilderness' environments with no power and wired communication. Students will appreciate the impacts of these devices and be inspired for the current and future opportunities in ICT usage trends.

INB346 Enterprise 2.0

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Web technologies and applications are reshaping contemporary organisations. By 2009 it has been predicted that more than 80% of organisations will have blogs and more than 50% of organisations will have wikis as part of their business solutions and strategies. Furthermore, with the advent of Cloud Computing, many companies are outsourcing key business functions to external web applications. The successful contemporary organisation requires expertise in not just business and management practice but in the critical design, use and consequences of new and emerging technologies. This unit will explore the ways in which IT has impacted on how organisations design and deliver activities and services internally and externally. The aim of this unit is to provide you with an understanding of how web 2.0 is changing the way contemporary organisations function.

INB347 Web 2.0 Applications

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Web 2.0 applications enable the user to be control. The unit will provide the opportunity for students to explore web 2.0 applications including blogs, wikis, social networking, social tagging, podcasts, gaming, storytelling and virtual worlds such as second life. Students will critically consider the many and varied web applications and how they can be used in different contexts such as government, small and medium size businesses, non-profit organisations, educational institutions and community groups.

INB348 Mobile Application Development

Pre-requisites	INB370 or INB371
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

-

INB350 Internet Protocols and Services

Pre-requisites	INB251 or ITB006 or ITB510
Anti-requisites	ITB624, ITB629, ITN525, ITN667, ITN720
Equivalents	ITB720
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

An understanding of the theoretical and practical concepts of network protocols and services is highly useful and relevant to network engineers and others working in the Information Processing industries. This unit introduces you to Internet protocols and the design, implementation and operation of network based applications. Theory and practical skills taught in this unit will be useful if you intend undertaking further networking units.

INB351 Unix Network Administration

Pre-requisites	INB350
Equivalents	ITB721, ITB625, ITB535, ITB525
Credit Points	12
Campus	null

The aim of this unit is to provide students with a working knowledge of the technical aspects and theory of network administration and management. The unit uses the Unix environment as the learning platform for attaining technical skills and for the development of problem solving skills necessary to be a successful networking professional.

INB352 Network Planning

Pre-requisites	INB350
Anti-requisites	ITB551, ITB628, ITB722, INN352, ITN551, ITN722, ENN523
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The unit draws together subject matter from a number of different networking-related areas. The aim of the unit is to assemble the previously acquired knowledge and techniques and apply it in a cohesive fashion to the task of network planning.

INB353 Wireless and Mobile Networks

Pre-requisites	INB251 or ITB006
Anti-requisites	ITN723
Equivalents	ITB723
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit provides you with the skills to be able to design and understand the issues involved with different types of wireless communications systems. It develops your knowledge of Wide Area Networks (WANs), Local Area Networks (LANs) and Personal Area Networks (PANs) as well as skills in programming for mobile handsets. You will also develop knowledge of the different types of wireless communications technologies available and when each is most applicable in a particular situation.

INB354 Next Generation Internetworks

Pre-requisites	INB350
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

-

INB355 Cryptology and Protocols

Anti-requisites	ITB646, ITB548, ITB566
Equivalents	ITB732
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Cryptographic techniques are widely used to implement computer and network security. As an IT security professional you may be required either to evaluate or implement information systems using cryptographic algorithms and protocols. This elective unit covers the main cryptographic technical concepts including encryption, digital signatures and cryptographic protocols.

INB356 Cloud Computing

Pre-requisites	INB370 or INB371
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

-

INB360 Modelling and Simulation Science

Pre-requisites	INB270
Anti-requisites	MAB480
Equivalents	MXB261
Credit Points	12
Campus	null

This unit aims to give students an understanding of computational techniques used for simulations (and visualisation) in a selection of application areas where the scientific problems are characterized by widely varying spatial and temporal scales. Through this study you will be able to demonstrate knowledge of the development and implementation of simulation algorithms and the analysis of resulting data using multi-dimensional visualisation techniques.

INB365 Systems Programming

Pre-requisites	INB270 or ITB003 or INB371
Anti-requisites	ITB745, ITB706, INN365
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Systems programming is an essential part of any computer-science education. This unit uses operating system concepts to teach the foundations of systems programming and advanced concepts for producing softwares that provide services to computer hardware. Through this study, you will be able to demonstrate knowledge of the principles and techniques of process management, memory and file management, protection & security, and distributed systems.

INB370 Software Development

Pre-requisites	INB270 or ITB003
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Understanding software development is an integral part of the IT industry for software engineers. Software development relies on object technologies, programming techniques and numerous code libraries provided by language developers and third party vendors. Integrated Development Environments, unit testing frameworks, automated and continuous build tools and versioning systems are all becoming part of the tool set modern software developers must be familiar with. This unit is designed to introduce these technologies and techniques to show how software can be rapidly developed.

INB371 Data Structures and Algorithms

Pre-requisites	INB270 or ITB003
Anti-requisites	ITB711, ITB702, INN371
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The purpose of this unit is to ensure that you have a sound knowledge of modern programming techniques and their use in providing medium-scale software solutions. This unit will teach you to decompose a problem and produce a modular solution to a programming task. The principles to analyse algorithms for efficiency will also be introduced. In addition, you will acquire the necessary skills for you to use the tools available in common development environments, such as Microsoft Visual Studio.

INB372 Agile Software Development

Pre-requisites	INB370
Anti-requisites	INN372, ITB612, ITB712
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit introduces you to the software development process. You will look at each of the major activities involved in developing a software system. You will also learn how to manage and control the software development process for a large project when a number of team members are involved in the development. This unit develops the professional practice of working on large software systems.

INB373 Web Application Development

Pre-requisites	INB270 or ITB003 or INB271 or ITB007
Anti-requisites	INN373
Equivalents	ITB716, ITN716
Credit Points	12

Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit will provide you with an understanding of the issues, structure and technologies used for developing web-based systems. The unit will provide you with the theoretical and practical skills needed to develop enterprise critical applications designed with an n-tier architecture using state of the art technologies. A comparative technology approach is taken, including an analysis of how web technologies have evolved to date, in order to identify common themes and to better enable you to comprehend and critically evaluate future web technology offerings.

INB374 Enterprise Software Architecture

Pre-requisites	INB270 or ITB003 or CAB201
Equivalents	ITB717
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit aims to introduce you to the field of enterprise architecture. It attempts to give you a grounding in the basic knowledge and skills required by an enterprise architect. This includes a solid understanding of the IT challenges currently facing medium to large size organizations, the theory and technologies currently used to address them and an appreciation of the business imperative for which they are utilized.

INB375 Parallel Computing

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

-

INB379 Game Project Design

Pre-requisites	Completion of 144 credit points of study
Anti-requisites	ITB009
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

INB379 BGIE Game Project Design (P1) extends your work on the role, design, and plan of a computer game concept. The unit covers the conceptualisation and game design stages up to the game design pitch. If the project is given a green light by the assessment panel, it may be developed later in the P2 unit.

INB380 Games Project

Pre-requisites	INB379 or INB305
Anti-requisites	ITB020
Credit Points	24
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit seeks to give you the opportunity to apply, under appropriate guidance, the knowledge and skills gained in your course to date and to execute a substantial related project. The unit also aims to allow you to develop the critical professional skills of working within a cross-disciplinary team and, through implementation of your project, develop the understanding of the role of careful planning, scope control and task management in ensuring that the project is successful.

INB381 Modelling and Animation Techniques

Pre-requisites	INB371 and MAB281
Equivalents	ITB746
Credit Points	12
Campus	null

The development of computer graphics tools is a significant application within the IT, Games and related industries, relying heavily on software engineering methodologies. These tools, such as CAD systems, 3D modelling systems and games engines, are used in such industries as advertising, engineering, manufacturing, simulation for education and training, computer games, film special effects, etc. Modelling techniques are intrinsic to a 3D graphics system, especially one used for real time animation. With increased CPU and GPU power, the ability to animate in real time is allowing more sophisticated interaction and the merger of games/simulation and film. The unit will provide you with the knowledge and skills to use an industry standard graphics API to implement graphics applications and to develop a basic real time animation system using an industry standard language.

INB382 Real Time Rendering Techniques

Pre-requisites	INB371 and MAB281
Anti-requisites	ITB648 and ITB649
Equivalents	ITB747
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit will provide you with knowledge and skills in basic to advanced techniques in real-time rendering using shading languages. You will be able to implement a high-quality real-time rendering system in an industry standard API.

INB383 AI for Games

Pre-requisites	INB371 or MAB281
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

INB385 Multimedia Systems

Pre-requisites	IFB103 or ITB002
Anti-requisites	ITB257
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit will explore the concepts underpinning multimedia systems and the role played by these technologies in the overall knowledge of a computer professional. You will learn to: design and develop different kinds of interactive multimedia applications; understand the bank of knowledge in cultural developments surrounding the emergence of multimedia technologies; analyse design and processes that contribute to the production of a creative work, using contemporary hardware and software technologies; develop the creative potential of temporal media forms and their placement and use within new media works; understand principles and conventions associated with the interpretation and production of meaning through interactive visual representation.

INB386 Advanced Multimedia Systems

Pre-requisites	INB385 (Special considerations may apply)
Equivalents	ITB259, ITN259
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This advanced level unit will give you high level design and development skills in some of the current and emerging areas of the new media. Web delivered applications, stand-alone systems and installations will be included. It will endeavour to give you an in-depth understanding of interactive Multimedia Systems. You will be given the theoretical basis and practical skills to motivate you in the design and creation of a state-of-the-art system in this discipline. In the process it will encourage a professional team approach appropriate to the industry environment.

INB860 Computational Intelligence for Control and Embedded Systems

Equivalents	ITB847
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This is a specialisation unit in the area of Infomechatronics that introduces five methods from the field of computational intelligence and relates them to applications on real time control and embedded systems. The methods are: Knowledge Base Systems, Fuzzy Control, Neural Networks, Reinforcement Learning and Evolutionary Computation. The unit is also intended to teach the specific design and programming skills that will enable you to solve problems using computational intelligence methods in real-time embedded systems. It is assumed that you already have knowledge of programming.

IND102 Emerging Technology

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP2 (INT)

There is an enormous spectrum of Information Technologies currently being used and the number of tools continues to grow. Professionals require a good understanding of exactly what these technologies are and what drives the development of new technologies as this knowledge provides a strong foundation for anticipating future technological trends. While the underlying principles of computation and communication have largely remained unchanged, increases in the speed of computation and information transmission continues to dramatically

alter the way society goes about its business. Computers have become ubiquitous, from simple microprocessors embedded in practically every electronic device to incredibly powerful processors used in games consoles. The speed of communication between networked processors has increased to an extent where users all over the world can interact in a single simulated 3 dimensional environment. The aim of this unit is to provide you with a conceptual framework so that you clearly identify Information Technologies and their purpose. This task will be fun as it covers a wide spectrum of ideas and allows us to examine some currently popular technologies. Information Technology has become so entwined with everyday life that identifying its scope is difficult, which also makes it difficult to identify opportunities where IT might further infiltrate into our

IND103 Industry Insights

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT); 2014 13TP1 (INT)

This unit is designed for first year, first semester students. This unit will provide you with an appreciation of the diversity of technical and professional skills required to be successful in the ICT Industry. This requires the capability to work on IT projects both individually as well as collaboratively in a team environment, working creatively and in an ethical manner. ICT professionals also require essential information literacy skills to efficiently and effectively retrieve, review, critically apply and use information in innovation projects. This unit aims to develop your professional skills through an innovation team project for a specific industry. This will increase your awareness of the career possibilities in the ICT industry so that you can select an area of ICT specialisation. The activities in this unit will also equip you with some of the essential skills required of an ICT professional. The unit will also introduce you to the inter-disciplinary nature of ICT careers.

IND104 Building IT Systems

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

Today's modern integrated technology is built on IT systems which run in a range of contexts (e.g. mobile computing, robotics, and web-based systems) using a range of technological solutions such as programming and scripting, databases, web development and network protocols. This team-based unit is an integrated introduction to information technology designed to engage, inspire and inform and will demonstrate the important role that technical system design and development plays in achieving robust operation of a large variety of technological solutions. This unit will give you substantial hands-on, practical learning experiences and will motivate you through engagement in the creative, explorative and meaningful development of technological artefacts that operate in real world contexts. This unit aims to give students the opportunity to construct small IT systems and to expose you to a wide variety of aspects of system development.

IND210 Databases

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP2 (INT)

Databases and database systems are essential items that support many aspects of everyday life in modern society. All graduates from a course in Information Technology will be expected by employers to understand the concepts and terminology of databases. The aim of this unit is to introduce students to the structure and role of databases in modern organisations.

IND251 Networks

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT); 2014 13TP1 (INT)

Computer systems and communications networks are essential to the activities of modern organisations. When you graduate from a course in Information Technology, employers expect you to have a sound understanding of the terminology and concepts of computer systems, communications networks, and network services. This unit provides you with an introductory study of communications network technologies and network applications. The unit serves as an entry point to further specialised studies in the field of computer network systems. The main aim of the unit is to provide a broad introduction to computer networking.

IND270 Programming

Pre-requisites	IND104
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

Computer programs and scripts are the fundamental way in which we tell computers how to solve new problems. All Information Technology students need an appreciation of the skills involved in programming and scripting. Although not all Information Technology graduates will become programmers, all IT professionals need to understand the challenges and constraints that arise during software development. Developing a program to solve a computational problem involves two steps. Firstly, you must devise an "algorithmic" solution to the problem, i.e., a sequence of well-defined, unambiguous instructions to follow in order to achieve the desired outcome. Secondly, you must "code" your solution in a form that a computer can interpret, using an appropriate programming or scripting language. Through numerous worked examples and practical exercises, this unit will give you hands-on practice at both of these skills. This unit builds on the knowledge and skill you gained from Building IT Systems (IND104). Successfully completing this unit will provide you with a sound basis for ongoing development of your programming skills and an appreciation of the technical issues that must be considered when working with programming staff. This unit aims to give you a positive introduction to the skills required in solving computational problems and implementing solutions in a programming or scrip

INN120 Corporate Systems

Anti-requisites	ITN360 and INB120
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit has the aim to introduce you broadly to your field of study and to assist you in identifying an appropriate study career path that suits your skills and interest. To that end, this unit aims to give you a broad overview of the nature and role of socio-technical information systems in corporate business settings, and the role that corporate systems managers perform within the major business domains in which they operate.

INN122 Organisational Databases

Anti-requisites	INB122, ITB362, ITN365
Equivalents	ITN122
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to teach students how databases and database-driven websites are used in organisational environments, their role in information technology, the importance of the information architecture behind the external representation of a database, issues of security, privacy, accessibility, and the social and ethical implications around databases.

INN124 Information Systems Development

Anti-requisites	INB124
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

IT professionals work with a wide variety of information systems and are increasingly required to interact with other professionals and understand business domains. In many cases it is necessary to develop custom systems to satisfy business requirements. Problem solving and communication skills and an understanding of programming concepts and logic are required to effectively work with information systems developers. In this dynamic industry, self-managed learning is necessary to remain abreast of technology innovations.

INN180 Computer Games Studies

Anti-requisites	INB180, ITB750
Equivalents	ITN750
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

INN181 Introduction to Games Production

Anti-requisites	INB181, ITB751, ITN751
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This subject will provide you with knowledge and skills in games production. By gaining an overview of the production process, you will learn how the technology and the people involved integrate into a coherent and efficient manufacturing process. By the end of this

subject you will have the knowledge to conceive, create, integrate and optimise tools and personnel into a complete games production system.

INN210 Databases

Anti-requisites	INB210
Equivalents	ITN200
Credit Points	12
Campus	null

Databases and database systems are essential items that support many aspects of everyday life in modern society. All graduates from a course in Information Technology will be expected by employers to understand the concepts and terminology of databases. The aim of this unit is to introduce you to the structure and role of databases in modern organisations.

INN220 Business Analysis

Anti-requisites	INB220
Equivalents	ITB222, ITB365, ITN222, ITN365
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit is aims to give you an introduction to the role, knowledge, and skills required of a business analyst. This unit focuses on both the trades—tools and methods used by a business analyst, as well as the soft skills—creativity and communication, both of which are critical to successful business and requirements analysis. Through lectures, cases studies and role playing activities, you will develop basic knowledge and skills required for introductory business analysis (BA).

INN221 Technology Management

Anti-requisites	ITN241, ITN251, ITN366,INB221
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit presents operational, tactical and strategic insights that support the activities central to the leadership and management of technology. These insights include project management, organisational leadership, outsourcing, planning, governance and millennium technologies. Such insights are used to inform decision-making - the core skill of any manager. Technology managers must understand the factors influencing any decision point. This unit equips students for the challenges of management and to contribute to the decision-making faced by managers and the staff who advise on these issues.

INN222 Enterprise Architecture

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Enterprise Architecture is the means by which companies align business practice and IT. It typically includes information such as the organisational structures and functions of a company, business services, processes, and data objects, and the IT landscape by way of software applications, platforms and infrastructure. These are captured through different modelling techniques and put in the different layers of the enterprise architecture. Through an enterprise architecture, a company can govern its IT existing solutions, and acquire or develop new IT solutions.

INN250 Foundations of Computer Science

Anti-requisites	INB250
Credit Points	12
Campus	null

Contemporary computer-based systems are built from a wide range of technologies working at different levels of abstraction, from microprocessor hardware, to operating system and application software, to entire communications networks. At each abstraction level different techniques are needed to understand emergent properties of the system. This unit introduces some of the foundational principles commonly used to reason about the behaviour of computer-dependent systems at different levels of abstraction. Most of the techniques are derived from the field of Discrete Mathematics and are the foundation of the discipline called Computer Science.

INN251 Networks

Anti-requisites	INB251
Equivalents	ITN701
Credit Points	12
Campus	null

Computer systems and communications networks are essential to the activities of modern organisations. When you graduate from a course in Information Technology, employers expect you to have a sound understanding of the terminology and concepts of computer systems, communications networks, and network services. This unit provides you with an introductory study of communications network technologies and network applications. The unit serves as an entry point to further specialised studies in the field of computer network systems.

INN255 Security

Anti-requisites	INB255, ITB161, ITB523, ITB623, ITB730
Equivalents	ITN161, ITN511, ITN523, ITN663, ITN730
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit aims to give you an understanding of the major issues in information security. You will be able to identify critical information security concepts and determine the information security implications of interactions between entities. You will have knowledge of a range of techniques for protecting information, and understand the limitations of these techniques. You will be aware of international information security management standards.

INN270 Programming

Anti-requisites	INB270
Equivalents	ITN700
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit aims to give you a positive introduction to the skills required in solving computational problems and implementing solutions in a programming or scripting language. Although some theoretical aspects of computer programming are introduced briefly, the overall emphasis of the unit is programming practice. The unit emphasises generic programming concepts and related problem-solving strategies. The skills you learn in this unit will be applicable to a wide variety of commonly-used, industrially-significant programming and scripting languages.

INN271 The Web

Anti-requisites	INB373,INB271,ITB007,ITB227
Equivalents	ITN007,ITN227
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aims of the unit are to give you a thorough understanding of what the web is, how it works and what it has to offer. Additionally, the unit aims to give you a general understanding and basic skills in developing dynamic web applications, including an appreciation of the variety of implementation technologies available. Through an understanding of how web technologies have evolved to date, you will appreciate the necessity for lifelong learning and become an insightful predictor of future developments in this area. You will learn to critically analyse technological alternatives in order to adapt to and innovate with technologies that presently do not exist. You will appreciate the business or organizational context within which web applications exist and be skilled in communicating within that environment. You will appreciate the social and ethical issues relating to web based systems including accessibility, globalization, privacy, and piracy.

INN272 Interaction Design

Anti-requisites	INB272
Equivalents	ITN254
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The aim of this unit is to provide you with an understanding of the theory, practices and challenges associated with the development of creative interactive design and human computer interaction.

INN280 Fundamentals of Game Design

Anti-requisites	ITB016and INB280
Equivalents	ITN016
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

INN281 Advanced Game Design

Pre-requisites	INN280
Anti-requisites	ITB017 and INB281

Equivalents	ITN017
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit will provide you with theoretical and practical knowledge of advanced games design concepts; that is, specific activities undertaken by game designers and their purpose. By the end of this unit you will have the knowledge to identify problems and suggest solutions for innovative game designs, as well as understand how to carry out the process of designing a game yourself. You will possess practical and theoretical knowledge of game design issues such as: how to design a game level, how to design a task and reward a player for completing it, how to ensure that the player knows how to progress through the game and how to design characters whose behaviour and dialogue provide clues and prompts to the player.

INN282 Games Level Design

Pre-requisites	INN281
Anti-requisites	INB282
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit will provide you with theoretical and practical knowledge of game level design concepts; that is, specific activities undertaken by level designers. By the end of this unit you will have the knowledge to identify level design problems and suggest solutions for innovative level designs across genres, as well as understand how to carry out the process of designing a level yourself. You will possess practical and theoretical knowledge of level design issues such as conceptual design, level structure and flow, level component design, gameplay, risks and rewards and environment modelling.

INN304 Special Topic 3

Pre-requisites	INN210 or INN004 or INN122
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

-

INN311 Enterprise Systems

Anti-requisites	INB311
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

-

INN312 Enterprise Systems Applications

Anti-requisites	INB312, ITB233
Equivalents	ITN233
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to introduce business configuration aspects of a large Enterprise Systems (also refered to as ERP systems) application. The unit commences with an introduction to concepts of large system implemenattions, requirements gathering and analyses. The unit then teaches how to configure a large Enterprise Systems application (using SAP) for common business processes in an organization. The course also aims to provide hands-on experience of configuring a range of SAP modules. The unit enables you to experience both the business analyst view and the user's view of the system across a number of business processes.

INN313 Electronic Commerce Site Development

Anti-requisites	INB313 and ITB260
Equivalents	ITN260
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

-

INN320 Business Process Modelling

Anti-requisites	ITB298 and ITB320
Equivalents	ITN301
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

-

INN321 Business Process Improvement

Anti-requisites	INB321
Equivalents	ITN298
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to introduce you to modern methodologies of Business Process Management. A main objective is to increase your awareness of the close link between business requirements and IT capabilities, and the related fundamental role of business processes. This unit also seeks to develop logical thinking, an appreciation for conceptual models, and the capability to understand and deal with complex systems.

INN322 Information Systems Consulting

Anti-requisites	INB322
Equivalents	ITN273
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of the unit is to develop your skills in the consulting engagement process. This unit will give you an appreciation of the management of consulting practices and an understanding of the consulting sector generally. This unit presents the tactical and strategic issues involved in management consulting, and in particular: client engagement. In the unit there is an emphasis on Information Systems (IS) related work. IS constitutes a substantial portion of consulting activity and cuts across all areas of business expertise. The unit examines the dynamics of IS consulting within the context of large consulting firms and familarises students with the consulting engagement lifecycle.

INN323 Business Process Automation

Pre-requisites	INN324
Anti-requisites	INB324
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The aim of this unit is to introduce you to modern-day topics underlying Business Process Management (BPM) such as service oriented architectures, business intelligence, business process automation, and workflow patterns. The unit will demonstrate how business processes modelled on the basis of well-known and established workflow patterns can seamlessly lead to sophisticated business process-aware information systems. It will be shown how these information systems can exploit concepts from service-oriented architectures and from state-of-the-art BPM and business intelligence environments.

INN324 Business Process Analytics

Pre-requisites	INN320
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit will introduce you to a number of state-of-the-art business process intelligence techniques that can be used at different stages of a business process life cycle. The unit will also discuss the design requirements for executable process models and strategies for business process improvement.

INN326 Advanced Process Modelling

Pre-requisites	(INN320 or INB320) and (INN321 and INB321)
Credit Points	12
Campus	null

This unit will allow you to familiarize with practical issues around the establishment and execution of a process modelling initiative within an enterprise. The unit will present a number of methods and approaches to cope with these issues and show their applicability via case studies.

INN327 Business Process Management

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

Units

INN330 Information Management

Anti-requisites	INB330
Equivalents	IFN615, ITN266
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

The aim of this unit is to provide you with an awareness of the activities in which IM professionals are engaged within various organisational contexts. You will use case studies and introduce yourself to the strategic and analytic elements that comprise information management activities. These activities include the alignment of enterprise information and business planning, enterprise information policy, evaluation of information resources & systems and applications of the information inventory.

INN331 Management Issues for Information Professionals

Anti-requisites	INB331
Equivalents	ITN274
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

The overall aim is to enable you to identify and resolve selected key management issues within a particular type of organisation of your choice. Using an integrated approach the subject draws from the field of organisational behaviour, business management literature, IT-management, and other readings appropriate to your interest. A further emphasis will be on case studies of actual practices in the type of organisation or enterprise environment setting that you have chosen to investigate.

INN332 Information Retrieval

Anti-requisites	INN335, ITN322
Equivalents	ITN273
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

The ability to quickly learn and expertly use new information resources and concepts is a vital skill for the modern day library and information professional. This unit will help you to understand the structure of the informatoin environment, to reflect upon the information resources you discover, and to develop the ability to find appropriate information for future problem solving. You will develop your skills in identifying, accessing, evaluating and retrieving information resources to meet specific needs. The unit will also help you develop skills in teamwork and oral and written communication.

INN333 Information Programs

Anti-requisites	ITN330
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

The unit encompasses the planning, implementation and evaluation of an information product or service for a particular community of use. The community may be anything from a specialised professional or business group, to community members with special needs etc. Emphasis is on identification of user needs, creating an information product or program and marketing or promoting its use. The unit also explores the impact of web 2.0 technologies (e.g. blogs, wikis, facebook, YouTube, flickr) and concepts such as creative commons and open access on program and product design and delivery are explored.

INN340 Database Design

Anti-requisites	INB340
Equivalents	ITN229
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to help you develop your knowledge, understand a formal specification tool (ERM/ORM) for modelling information systems unambiguously and to apply this formal technique to conceptualise information systems found in many real world application domains.

INN341 Software Development With Oracle

Pre-requisites	INN210 or ITN200 or INN122 or ITB004
Anti-requisites	INB341, ITB223
Equivalents	ITN223
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit aims to develop a sound understanding of database creation, installation, administration, management, security, back up/recovery and application development. The unit aims to develop practical skills in each of these elements, using appropriate Oracle software.

INN342 Enterprise Data Mining

Pre-requisites	INN210 or INN340 or INN122
Anti-requisites	ITB239, INB342
Equivalents	ITN239
Credit Points	12
Campus	null

This unit will provide a comprehensive theoretical coverage of various topics in data and web mining. In addition there will be a significant practical component using hands on tools to solve real-world problems. Specifically, we will consider techniques from machine learning, data mining, text mining, and information retrieval to extract useful knowledge from data which are used for business intelligence, document databases, site management, personalization, and user profiling. This unit will first cover a detailed overview of the mining process and techniques, and then concentrate on applications of these techniques to web, e-commerce, document databases and data from advanced applications.

INN343 Data Warehousing and Mining

Pre-requisites	INN210
Anti-requisites	INB343
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit teaches the foundations of data warehousing and mining for producing systems that provide valuable services and decision support to busuness companies. Through this study, you will be able to demonstrate knowledge of the principles and techniques of data warehouse architecture and schema, OLAP and data cubes, ETL and data quality, patterns and sequences mining, association analysis, and decision tables. You will also be able to use and develop smart data services for business intelligence.

INN344 Search Engine Technology

Anti-requisites	INB344
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Search engines are becoming ubiquitous not only for finding web pages but also as a key part of companies' infrastructure. Database systems only allow access to structured data which are only the tip of the iceberg of the vast amount of information that also sits in unstructured files such as word documents, reports, email messages, etc. Industry is now realising the high value of this free text information and deploying the means to use it. Processing this information requires natural language processing for extracting meaningful relations and semantics as well as efficient indexing processes that together compose search engine technology. Today, search technology is a hot area of research and development with applications in data warehousing, e-commerce, digital libraries, bioinformatics, and web information systems in general.

INN345 Mobile and Ubiquitous Computing

Anti-requisites	INB345
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit provides the opportunity for exploring new and emerging mobile devices and wireless technology including iPhone, Netbook, 3G, WiMax, and RFID. Students will critically review and understand how they can be used for current contexts such as government, business, education and social community, as well as emerging ‘wilderness’ environments with no power and wired communication. Students will appreciate the impacts of these devices and be inspired for the current and future opportunities in ICT usage trends.

INN346 Enterprise 2.0

Anti-requisites	INB346
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit will help you to acquire the skills and knowledge required to critically explore and utilise applications within diverse contexts and organisations.

INN347 Web 2.0 Applications

Anti-requisites	INB347

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Web 2.0 applications enable the user to be control. The unit will provide the opportunity for students to explore web 2.0 applications including blogs, wikis, social networking, social tagging, podcasts, gaming, storytelling and virtual worlds such as second life. Students will critically consider the many and varied web applications and how they can be used in different contexts such as government, small and medium size businesses, non-profit organisations, educational institutions and community groups.

INN348 Mobile Application Development

Pre-requisites	INN370 or INN371
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

-

INN350 Internet Protocols and Services

Anti-requisites	INB350,ITB624,ITB629,ITB720,ITN524,ITN529,ITN667
Equivalents	ITN720
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

An understanding of the theoretical and practical concepts of network protocols and services is highly useful and relevant to network engineers and others working in the Information Processing industries. This unit introduces you to Internet protocols and the design, implementation and operation of network based applications. Theory and practical skills taught in this unit will be useful if you intend undertaking further networking units.

INN351 Unix Network Administration

Pre-requisites	INN350
Anti-requisites	INB351
Equivalents	ITN525, ITN535, ITN721
Credit Points	12
Campus	null

The aim of this unit is to provide students with a working knowledge of the technical aspects and theory of network administration and management. The unit uses the Unix environment as the learning platform for attaining technical skills and for the development of problem solving skills necessary to be a successful networking professional.

INN352 Network Planning

Anti-requisites	INB352, ITN722, ITN551, ITB628, ITB551, ITB722, ENN523
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The unit draws together subject matter from a number of different networking-related areas. The aim of the unit is to assemble the previously acquired knowledge and techniques and apply it in a cohesive fashion to the task of network planning.

INN353 Wireless and Mobile Networks

Anti-requisites	INB353, ENN524
Equivalents	ITB723, ITN723
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit provides you with the skills to be able to design and understand the issues involved with different types of wireless communications systems. It develops your knowledge of Wide Area Networks (WANs), Local Area Networks (LANs) and Personal Area Networks (PANs) as well as skills in programming for mobile handsets. You will also develop knowledge of the different types of wireless communications technologies available and when each is most applicable in a particular situation.

INN354 Next Generation Internetworks

Pre-requisites	INN350 or INB350
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

-

INN355 Cryptology and Protocols

Anti-requisites	INB355
Equivalents	ITB548, ITB566, ITB646, ITB732, ITN566, ITN512, ITN581, ITN732,
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Cryptographic techniques are widely used to implement computer and network security. As an IT security professional you may be required either to evaluate or implement information systems using cryptographic algorithms and protocols. This elective unit covers the main cryptographic technical concepts including encryption, digital signatures and cryptographic protocols.

INN360 Modelling and Simulation Science

Pre-requisites	INN270 or IFN501
Anti-requisites	MAN480
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit aims to give students an understanding of computational techniques used for simulations (and visualisation) in a selection of application areas where the scientific problems are characterized by widely varying spatial and temporal scales. Through this study you will be able to demonstrate knowledge of the development and implementation of simulation algorithms and the analysis of resulting data using multi-dimensional visualisation techniques.

INN365 Systems Programming

Pre-requisites	INN270 or ITB003 or INB270 or IFN501
Anti-requisites	ITB706, ITB745, ITB365
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Systems programming is an essential part of any computer-science education. This unit uses operating system concepts to teach the foundations of systems programming and advanced concepts for producing softwares that provide services to computer hardware. Through this study, you will be able to demonstrate knowledge of the principles and techniques of process management, memory and file management, protection & security, and distributed systems.

INN370 Software Development

Anti-requisites	INB370
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Understanding software development is an integral part of the IT industry for software engineers. Software development relies on object technologies, programming techniques and numerous code libraries provided by language developers and third party vendors. Integrated Development Environments, unit testing frameworks, automated and continuous build tools and versioning systems are all becoming part of the tool set modern software developers must be familiar with. This unit is designed to introduce these technologies and techniques to show how software can be rapidly developed.

INN371 Data Structures and Algorithms

Pre-requisites	INN270 or INB270 or IFN501
Anti-requisites	INB371,INB372,TB702, ITB711, ITN711
Equivalents	ITN702
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The purpose of this unit is to ensure that you have a sound knowledge of modern programming techniques and their use in providing medium-scale software solutions. This unit will teach you to decompose a problem and produce a modular solution to a programming task. The principles to analyse algorithms for efficiency will also be introduced. In addition, you will acquire the necessary skills for you to use the tools available in common development environments, such as Microsoft Visual Studio.

INN372 Agile Software Development

Pre-requisites	INN370 or IFN501
Anti-requisites	INB372, ITB712, ITN662, ITN712, ITB612
Credit Points	12
Campus	Gardens Point

Teaching Periods	2014 SEM-2 (INT)

This unit examines the theory, techniques, and technologies associated with the specification, design, construction and testing of software systems. It integrates specialist knowledge from previous units to prepare you to become a professional software engineer. By the end of this unit, you will have a firm understanding of the principles of software development processes, and the detailed practices of a modern agile methodology. This will extend and refine your knowledge of the traditional software development lifecycle and testing, and putting your new knowledge into practice. You will work together in small teams of four to six people to build a project using an agile methodology and using test-driven development strategies. You will thus be well-prepared to become a member of a professional development team.

INN373 Web Application Development

Pre-requisites	INN270 or ITN700 or INB270 or ITB003 or INN271 or INB271 or IFN501
Anti-requisites	INB373
Equivalents	ITB716, ITN716,
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit will provide you with an understanding of the issues, structure and technologies used for developing web-based systems. The unit will provide you with the theoretical and practical skills needed to develop enterprise critical applications designed with an n-tier architecture using state of the art technologies. A comparative technology approach is taken, including an analysis of how web technologies have evolved to date, in order to identify common themes and to better enable you to comprehend and critically evaluate future web technology offerings.

INN374 Enterprise Software Architecture

Pre-requisites	INN270 or INB270 or ITN700 or ITB003 or IFN501
Anti-requisites	INB374 and ITB717
Equivalents	ITN717
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit introduces you to the field of enterprise and component-based architecture. It provides a grounding in the knowledge and skills required by a software architect to address the future needs of business IT systems. These include a solid understanding of the IT challenges currently facing medium to large organizations, the theory and technologies used to address them, and an appreciation of the business needs that motivate their use. To enable you to address these challenges you will be exposed to system design methods, and the current technologies, that allow the resulting systems to be adaptive to changing business needs.

INN381 Modelling and Animation Techniques

Pre-requisites	(INB371 or INN371) and (MAB281 or MAN281)
Anti-requisites	INB381, ITB441, ITB460, ITB648, ITB649, ITB746
Equivalents	ITN440, ITN460, ITN746
Credit Points	12
Campus	null

The development of computer graphics tools is a significant application within the IT, Games and related industries, relying heavily on software engineering methodologies. These tools, such as CAD systems, 3D modelling systems and games engines, are used in such industries as advertising, engineering, manufacturing, simulation for education and training, computer games, film special effects, etc. Modelling techniques are intrinsic to a 3D graphics system, especially one used for real time animation. With increased CPU and GPU power, the ability to animate in real time is allowing more sophisticated interaction and the merger of games/simulation and film. The unit will provide you with the knowledge and skills to use an industry standard graphics API to implement graphics applications and to develop a basic real time animation system using an industry standard language.

INN382 Real Time Rendering Techniques

Pre-requisites	MAB281
Anti-requisites	INB382
Equivalents	ITN747
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit will provide you with knowledge and skills in basic to advanced techniques in real-time rendering using shading languages. You will be able to implement a high-quality real-time rendering system in an industry standard API.

INN383 AI for Games

Anti-requisites	INB383
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to provide students with an intermediate to advanced level course in computer game AI, involving algorithmic and utility-based approaches to solving a wide range of problems in the interactive entertainment and game industries. You will gain both practical and theoretical knowledge about a range of AI techniques applied in computer games. You will be able to identify and explain different types of AI agents, describe their algorithms using a pseudo code convention, identify and explain different structures and algorithms used to represent and solve a range of problems in computer game AI.

INN385 Multimedia Systems

Anti-requisites	INB385
Equivalents	ITN257, ITB257
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit will explore the concepts underpinning multimedia systems and the role played by these technologies in the overall knowledge of a computer professional. You will learn to: design and develop different kinds of interactive multimedia applications; understand the bank of knowledge in cultural developments surrounding the emergence of multimedia technologies; analyse design and processes that contribute to the production of a creative work, using contemporary hardware and software technologies; develop the creative potential of temporal media forms and their placement and use within new media works; understand principles and conventions associated with the interpretation and production of meaning through interactive visual representation.

INN386 Advanced Multimedia Systems

Pre-requisites	INN385
Anti-requisites	INB386 and ITB259
Equivalents	ITN259
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This advanced level unit will give you high level design and development skills in some of the current and emerging areas of the new media. Web delivered applications, stand-alone systems and installations will be included. It will endeavour to give you an in-depth understanding of interactive Multimedia Systems. You will be given the theoretical basis and practical skills to motivate you in the design and creation of a state-of-the-art system in this discipline. In the process it will encourage a professional team approach appropriate to the industry environment.

INN401 Honours Dissertation 1

Credit Points	12
Campus	null

Research is about contributing to scientific knowledge. You will be expected to make such a contribution in your honours dissertation, although the size of that contribution will probably be relatively small as this is likely to be your first research project. The principle aim, however, is to provide you with basic research skills that you will be able to apply again in the future in other contexts, be they in a higher research degree, or applied to real-world problems in an industry setting. You will learn the types of processes, creativity and analytical thinking that leads to such scientific advances and how to communicate such findings in a rigorous scientific manner.

INN402 Honours Dissertation 2

Credit Points	12
Campus	null

Research is about contributing to scientific knowledge. You will be expected to make such a contribution in your honours dissertation, although the size of that contribution will probably be relatively small as this is likely to be your first research project. The principle aim, however, is to provide you with basic research skills that you will be able to apply again in the future in other contexts, be they in a higher research degree, or applied to real-world problems in an industry setting. You will learn the types of processes, creativity and analytical thinking that leads to such scientific advances and how to communicate such findings in a rigorous scientific manner.

INN403 Honours Dissertation 3

Credit Points	12

Campus	null

Research is about contributing to scientific knowledge. You will be expected to make such a contribution in your honours dissertation, although the size of that contribution will probably be relatively small as this is likely to be your first research project. The principle aim, however, is to provide you with basic research skills that you will be able to apply again in the future in other contexts, be they in a higher research degree, or applied to real-world problems in an industry setting. You will learn the types of processes, creativity and analytical thinking that leads to such scientific advances and how to communicate such findings in a rigorous scientific manner.

INN404 Honours Dissertation 4

Credit Points	12
Campus	null

Research is about contributing to scientific knowledge. You will be expected to make such a contribution in your honours dissertation, although the size of that contribution will probably be relatively small as this is likely to be your first research project. The principle aim, however, is to provide you with basic research skills that you will be able to apply again in the future in other contexts, be they in a higher research degree, or applied to real-world problems in an industry setting. You will learn the types of processes, creativity and analytical thinking that leads to such scientific advances and how to communicate such findings in a rigorous scientific manner.

INN500 PRINCE2 (R) Project Management

Pre-requisites	Completion of 24 credit points of Postgraduate or International College Diploma units (INN% or QCD% or GSN%)
Anti-requisites	INB123, ITB365, ITB272
Equivalents	ITN272
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The aim of this unit is to provide skills and experience in project management, leadership, team management and communication as well as understanding of project management methods such as PRINCE2®. It prepares students for the effective management of projects and provides a basis for seeking the PRINCE2® Foundation and Practitioner industry accreditation.

INN530 Online Information Services

Equivalents	ITN278
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

The primary aim of this unit is to provide a capstone experience that will allow you to draw on the knowledge and skills you have gained throughout your course. The unit focuses on the development of your skills and knowledge in web service delivery. You will have the opportunity to learn from industry experts and to reflect on how your studies have prepared you for this type of work. Through practical exercises, lectures, workshops and guest speakers, you will develop an introductory knowledge of web content management as it applies to organisations today. You will also be introduced to current trends and issues in web service delivery. You will develop an appreciation of the tasks, practices, principles and policies required for dynamic forms of web architecture, and you will begin to explore the development of skills required to work with and manage content management systems.

INN531 Collections Management

Equivalents	ITN276
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

This unit seeks to develop your understanding of the key issues involved in developing and managing a contemporary and innovative collection. In particular you will be given the opportunity to become familiar with the methods and tools used in the selection and acquisition of information resources and the creation of information collections to meet the specific needs of a community or client group. You will also develop a working knowledge of the skills and techniques essential for critically evaluating the resources and collections created. The unit further seeks to develop your oral and written communication skills, critical thinking and teamwork skills.

INN532 Information Literacy Education

Equivalents	ITN279
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

This unit aims to develop your understanding of information literacy and information literacy education and how these concepts can be applied according to the needs of client group(s) of your choice. As a professional you may engage in policy development, advocacy, research, developing and implementing instruction programs or managing staff who undertake these activities. New professionals and other educators can become heavily involved in teaching information literacy and skills to learners in a range of environment including academic, workplace or community programs. This unit provides the opportunity for theoretical and practical work in contexts of your choice to suit your individual interests.

INN533 Information Organisation

Equivalents	ITN275, IFN617
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (INT, EXT)

The aim of this unit is to develop an understanding of the principles and practices of information organisation as applied to description and classification of knowledge contained in a range of information resources utilised in different contexts.

INN540 User Experience

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

-

INN550 Computer Forensics

Equivalents	ITN774
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit aims to give you instruction in the principles of Computer Forensics, and the principles that need to be observed by the computer forensic investigator in order to successfully identify, secure, analyse and present digital evidence. In this advanced level elective unit we focus on the principles which direct the collection, analysis and presentation of the electronic or digital evidence available to a forensic investigator, and the techniques that are used in order to ensure that those principles are met for evidentiary requirements.

INN570 Internationalisation of Software

Credit Points	12
Campus	null

Software is now a global market, and developers need to be able to produce applications that can be used in many different cultures and nations. There is a significant body of enabling technology that allows efficient and cost effective development of applications that can be used in diverse contexts. Understanding the principles and the technologies involved in internationalisation and localisation is essential for companies seeking to go global or that are already global.

INN600 Advanced Readings 1

Credit Points	12
Campus	null

The aim of this unit is to broaden your understanding of potential research topics and methods and support you in developing essential skills that enable clarity and focus in investigating IT research; rigour in evaluating claims and accuracy in your understanding of domain problems, related theories and methodologies appropriate to your specialist area.

INN601 Advanced Readings 2

Credit Points	12
Campus	null

The aim of this unit is to broaden your understanding of potential research topics and methods and support you in developing essential skills that enable clarity and focus in investigating IT research; rigour in evaluating claims and accuracy in your understanding of domain problems, related theories and methodologies appropriate to your specialist area.

INN602 Advanced Readings 3

Credit Points	12
Campus	null

The aim of this unit is to broaden your understanding of potential research topics and methods and support you in developing essential skills that enable clarity and focus in investigating IT research; rigour in evaluating claims and accuracy in your understanding of domain problems, related theories and methodologies appropriate to your specialist area.

Units

INN605 Advanced Research 1

Credit Points	12
Campus	null

The aim of this unit is to broaden your understanding of potential research topics and methods and support you in developing essential skills that enable clarity and focus in investigating IT research; rigour in evaluating claims and accuracy in your understanding of domain problems, related theories and methodologies appropriate to your specialist area.

INN606 Advanced Research 2

Credit Points	12
Campus	null

The aim of this unit is to broaden your understanding of potential research topics and methods and support you in developing essential skills that enable clarity and focus in investigating IT research; rigour in evaluating claims and accuracy in your understanding of domain problems, related theories and methodologies appropriate to your specialist area.

INN607 Advanced Research 3

Credit Points	12
Campus	null

The aim of this unit is to broaden your understanding of potential research topics and methods and support you in developing essential skills that enable clarity and focus in investigating IT research; rigour in evaluating claims and accuracy in your understanding of domain problems, related theories and methodologies appropriate to your specialist area.

INN610 Case Studies in Business Process Management

Pre-requisites	INN320 or INN321 with a grade of 6 and a GPA of at least 6
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit seeks to develop business process analysts capable of working as consultants. It seeks to develop the generic skills expected in graduates and in particular to develop better interpersonal skills, better written and oral communication skills, skills in conflict resolution, negotiation, project planning and project management. You will learn to identify, analyse and consider interdependencies. You will increase your awareness for the challenges of teamwork. The projects also allow you to apply the theoretical knowledge gained in the pre-requisite unit to real practical problems. Overall, you will get insights into the skills, tools and services of consultants.

INN634 Professional Practice

Equivalents	INN632-1,INN632-2,INN632-3,INN632-4,INN632-5,INN632-6,ITN280
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

This unit has been developed as an overarching unit in the IT43 Master of Information Technology (Library and Information Science) 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.

INN650 Advanced Network Management

Pre-requisites	INB351 or INN351
Equivalents	ITN771
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to provide you with an 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.

INN651 Security Technologies

Anti-requisites	ITB731, ITN731
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit further develops your information security and networking knowledge and skills. The unit focuses on developing your knowledge and abilities by applying it to penetration testing using open source and other commonly used security tools and applications. The unit will prepare you for a graduate position as a system administrator or information security professional.

INN652 Advanced Cryptology

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Cryptology forms a core discipline in the study of information security. This unit concentrates on the latest developments in cryptology. This is a specialised unit that prepares postgraduate students for research in cryptology. The aim of the unit is to explore and understand recent developments in the theory and practice of cryptology. The unit provides fundamental knowledge for students seeking to undertake postgraduate research or work in the area of information security, especially involving cryptology.

INN690 Minor Project 1

Credit Points	12
Campus	null

The aims of this unit are to help you acquire necessary skills in a problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also teaches you how to prepare a well written project report.

INN691 Minor Project 2

Credit Points	12
Campus	null

The aims of this unit are to help you acquire necessary skills in a problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also teaches you how to prepare a well written project report.

INN692 Minor Project 3

Credit Points	12
Campus	null

The aims of this unit are to help you acquire necessary skills in a problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also teaches you how to prepare a well written project report.

INN693 Project

Credit Points	24
Campus	null

The aims of this unit are to help you acquire necessary skills in a problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also teaches you how to prepare a well written project report.

INN694 Project

Pre-requisites	INN694-1. INN694-1 may be studied in the same teaching period as INN694-2.
Credit Points	12
Campus	null

This unit enables you to carry out an independent or group project addressing a research question or practical problem in theoretical or practical information technology. It provides an opportunity to individualise your studies by concentrating on a specific problem. The aims of this unit are to help you acquire necessary skills in a problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also teaches you how to prepare a well written project report.

INN694 Project 1

Other requisites	Students must complete INN694-2 to receive a grade for this unit
Credit Points	12
Campus	null

This unit enables you to carry out an independent or group project addressing a research question or practical problem in theoretical or practical information technology. It provides an opportunity to individualise your studies by concentrating on a specific problem. The aims of this unit are to help you acquire necessary skills in a problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also teaches you how to prepare a well written project report.

INN695 Major Project

Credit Points	48
Campus	null

Units

The aims of this unit are to help you acquire necessary skills in a problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also teaches you how to prepare a well written project report.

INN696 Major Project 2

Pre-requisites	INN696-1. INN696-1 may be studied in the same teaching period as INN696-2.
Credit Points	24
Campus	null

The aims of this unit are to help you acquire necessary skills in a problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also teaches you how to prepare a well written project report.

INN696 Major Project 1

Other requisites	Students must complete INN696-2 to receive a grade for this unit
Credit Points	24
Campus	null

The aims of this unit are to help you acquire necessary skills in a problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also teaches you how to prepare a well written project report.

INN697 Project

Credit Points	24
Campus	null

INN700 Introduction To Research

Pre-requisites	Admission into IT28 or IT29
Equivalents	ITN100
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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
Equivalents	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.
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

INN702 Information Systems Research

Pre-requisites	INN700
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This units aims to expose Information Systems higher degree research students to a range of research philosophies, paradigms and methodologies, developing in students an awareness of their relative importance, thereby enabling improved access to these areas of research for the students and broadening their repertoire of skills. Each module introduces the area, also pointing to more in depth treatment of the topic for students who choose to go deeper in the area.

INN703 Writing IS Research Articles

Pre-requisites	INN701
Credit Points	12
Campus	null

As a research student in information systems, you are expected to contribute to the body of knowledge in this field by designing and conducting an original study and to publish your findings. In this unit, you are introduced to a variety of seminal research articles relevant to information systems research. The unit develops both broad and detailed understanding of different strands of information systems research, relevant research methods and theories associated with the strands of research, and different composition styles of information systems research articles. The goal of this unit is to further develop your research skills and learn how to write good research articles. The unit is taught in a seminar style where we critique articles, apply what we have learned to improve and extend our own research and publications, and work together to reach a deeper understanding of Information Systems research practice.

INS010 Full Year Co-operative Education

Anti-requisites	INB300
Credit Points	24
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The Cooperative Education Program offered by the Faculty of Information Technology (also referred to within QUT as the Work-integrated Learning Program) will give you on-the-job experience through a one-year paid placement with one of our industry partners. Participation in the Cooperative Education Program offers you a real-world IT setting in which you can integrate and apply the skills you have already developed to this point in your course. It will also give you the opportunity for personal growth by allowing you to identify the complete range of both technical and non-technical skills that you may need to enhance or develop in order to have a successful career in the IT industry.

INS011 Co-operative Education 1

Anti-requisites	INB300
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The Cooperative Education Program offered by the Faculty of Information Technology (also referred to within QUT as the Work-integrated Learning Program) will give you on-the-job experience through a one-year paid placement with one of our industry partners. Participation in the Cooperative Education Program offers you a real-world IT setting in which you can integrate and apply the skills you have already developed to this point in your course. It will also give you the opportunity for personal growth by allowing you to identify the complete range of both technical and non-technical skills that you may need to enhance or develop in order to have a successful career in the IT industry.

INS012 Co-operative Education 2

Anti-requisites	INB300
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The Cooperative Education Program offered by the Faculty of Information Technology (also referred to within QUT as the Work-integrated Learning Program) will give you on-the-job experience through a one-year paid placement with one of our industry partners. Participation in the Cooperative Education Program offers you a real-world IT setting in which you can integrate and apply the skills you have already developed to this point in your course. It will also give you the opportunity for personal growth by allowing you to identify the complete range of both technical and non-technical skills that you may need to enhance or develop in order to have a successful career in the IT industry.

INS020 Professional Experience (Undergraduate)

Anti-requisites	INB300
Credit Points	12
Campus	null

Advanced Standing may be applied for Professional/Industry Experience. For instructions on how to apply, please refer to: www.scitech.qut.edu.au/documents/study/courses/vre/INS020.pdf

INS040 Professional Experience (Postgraduate)

Credit Points	12
Campus	null

Advanced Standing may be applied for Professional/Industry Experience. For application instructions, please refer to: www.scitech.qut.edu.au/documents/study/courses/vre/INS040.pdf

IZN001 Principles and Practices of University Learning and Teaching

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

IZN002 Curriculum Design and Assessment in Contemporary Learning Environments

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

IZN003 Research and Career Planning and Development

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

IZN004 Scholarly Learning and Teaching Project

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

JSB157 Policing Diversity

Pre-requisites	48cp of previous study
Equivalents	JSB257
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

The issue of policing diversity is salient because of the nature of police work and the type of community engagement it entails. This unit will focus on a range of issues facing police and policing in relation to the growing diversity of Australia's population. A significant component of this course will focus on the specific issues regarding the relationship between police and the indigenous communities. A look at the issues that arise when police interact with refugee and new migrant communities will also be a focus within this course.

JSB170 Introduction to Criminology and Policing

Equivalents	JSB131, JSB011, JSB101
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT)

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
Teaching Periods	2014 SEM-1 (INT, EXT)

The Justice degree is about producing 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 Criminological Research Skills

Equivalents	JSB132, JSB012, JSB104
Credit Points	12
Campus	null

This unit teaches students about being competent and ethical criminal justice professionals. It introduces professional and academic skills, such as teamwork, professional communication, and writing 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

Equivalents	JSB135, JSB015, JSB202
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (INT, EXT)

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 (eg prisons) for 'correcting' offenders.

JSB174 Forensic Psychology and the Law

Anti-requisites	PYB215
Equivalents	JSB136
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (INT, EXT)

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. The term 'forensic' literally means 'of or used in law courts' (Australian Oxford Paperback Dictionary). The term 'psychology and the law', however, is now used more generally to describe the different ways in which psychology and law intersect - namely the psychology of the law, psychology in the law, and psychology by the law. 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.

JSB175 Social Ethics and the Justice System

Equivalents	JSB134
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT)

It is essential for those employed within the justice system be able to competently and confidently work at the borders between ethics and the law. Ethical ability will enable practitioners to critically assess the moral status of current laws, to interpret acceptable standards of behaviour in situations not covered by the laws, and to develop shared understandings of moral responsibility in justice organizations and the wider community.

JSB176 Criminal Law in Context

Equivalents	JSB242, JSB024, JSB204
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (INT, EXT)

Justice students work, or hope 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. Laypeople may assume that the law is shaped by rational decisions aimed at reducing crime and punishing wrongdoing, when in fact a closer examination of the policy underpinnings, the substance of the law and the way in which it is applied demonstrates that such an analysis is overly simplistic. A deeper understanding of the forces that shape the law and the way the law's application can distort its policy objectives is essential to those who wish to contribute to more effective laws and their administration.

JSB178 Policy, Governance and Justice

Equivalents	JSB081, JSB251,JSB271
Credit Points	12
Campus	Gardens Point and External

Teaching Periods	2014 SEM-2 (EXT, INT)

This unit will enable you to become familiar with policy-making practices and wider issues of governance. The unit aims to introduce the theory and practice of public policy with an emphasis on policy issues relevant to criminal and social justice. It analyses processes in policy development such as policy formation, writing, implementation and evaluation. You will gain tools for participating in policy development processes in both the public and community sectors.

JSB179 Crimes of Violence

Pre-requisites	48cp of previous study
Equivalents	JSB138,JSB177
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (INT, EXT)

Justice students work, or hope 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 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.

JSB183 White Collar Crime

Pre-requisites	48cp of previous study
Equivalents	JSB983
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

White collar crime is becoming more common in Australian society. Street crime still exists but there are a larger number of people in a position to participate in white collar crime and new opportunities are presented by a more corporatised and technological society. Greater resources are being applied to detect these crimes within police services, and new agencies, such as the Australian Securities and Investment Commission, are being further developed to specialise in the oversight and prosecution of offenders. The circumstances in which the crimes occur and the technological considerations raise unique questions for investigation and prevention. This unit will provide the student with an outline of the nature of these techniques.

JSB207 Punishment and Penal Policy

Pre-requisites	96cp of previous study
Equivalents	JSB373
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

The unit will challenge students to think critically about a range of key issues confronting the penal system and policy-makers, including the need to respond to the ever-increasing prison muster, the effectiveness (or not) of the various treatment programmes and offender management systems, and the ongoing challenge of dealing with 'difference' within the prison population. This unit is tailored to students contemplating a career in correctional services, the policy sector (including Department of Communities and Department of Corrections), rehabilitation services, social and youth work, and the academy.

JSB208 Gender Crime and the Criminal Justice System

Pre-requisites	48cp of previous study
Equivalents	JSB971
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

The Justice degree aims 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. This unit explores patterns in gendered 1) offending, 2) victimisation, 3) experiences with criminal justice systems.

JSB209 Transnational Organised Crime and Terrorism

Pre-requisites	96cp of previous study
Equivalents	JSB977, JSB982
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

The Justice degree aims 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. This unit examines the impact of Transnational Organised Crime (TOC) and Terrorism on international security, the socio-economic platform of specific sovereign nations and the global economy as a whole.

JSB255 Eco Crime

Pre-requisites	96cp of completed studies
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

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.

JSB262 Power, Government and Justice

Pre-requisites	48cp of previous study
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

In this unit, you will engage with and apply sophisticated and innovative analytical tools in order to understand various forms of marginalisation in Australian society (particularly gender, sexuality, religion, age, mental health, and race-based marginalisation), and respond effectively to them. The unit utilises these tools in a broad range of justice-related contexts, providing you with a comprehensive understanding of the various ways that these forms of marginalisation may be addressed, and the forms of power and government that sustain them. This unit thus provides a set of practical tools that can contribute directly to the development of policy that addresses marginalisation and contributes to greater justice.

JSB264 Statistical Methods

Pre-requisites	96cp of previous study
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

This unit introduces quantitative research methods for students of criminology, criminal justice and related fields. It provides hands-on skills in using statistical software common to governmental and academic work environments. The unit is designed for students with little or no prior mathematical background (beyond basic arithmetic).

JSB265 Official Corruption

Pre-requisites	48cp of previous study
Equivalents	JSB258
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

Every nation in the world struggles to have their public officials act in the interest of their citizens. The study of Public Sector Ethics covers the types of actions and the methods of enforcement required to bring about performance in the public interest. This unit will introduce you in detail to the most important issues of public sector ethics both in Queensland and the world. As most of you will end up working for government, it is essential that you not only understand these concepts but put them into practice.

JSB270 Global Justice and Human Security

Pre-requisites	96cp of previous study
Equivalents	JSB260
Credit Points	12
Campus	null

This unit offers students an advanced education about crimes against human rights in a global context with a focus on crimes in conflict zones, crimes involved in the movement and migration of people, and crimes committed by the state (with case studies including human trafficking, genocide, torture and the use of child soldiers). The unit also introduces students to the theory of human security, in which individuals, rather than nation states, are the primary focus of efforts to protect against threats to national security and international stability. Domestic and international efforts to prevent and punish human rights violations will also be explored during this unit through an analysis of international cooperation and justice. This unit is essential learning for students planning a career in the Department of Defence, Department of Foreign Affairs and Trade, the Australian Federal Police, AusAid, the United Nations and numerous other Australian and international agencies.

JSB272 Theories of Crime

Pre-requisites	96cp of previous study
Anti-requisites	JSN113
Equivalents	JSB231, JSB018
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (INT, EXT)

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 embedded governmental practices aimed at ensuring the regulation and control of particular 'problem populations'.

JSB273 Crime Research Methods

Pre-requisites	96cp of previous study
Equivalents	JSB933, JSB043
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This subject 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, minimum GPA of 5 and unit coordinator approval
Anti-requisites	JB976
Other requisites	96cp of previous study, minimum GPA of 5 and unit coordinator approval
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (EXT)

In the course of their study, Justice students may discover an area that is of particular interest to them, or which has specific relevance to their intended professional orientation. This unit gives you the opportunity to extend aspects of your coursework or professional interests in more depth as well as to continue the process of refining and developing research skills. Students considering further study in the Bachelor of Justice (Honours) are required to undertake this unit for entry to the program.

JSB277 Independent Study

Pre-requisites	96cp of previous study, minimum GPA of 5 and requires academic approval
Equivalents	JSB976
Other requisites	96cp of previous study, minimum GPA of 5 and requires academic approval
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

In the course of their study, Justice students may discover an area that is of particular interest to them, or which has specific relevance to their intended professional orientation. This unit gives you the opportunity to extend aspects of your coursework or professional interests in more depth as well as to continue the process of refining and developing research skills. Students considering further study in the Bachelor of Justice (Honours) are required to undertake this unit for entry to the program.

JSB278 Drugs and Crime

Pre-requisites	96cp of previous study
Equivalents	JSB378
Credit Points	12
Campus	null

Drugs, both legal and illegal, present many challenges to individuals, their families and communities as well as the criminal justice and health systems in Australia. This course examines issues and inter-relationships between drugs and crime. The course includes a detailed examination of drug use in Australia, including trends, patterns of usage and explanations for illicit drug use. A concentrated examination of the relationships between drugs and crime is a key focus as well as the current state of policy responses to drug control and prevention in Australia and internationally.

JSB284 Policing in Context

Pre-requisites	96cp of previous study
Equivalents	JSB274
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

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	null

In this unit, you will be taught the defining characteristics of terrorism and why it is described as both a political and criminal act. During the unit you will be exposed to different types of terror tactics and will investigate particular terror groups that are currently operating on a national, regional and international scale. This unit will explore the characteristics of terrorist organisations and examine how recent developments in technology and finance allow them to flourish. The unit will provide students with the opportunity to critically engage with counter-terror tactics, assess whether the tactics engage with the terror threat as a political or criminal one, and evaluate their effectiveness.

JSB305 Professional Placement

Pre-requisites	144cp of previous study, minimum GPA of 5 and academic approval
Equivalents	JSB980
Other requisites	144cp of previous study, minimum GPA of 5 and academic approval
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit is a professional placement where students can intern at a relevant organisation.

JSB367 Intelligence and Security

Pre-requisites	144cp of previous study
Equivalents	JSB377
Credit Points	12
Campus	null

Policing is increasingly taking a leading role in investigations with analysts setting a direction for criminal investigation teams. The unit exposes you to the essentials of the intelligence system, the intelligence process and creative problem solving skills. Intelligence professionals are also concerned with support to government, the private sector and the community. Intelligence offers an advantage through the provision of accurate and timely advice. Intelligence requires proficiency in thinking strategies and skills, interpersonal effectiveness skills, teamwork and application of intelligence process methodologies in a variety of cultural contexts.

JSB372 Youth Justice

Pre-requisites	144cp of previous study
Equivalents	JSB232, JSB041
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit provides students with knowledge and skills for working in the contemporary juvenile justice system, including knowledge about the history, how the system works, legislation, and the media and political context of juvenile justice. It questions ideas about young people as a 'youth crime problem' and challenges students to engage critically with youth crime in terms of social justice.

JSB379 Political Practice

Pre-requisites	96cp of previous study
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

This unit will equip students with a thorough understanding of political processes and practices. Students will examine the roles and functions of political parties, public service staff, non-government organisations and the media, while developing practical skills required in the political world.

JSB380 Critical Policy Analysis

Pre-requisites	96cp of previous study
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

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 in one's professional development as a justice professional.

JSB381 Indigenous Issues in Criminal Justice

Pre-requisites	JSB171 or JSB173
Equivalents	JSB371
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT)

In the context of the ongoing over-representation of Aboriginal peoples in the criminal justice system, it is essential that those who work in the justice, secondary and tertiary education sectors, have an understanding of contemporary Indigenous issues. All justice professionals require a sound grasp of the unique aspects of Indigenous culture and society which impact upon the interaction of Indigenous people with the criminal justice system. The operation of the criminal justice system in the various Australian jurisdictions have, at times, been characterised by inequity, intolerance and ignorance in the development and implementation of policies directed towards Indigenous people. This unit explores the major areas of interaction between Indigenous Australians and the criminal justice system and seeks to raise awareness of those factors which inhibit the formulation of sound policy and practice.

JSB386 Death Investigation

Pre-requisites	96cp of previous study
Equivalents	JSB986
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

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 accident. 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.

JSB416 Advanced Research Management

Equivalents	JSB415
Credit Points	12
Campus	null

The aims of this unit are three fold. First to introduce students to the techniques of project management relevant to the creation of a research project in their nominated field of research. Second to guide students in the development of a research question and hypothesis. Third to assist students understanding of the process of academic research.

JSB417 Seminal Texts in Criminology

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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, e. g. 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
Teaching Periods	2014 SEM-1 (INT)

Good research is characterised by establishing the 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
Teaching Periods	2014 SEM-1 (INT)

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 can be used to collect and analyse both quantitative and qualitative data.

JSB424 Thesis 3

Equivalents	JSB414-3
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

In the thesis you have the opportunity to conduct a major research project where 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
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (EXT)

In the thesis you have the opportunity to conduct a major research project where 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	External
Teaching Periods	2014 SEM-2 (EXT)

In the thesis you have the opportunity to conduct a major research project where 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	External
Teaching Periods	2014 SEM-2 (EXT)

In the thesis you have the opportunity to conduct a major research project where 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.

JSN140 Security Risk Management

Equivalents	JSN126
Credit Points	12
Campus	null

This unit will provide students with a general understanding of security risk management methodologies, to include the various aspects of risk and the protection of key assets and critical infrastructure within the context of a vulnerability assessment. The students will explore selected security risk management formulae and compile a security / vulnerability (risk) assessment within the context of a nominated asset or component of critical infrastructure. The students will also be to development a countermeasures table in response to the risks and threats identified in the major project.

Students will also be exposed to various methods used to covey the findings of their assessment to a prospective client organisation.

JSN147 Independent Study

Equivalents	JSN117
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

In the course of their study, Justice students may discover an area that is of particular interest to them, or which has specific relevance to their intended professional orientation. This unit gives you the opportunity to extend aspects of your coursework or professional interests in more depth as well as to continue the process of refining and developing research skills.

JSN165 Policy, Governance and Justice

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

This foundational course 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
Teaching Periods	2014 SEM-1 (EXT)

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
Teaching Periods	2014 SEM-2 (EXT)

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
Teaching Periods	2014 SEM-2 (EXT)

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, build the knowledge and capacity to engage effectively with stakeholders and the ability to effectively design and oversee policy.

JSN171 Justice and Human Rights

Equivalents	JSN101
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

Arguments concerning perceived problems of justice and injustice usually reveal conflicting ideas about what justice actually means both theoretically, and in practice. Justice and human rights go hand in hand both theoretically and in the practice of law enforcement and other criminal justice professions. You will require a sophisticated level of understanding of theories of justice and human rights in a social and criminal context if you are to effectively apply in practice the content knowledge you have acquired in the course of your post graduate study.

JSN172 Applied Data Analysis Techniques for Criminology and Criminal Justice

Equivalents	JSN102
Credit Points	12
Campus	null

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 can be used to collect and analyse both quantitative and qualitative data.

JSN173 Theories of Crime

Equivalents	JSN113
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

The main aim of this unit is to introduce you 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 can be seen embedded governmental practices aimed at ensuring the regulation and control of particular 'problem populations'.

JSN176 Independent Study

Equivalents	JSN116
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (EXT)

In the course of their study, Justice students may discover an area that is of particular interest to them, or which has specific relevance to their intended professional orientation. This unit gives you the opportunity to extend aspects of your coursework or professional interests in more depth as well as to continue the process of refining and developing research skills.

JSN178 National Security and Intelligence

Equivalents	JSN108
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

In National Security and Intelligence you will develop knowledge of how security is understood and conceptualised, which will enable you to critically reflect on how security priorities are made in national, regional and international settings. The unit aims to encourage you to develop your knowledge of how states prioritise security threats, as well as how intelligence agencies and staff support these efforts. The unit will develop your skills in critical analysis, problem solving, research, and writing.

JSN179 Intelligence Practice 1

Equivalents	JSN109
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

Intelligence professionals can be 'generalists' with a broad base of skills applicable to a range of intelligence environments or 'specialists' working in narrow areas of responsibility, such as technical analysts or translators. Intelligence work requires proficiency in thinking strategies and skills, effective interpersonal skills, teamwork, and application of intelligence process methodologies. This unit presents the essentials of the intelligence system, the intelligence process, creative problem solving skills, and an introduction to writing in an intelligence environment.

JSN180 Intelligence Practice 2

Equivalents	JSN110
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

The unit considers the management of intelligence organisations, personnel and operations. It recognises the need for managers to be attuned to the context and environment in which they are operating. The unit examines organisational structures against proven principles. The subject concentrates on applying established principles and procedures to the unique needs of intelligence

organisations.

JSN181 Terrorism and Political Violence

Equivalents	JSN111
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

In this unit you will explore some of the defining characteristics of terrorism and why it is described as both a political and criminal act. During the unit you will be exposed to different types of terror tactics and will investigate particular terror groups that are currently operating on a national, regional and international scale. In adopting this approach you will explore the use of various perspectives to understand and engage with the complexity that is terrorism. This unit will explore some of the characteristics of terrorist organisations. In addition this exploration will develop your understanding of how these organisations identify opportunities, implement strategies and justify their actions. The unit will provide students with the opportunity to critically engage with counter-terror tactics, assess whether the tactics engage with the terror threat as a political or criminal one, and evaluate their effectiveness.

JSN190 Research Thesis

Equivalents	JSN120
Credit Points	12
Campus	null

Students undertake a study of an issue as the culmination of their advanced Masters program. The dissertation must have a well-developed conceptual foundation and include a primary research component.

JSN191 Research Thesis

Equivalents	JSN121
Credit Points	12
Campus	null

Students undertake a study of an issue as the culmination of their advanced Masters program. The dissertation must have a well-developed conceptual foundation and include a primary research component.

JSN192 Research Thesis

Equivalents	JSN122
Credit Points	12
Campus	null

Students undertake a study of an issue as the culmination of their advanced Masters program. The dissertation must have a well-developed conceptual foundation and include a primary research component.

JSN193 Research Thesis

Equivalents	JSN123
Credit Points	12
Campus	null

Students undertake a study of an issue as the culmination of their advanced Masters program. The dissertation must have a well-developed conceptual foundation and include a primary research component.

JSZ901 Transnational Organised Crime and Terrorism

Credit Points	12
Campus	Temasek Polytechnic Singapore
Teaching Periods	2014 SEM-2 (INT)

The aims of this unit are to provide knowledge and understanding for police officers about the motivators of terrorism (religious extremism, nationalism, ideology) conventional and non-conventional forms of terrorism (nuclear, chemical, biological, radiological) as well as state-sponsored terrorism and narco-terrorism and the nexus between transnational organised crime and various forms of terrorism.

JSZ902 Criminal and Terrorism Profiling

Credit Points	12
Campus	Temasek Polytechnic Singapore
Teaching Periods	2014 SEM-2 (INT)

The aims of this unit are to provide knowledge and understanding for police officers about the different approaches to criminal and terrorism profiling available to police and law enforcement agencies in order to improve their effectiveness of operational policing duties.

JSZ903 Investigative Thinking and Knowledge Management

Credit Points	12
Campus	Temasek Polytechnic Singapore
Teaching Periods	2014 SUM (INT)

The aim of this unit is to provide knowledge and understanding for street police about the qualitatively different 'investigative thinking styles' (ITS) that detectives use when conducting ongoing investigations, and the management of such investigative knowledge, in order to improve their effectiveness when responding to incidents.

JSZ904 Justice Research Methodologies

Credit Points	12
Campus	Temasek Polytechnic Singapore
Teaching Periods	2014 SUM (INT)

The aims of this unit are to provide knowledge and understanding for police officers about the different research methodologies available to them for getting the necessary information from and about their local community in order to be better informed about how best to carry out the mission of policing.

JSZ905 Asian Economic Crime Trends

Credit Points	12
Campus	Temasek Polytechnic Singapore
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to provide a knowledge and understanding for police officers about the exponential growth of economic crime within the Asia-Pacific region. By being aware of the economic nature of the structure and operations of transnational, organised, corporate and white-collar crime and their relationship to terrorism activities police officers will be better equipped to combat these types of criminal and terrorist behaviours.

JSZ906 Police Research Project

Credit Points	12
Campus	Temasek Polytechnic Singapore
Teaching Periods	2014 SEM-1 (INT)

This unit provides further development, enhanced from JSZ904, on how to design and conduct a police-specific research project on the policing theme of 'local solutions for local conditions'. The aims of this unit are to provide knowledge, understanding and practice for general duties police in knowing how to design and conduct empirically acceptable research projects to increase the knowledge base and professionalism of a Police Service.

KAP401 Advertising Creative: Introduction

Equivalents	KIP424
Credit Points	12
Campus	null

This unit focusses on the creative side of advertising, involving the analysis of creative advertising content, the development of creative concepts and creative strategies and the crafting of persuasive messages and ideas for creative campaigns.

KAP402 Advertising Creative: Copywriting and Art Direction

Pre-requisites	KAP401. KAP401 can be enrolled in the same teaching period.
Equivalents	KIP426
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Copywriting and art direction are fundamental to creative advertising practice. Both tasks exist at the front end of advertising: copywriters and art directors help to bring advertising campaigns to life through creative concept development, writing, and liaising with both clients and artists. This unit builds on the introductory creative advertising units. It examines contemporary advertising theory and practice and develops practical skills in writing and art directing. Case studies examine a wide range of advertising campaigns, including campaigns to sell products, corporate reputations, and not-for-profit organisations.

KAP403 Advertising Creative: Trends in New Media

Equivalents	KIP429
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit develops core skills in the creative production of advertising for key electronic and print media: TV, radio, cinema, paper, print, magazine, and outdoors; with a strong emphasis on interactive and new media trends. It examines how creative advertisers use these media principles for creating effective ads; the media influence in the creative process; how to present concepts for each medium;

and the roles, steps and components of creative advertising production. Through this process, you will expand your understanding of and skills in developing ads for the key electronic, print and new mediums.

KCB101 Media and Communication Texts

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 occuring to the way texts are produced, read and circulated within our culture.

KCB102 Media Mythbusting

Equivalents	KCB140
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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	KCB213, KCD103
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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

Equivalents	KCB334
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

KCB106 Media in a Globalised World

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Media organisations in Australia operate in a global context. Australian media content represents an important export for the country's economy, while Australian audiences consume large quantities of content produced overseas, or adapted from formats originated in other media markets. There is great value, therefore, in students of journalism, media and communication learning how the global media market functions, and the implications of cultural globalisation for professional practice. This foundation unit will introduce you to the global nature of media production, and to your role as a future practitioner in a globalised media system.

KCB110 Introduction to Mass Communication

Equivalents	KJB102
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit introduces you to the main theories of mass communication and to key contemporary issues in mass communication industries. Investigating topics such as ethical and legal issues in mass communication, the relationship between journalism and public relations, advertising and new media and the future of television, you will analyse and critique mass communication media and professional practice in a range of formats.

KCB203 Consumption Matters: Consumer Cultures and Identity

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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. This 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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 Internet, Self and Beyond

Equivalents	KCB201, KCB295
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The number of individuals in contemporary societies who use new media technologies to shape, (re)form and sustain their identities is on the rise. From social networking sites like FaceBook and blogs to YouTube, this unit takes you through the critical enquiry of your use of new media in five aspects of everyday life: entertainment, socialisation, information, education and business, health and well-being, and beliefs and politics. This unit also introduces them to theories, issues and deliberations surrounding new media.

KCB301 Media Audiences

Equivalents	KCB349
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This units allows final year Media and Communication students the opportunity to work on the Brisbane Media Map - an online resource for media and communication organisations based in Brisbane. Students involved in this project will work in teams to collectively update the map, and learn basic project management strategies.

KCB305 Brisbane Media Map 2

Pre-requisites	KCB303
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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 developing and updating the Brisbane Media Map - 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

Other requisites	Unit coordinator approval is required. Students are expected to have a GPA over 5.0 and to have completed 192cp of undergraduate study.
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Issues surrounding 'The Media' are a common source of interest for the media itself, and too 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
Teaching Periods	2014 SEM-2 (INT)

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 sudents in this regard, helping them to become a visible part of the public discourse.

KCB310 Contemporary Investigation in Journalism, Media and Communication

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP2 (INT)

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. The unit aims to develop in students: - an understanding of the theoretical concepts and practical application of rhetoric, semiotics, and interpersonal communication as an underpinning for effective and professional communication practices within the workplace. - the ability to be articulate presenters, with a self-awareness that allows for self-critique and continued growth.

KCP407 Applied Professional Communication

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit hones your skills in professional communication and integrates the important skills of writing and presenting under a strategic planning framework. It includes a focus on leadership, teamwork, audience analysis, evaluation, and ethics.

KCP415 Co-Creative Media: Digital Storytelling

Equivalents	KKP405, KCP403, KCP353
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT), 2014 SUM (INT); 2014 5TP3 (BLK)

In this unit you will learn about the breadth of achievements of research in the Creative Industries (for example, in making visible the creative economy. This knowledge is essential for arts and creative industries managers. You will also have the option to experience deep learning in the theory and practice of one particular creative human capital development technique and qualitative research platform, known as Digital Storytelling.

KCP417 Creative Industries in Asia

Equivalents	KKP407, KTP407, KCP354
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Forces associated with the rise of creative industries, such as globalisation, the knowledge-based economy, and media and communications networks are significantly shifting both public policy and creative practice in the Asia-Pacific region, and raising new challenges, tensions and contradictions in politics, economics and culture. This unit will provide you with an understanding of how developments in the creative industries will affect the economics, politics and cultural development of nations and people in the Asian region.

KCP418 Fundamental Media Skills for the Workplace

Equivalents	KKP410
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit introduces an array of media products that are often used in the workplace and allows students hands on experience of making media products. To discover principles of communication underlying practice, classes will discuss the use of a variety of media platforms, channels and tools.

KCZ101 Communication in the New Economy

Equivalents	KCB101
Credit Points	12
Campus	Chinese University of HongKong
Teaching Periods	2014 6TP5 (INT)

This unit introduces students 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 occuring to the way texts are produced, read and circulated within our culture.

KCZ102 Media and Society: From Printing Press to Internet

Equivalents	KCB102, KCB140
Credit Points	12
Campus	Chinese University of HongKong
Teaching Periods	2014 5TP8 (INT)

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.

KCZ103 Strategic Speech Communication

Equivalents	KCB103, KCB213
Credit Points	12
Campus	Chinese University of HongKong
Teaching Periods	2014 5TP9 (INT)

-

KCZ104 Introduction to Media and Communication Industries

Equivalents	KCB104, KCB150
Credit Points	12
Campus	Chinese University of HongKong
Teaching Periods	2014 12TP3 (INT)

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 the impact of convergence and globalisation. Students be supported to develop their own strategy for maintaining current awareness of media and communication industries in the process of evaluating current public and policy debates.

KCZ105 Media and Communication Research Methods

Equivalents	KCB105, KCB334
Credit Points	12
Campus	Chinese University of HongKong
Teaching Periods	2014 6TP1 (INT)

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 and issues. The unit will involve qualitative and quantitative research methods including content analysis, focus groups, ethnography, interviews and survey research. Students will evaluate, design and carry out research using some of these methods.

KCZ203 Consumer Cultures

Equivalents	KCB203
Credit Points	12
Campus	Chinese University of HongKong
Teaching Periods	2014 6TP2 (INT)

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. This 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.

KCZ205 Professional Communication

Equivalents	KCB205
Credit Points	12
Campus	Chinese University of HongKong
Teaching Periods	2014 12TP1 (INT)

Professional Communication aims to enhance your career prospects by developing a better 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, client presentations, and workplace communication practices. Although the main focus of the unit is on the creative and cultural industries, the content and skills covered are applicable to a range of professions and career options.

KCZ206 New Media: Applications and Identities

Equivalents	KCB201, KCB295
Credit Points	12
Campus	Chinese University of HongKong
Teaching Periods	2014 5TP2 (INT)

The number of individuals in contemporary societies who use new media technologies to shape, (re)form and sustain their identities is on the rise. From social networking sites like FaceBook and blogs to YouTube, this unit takes you through the critical enquiry of your use of new media in five aspects of everyday life: entertainment, socialisation, information, education and business, health and well-being, and beliefs and politics. This unit also introduces them to theories, issues and deliberations surrounding new media.

KCZ301 Media Audiences

Equivalents	KCB301, KCB349
Credit Points	12
Campus	Chinese University of HongKong
Teaching Periods	2014 6TP3 (INT)

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.

KCZ302 Political Communication

Equivalents	KCB311
Credit Points	12
Campus	Chinese University of HongKong
Teaching Periods	2014 5TP6 (INT)

This unit provides an overview of the theory and professional practices of political communication. It examines contemporary and historical political campaigns in a number of countries, including Hong Kong, the United states, the United Kingdom and Australia, from the perspectives of theories of media influence, strategic image and issue management, and the democratic role of media. It also considers how media advisors manage political communication, and how professional consultants plan and develop political campaigns.

KCZ303 Hong Kong Media Map

Equivalents	KCB303
Credit Points	12
Campus	Chinese University of HongKong
Teaching Periods	2014 12TP2 (INT)

Networks of industry and professional association are extremely important in media and communication industries. In this unit students will extend and apply their critical knowledge of media and communication to the task of deepening their understanding of these networks. Through developing and updating the Hong Kong Media Map - an online resource that profiles media and communication industries in Hong Kong - students will also refine their project planning and management skills, information analysis skills, and team leadership and membership skills. Students will also explore ethical, communication, and intellectual property concerns that arise in the processes of undertaking a real-world media and communication industries project.

KDB101 Performance 1

Pre-requisites	KDB103 (can be enrolled in the same teaching period)
Equivalents	KDX111
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This studio based unit consists of a creative process through rehearsals and classes with choreographers, rehearsal directors and teaching staff leading to a studio and public performance.

Units

KDB102 Performance 2

Pre-requisites	(KDB101 or KDX111) and KDB104 (can be enrolled in the same teaching period)
Equivalents	KDX112
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This studio-based unit consists of a creative process through rehearsal directors and teaching staff leading to a studio and public performance.

KDB103 Dance Technique Studies 1

Equivalents	KDB180
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit involves practical dance classes as on-going action research.

KDB104 Dance Technique Studies 2

Pre-requisites	KDB103 or KDB180
Equivalents	KDB181
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit involves practical dance classes as on-going action research.

KDB105 Architecture of the Body

Equivalents	KDX104
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit focuses on experiential awareness of the body, including an introduction to a working knowledge of anatomy, kinesiology and the movement potential of the body, both in theory and practice

KDB106 Dance Analysis

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit includes a study of the analysis of dance through a concentration on the dance as text and a study of various international historical and contemporary works.

KDB107 Choreographic Studies 1

Equivalents	KDX143
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit introduces crafting skills and choreographic devices used in process of making dance work. It includes the presentation of group work.

KDB108 World Dance

Equivalents	KDB172
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit includes exposure to a range of culturally specific dance styles through practical workshops and theoretical studies which provide contextual background to the styles taught.

KDB109 Funk, Tap and all that Jazz

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

American and Western European popular and music theatre dances from the late 1900s to the present form the content base of this unit, drawing on three of the following styles: funk, tap, jazz and/or hip-hop. Dance technique and style pertinent to each dance form is taught in the practical classes, while in the theory component of the unit this content is interrogated through historical and cultural perspectives.

KDB110 Deconstructing Dance in History

Equivalents	KDB125
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit includes a study of various international historical and contemporary contexts of dance as art. It focuses on romanticism, classicism, modernism and postmodernism.

KDB111 Performance in Context 1

Equivalents	KDB101, KDX111
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

KDB120 Dance Practice 1

Equivalents	KDB103, KDB180
Other requisites	Evidence of physical condition to undertake the unit is required. Students not in KK34(Dance) are required to pass an audition
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

All professionals in the field of dance need a comprehensive grounding in the practice of dance. This unit provides the opportunity to hone skills and deepen understanding in contemporary dance and a second dance genre. As an introductory unit in a suite of Dance Practice units, you will develop approaches to learning and reflective practice to enable you to become an effective self-directed practitioner.

KDB121 Dance Practice 2

Pre-requisites	KDB120 or KDB103
Equivalents	KDB104, KDB181
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

All professionals in the field of dance need a comprehensive grounding in the practice of dance. This unit provides further opportunities to hone skills and deepen understanding in contemporary dance and a second dance genre. As a second unit in a suite of Dance Practice units, you will continue to develop skills in learning and reflective practice to enable you to become an effective self-directed practitioner.

KDB204 Australian Dance

Equivalents	KDB114
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit includes a study of the ritual, artistic and social functions of dance in contemporary Australian society.

KDB205 Teaching Dance

Anti-requisites	KDP205
Equivalents	KDB117
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit includes a practical introduction to philosophies and practices in dance education. The areas of choreography, performance and appreciation are explored as students develop basic teaching and reflective practice skills. This unit is appropriate for students planning to teach dance in the primary, secondary, community or studio context.

KDB206 Contextualising Dance in the 21st Century

Pre-requisites	KDB106 and KDB110
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Dance has demonstrably been a leader in many of the areas that inform the globalised environment of 21st century arts practices, noticeably in the areas of interactive technologies, interdisciplinarity, international collaborations which interrogate differing cultural perspectives, and the increasing fascination of mass audiences with dance reality television shows and social network sites such as YouTube. Parallel to these practices are the growth in participation of

recreational dance-related physical activities, and in an industry context the DIY artists of the independent performance scene. Common to these practices is a conscious hybridisation of traditional hierarchies between 'elite' and 'popular' culture. At the same time 21st century dance practices are engaged with pressing issues of our age in relation to health, environmental concerns, and urban mediated environments. This in turn has informed changes in contemporary aesthetic sensibilities.

KDB207 Choreographic Studies 2

Pre-requisites	KDB107 or KDX143
Equivalents	KDX144-2
Credit Points	6
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit includes practice and performance of choreographic work employing choreographic skills in creation of movement material, form and style. Clarity of intention is major focus. This is a year long unit. Students must enrol in KDB207-2.

KDB207 Choreographic Studies 2

Pre-requisites	KDB207-1 or KDX144-1
Equivalents	KDX144-2
Credit Points	6
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

-

KDB208 Integrated Professional Skills

Equivalents	KDB221
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This is an integrated program building specific practical and psychological skills and strategies for career development and enhancement.

KDB211 Performance 3

Pre-requisites	(KDB102 or KDX112) and KDB213 (can be enrolled in the same teaching period)
Equivalents	KDX141
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This studio based unit consists of a creative process through rehearsals and classes with choreographers, rehearsal directors and teaching staff leading to a studio and public performance.

KDB212 Performance 4

Pre-requisites	(KDB211 or KDX141) and KDB214 (can be enrolled in the same teaching period)
Equivalents	KDX142
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This studio based unit consists of a creative process through rehearsals and classes with choreographers, rehearsal directors and teaching staff leading to a studio and public performance.

KDB213 Dance Technique Studies 3

Pre-requisites	KDB104 or KDB181
Equivalents	KDB182
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit involves practical dance classes as on-going action research.

KDB214 Dance Technique Studies 4

Pre-requisites	KDB213 or KDB182
Equivalents	KDB183
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit involves practical dance classes as on-going action research.

KDB215 Performance in Context 2

Pre-requisites	KDB111 or KDB101
Credit Points	12
Campus	Caboolture
Teaching Periods	2014 SEM-2 (INT)

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.

KDB225 Music Theatre Skills

Equivalents	KSB225, KSB011
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit provides students with an introduction to practical skills development in acting, dance and singing for music theatre.

KDB230 Dance Practice 3

Pre-requisites	KDB121 or KDB104 or KDB181
Equivalents	KDB213, KDB182
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

All professionals in the field of dance need a comprehensive grounding in the practice of dance. This unit provides further opportunities to hone skills and deepen understanding in contemporary dance.

As a third unit in a suite of Dance Practice units, you will continue to develop skills in learning and reflective practice to enable you to become an effective self-directed practitioner. You will also investigate approaches in assisting others to learn.

KDB231 Latin Dance Party

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Latin American Dance styles make an important contribution to a Dance practitioner's skills portfolio. Further, as an enjoyable and healthy form of social interaction, knowing how to dance these styles is a broadly applicable life skill.

KDB303 Dance and Technology 1

Pre-requisites	KDB207-2 or KDX144-2
Equivalents	KDB158
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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 practioners by the professional dance industry. Assessment associated with this unit aims to recreate a real life Audition experience through unseen practical examinations

KDP201 Dance Curriculum Studies 1

Anti-requisites	KDB201, KDB421
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

As the first of a series of three curriculum units, this unit provides introductory practical engagement with the theory, syllabi and practices of dance learning and teaching in schools. You will be encouraged to utilize your knowledge, skills and understanding of the processes of making, performing and appreciating dance in developing teaching and learning experiences. You will begin to understand and learn to manage the complex socio-cultural environments of the dance classroom and develop theoretical understandings, practical knowledge and skills necessary to be an effective Dance teacher. Each subsequent curriculum unit will then provide you with opportunities to increase your breadth and depth of understanding in these areas.

KDP202 Dance Curriculum Studies 2

Pre-requisites	KDP201
Anti-requisites	KDB202, KDB429
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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.

KFB101 Design Studio 1

Equivalents	KFB401
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The sequence of six Design Studio units is fundamental to the course and focuses on the integration of design principles with the practical skills and understandings of pattern technology, garment design and construction. Alongside the acquisition of design skills, it is essential for successful fashion designers of the future to understand the context of their practice, within an industry that is international in scope.

KFB102 Design Studio 2

Pre-requisites	KFB101 or KFB401
Equivalents	KFB402
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit aims to build on skills acquired in KFB101.

KFB103 Introduction to the Industry of Fashion

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit provides an introduction to some of the complexities of the fashion system and is intended to provide a base for students wishing to pursue the subject of fashion as a major, sub-major or minor.

KFB104 Sustainability: The Materiality of Fashion

Equivalents	KFB407-2, KFB104-2
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

In the context of global environmental and social challenges, knowledge of sustainable materials, skills and processes for the garment and textile industries is essential forfashion students. This unit provides you with a foundational knowledge of the environmental and ethical issues surrounding fashion production and consumption, as well as innovative approaches in design and business to address these issues.

KFB107 Drawing for Fashion

Equivalents	KVB107, KVB107-2, KVB757-2
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit concentrates on developing core skills and knowledge of drawing to provide an important foundation for existing and evolving modes for constructing and presenting fashion proposals.

KFB108 Unspeakable Beauty 1: A History of Dress and Fashion

Equivalents	KFB106
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Unspeakable Beauty One introduces you to the history of western fashion from the 14th century up until the mid-19th Century. You will be provided with a guide to understanding changes in fashion and style in especially in regards to issues of gender and class. This knowledge will assist you in understanding the pivotal role that fashion has played throughout history in defining social and cultural identity. This unit is the first of the suite of Fashion Studies Units offered by

the fashion discipline and will provide you with an introduction to the key concepts essential to the study of the history and theory of fashion.

KFB109 Unspeakable Beauty 2: Fashion and Modernity

Equivalents	KFB206, KFB105, KFB408
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Unspeakable Beauty 2 introduces you to the history of western fashion from the mid nineteenth century up until the mid twentieth century. You will be provided with a guide to understanding changes in fashion and style especially in regard to theories of modern consumption and production. This unit is the second in the suite of Fashion Studies Units offered by the Fashion Discipline and will provide you with an introduction to key concepts essential in the study of the history of contemporary fashion.

KFB110 Textiles 1

Credit Points	12
Campus	null

KFB111 Textiles 2

Pre-requisites	KFB110 or XNB194 or PUB321
Equivalents	XNB194, PUB361
Credit Points	12
Campus	null

KFB200 Design Studio 3

Pre-requisites	KFB102
Equivalents	KFB201, KFB403
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The sequence of six Design Studio units is fundamental to the course and focuses on the integration of design principles with the practical skills and understandings of pattern engineering and garment design and construction.

KFB202 Design Studio 4

Pre-requisites	KFB200 or KFB201 or KFB403
Equivalents	KFB404
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit aims to build upon the expected outcomes of KFB201. It aims to develop in students a combination of initiative, creativity and self-reliance, alongside the key skills of collaboration and working in teams.

KFB205 Fashion and Style Journalism

Pre-requisites	KFB103 or KJB224 (KJB224 can be enrolled in the same teaching period)
Equivalents	KJB339
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

KFB207 Contemporary Fashion

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Fashion is a vital dimension to contemporary culture; it is art and industry, idea, image and product. In its truest sense all Fashion is Contemporary fashion. This unit draws on ideas developed in Introduction to Fashion to provide a context for the shifting terrain of contemporary fashion. The unit addresses content such as key developments in fashion since 1970, significant International and Australian contemporary designers and current trends in the consumption, production and presentation of fashion.

KFB209 Ragtrade: The Business of Fashion

Pre-requisites	KFB103
Equivalents	KFB201
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit focuses on the logistics and skills required in the industry, for the distribution and selling end of the fashion cycle. It will develop your understanding of the importance of international and national wholesale selling or order taking, through to fashion companies going direct to the final consumer. The unit seeks to bring together the professional, creative and real world opportunities available in fashion industry selling strategies, with the business planning and sustainability strategies required for profitability. You will acquire skills and knowledge that will support and enhance your understanding of current and future trends in fashion business planning, entrepreneurial acumen and sales logistics, through practical application of the practices and strategies researched.

KFB210 Fashion and Costume in Film

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit studies 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.

KFB211 Product Design and Development in the Fashion Industry

Pre-requisites	KFB103
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

KFB301 Design Studio 5

Pre-requisites	KFB202 or KFB404
Equivalents	KFB405
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This sequence of six Design Studio units is fundamental to the course and focuses on the integration of design principles with the practical skills and understandings of pattern engineering and garment design and construction. Design Studio in the final year allows students the opportunity to further immerse themselves in the development of their own product or range. Design Studio 5 acts as a stage one of the final project and forms the research and development phase of the project. During this unit, students formulate their final project for prototyping and completion in Design Studio 6.

KFB302 Design Studio 6

Pre-requisites	KFB301 or KFB405
Equivalents	KFB406
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit is the capstone Design Studio experience and aims to provide students with the opportunity to synthesise prior learning, within university and the workplace, through the production of a final year project. Within this unit students develop confidence and the ability to work with minimal supervision in preparation for graduation.

KFB303 Fashioning Futures

Equivalents	KFB412
Credit Points	12
Campus	Kelvin Grove

Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit aims to provide you with an opportunity to identify relevant issues relating to your planned career and to position yourselves effectively for entry to industry, community-based projects or postgraduate study.

KFB305 Critical Fashion Studies

Pre-requisites	Completion of 48cp of Fashion discipline units (KFB% units)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Critical Fashion Studies is the final undergraduate unit in the suite of Fashion Studies units. It consolidates and extends material covered in fashion units such as Unspeakable Beauty (1 & 2) and Contemporary Fashion. In order to develop a critical understanding of fashion it is important that you are introduced to theoretical models and critical debates in the area of fashion scholarship. Embracing an interdisciplinary approach characteristic of current fashion scholarship this unit provides a basis for you to research specific areas of interest in the field of fashion studies. It provides a critical academic context for students interested in pursuing an Honours or Post-Graduate pathway in the Fashion Discipline.

KIB100 Design and Creative Thinking

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Design processes and creative thinking are at the core of interactive and visual design disciplines. This unit offers an introduction to the processes and methods designers employ when designing in a contemporary cross-discipline environment. The unit is offered at beginning of the Interactive and Visual Design course in order to provide you with a foundation in design and creative thinking. Through the combination of a theoretical overview with hands-on design challenges, this unit will introduce you to ways of design thinking and solving design problems.

KIB101 Visual Communication

Equivalents	KIB801
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Communication Design deals with visual communication and the creation of meaning through images. This unit will introduce you to the principles, production and presentation of visual design and communication.

KIB102 Visual Interactions

Pre-requisites	KIB101 or KIB801 or KPB101 or KPB150 or KPB155
Equivalents	KIB802
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit further develops interface design skills for communications technologies including design priorities,Interaction, visual systems, refinement of concepts, project analysis and problem solving through presentation models.

KIB103 Introduction to Web Design and Development

Anti-requisites	INB271, KIP403
Equivalents	KIB807, KKB007, KKB818
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit provides an introduction to theories and skills underpinning the application of multimedia technology with the Creative Industries, providing a foundation of conceptual and practical skills related to contemporary modes of electronic hypermedia production, communication and publishing.

KIB109 Design for Interactive Media

Pre-requisites	KIB101 or KIB103 or KIB801 or KIB807 or KKB007 or KKB818 or KIP401 or KIB201 or KIB202
Equivalents	KIB214, KIB210
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Designing for contemporary media requires a sophisticated understanding of how we effectively interact with new technologies, software applications, displays 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 by Interaction Designers through a series of lectures and tutorials. These principles are then applied to authentic design briefs within design studios.

KIB120 Graphic Design

Pre-requisites	KIB101 or KIB801 or KIP401
Anti-requisites	KVP401
Equivalents	KVB204
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

An ability to create and promote atractive and effective messages is the aim of graphic design. In this unit, you will build upon the knowledge and skills you have gained in visual communication to consolidate an advanced understanding of how graphic design works in our contemporary society. This unit is focused on the design process and projects (publications, corporate identity, digital media and advertising), with an emphasis on image creation and production to visually communicate myriad concepts.

KIB201 Concept Development for Game Design and Interactive Media

Equivalents	KIB816
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

KIB202 Enabling Immersion

Pre-requisites	KIB201
Equivalents	KIB814
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

As creative practitioners within a highly networked technological society, it is important to develop a critical understanding of how the application of technology influences modes of communication, production processes and creative practices, particularly within the Creative Industries. This unit provides an introductory overview of the philosophies underlying applications of technology, and critically examines current applications in order to explore creative visions of future technology.

KIB204 Web Interface Design

Pre-requisites	(KIB103 or KIB807 or KKB007 or KKB818) and (KIB102 or KIB120 or KIB802 or KVB204)
Equivalents	KIB230, KIB211
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Effective interface design is an essential aspect of contemporary communication. In the production of digital media forms, such as web sites or mobile applications, you will need to have an in-depth understanding of how visual design and communication principles apply to the creation of visual interfaces. You will also need to understand the effective and integral relationship between interface and interaction design. This unit provides the knowledge and skills in interface design that will be required to design effective interactive media, which you will apply in future studies in Interactive and Visual Design.

KIB205 Programming for Visual Designers and Artists

Equivalents	KIB210
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

As part of a contemporary art and design production, practitioners often need to understand aspects of computer programming. This unit provides artists and designers with an introduction to computer programming. It demonstrates how artists and designers use programming within their practices and introduces the principles of programming that will allow you to use computing as a tool for art and design 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 arel developed and applied to the development of art and design outcomes in a studio setting.

KIB207 Theories of Visual Communication

Pre-requisites	(KIB120 or KVB204) and completion of 96cp of study
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit aims to build on your understanding of the principles of visual communication and its role on determining the values of our contemporary cultures and societies. Through theory and discussions you will critique and analyse images and visual designs applied to multiple contexts.

KIB216 Advanced Web Design

Pre-requisites	KIB204 or KIB230
Equivalents	KIB211, KIB817
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

KIB231 Typography and Illustration

Pre-requisites	KIB120 or KVB204
Equivalents	KIB335
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

There are many design principles and elements to consider in the creation of an effective visual message. The elements of typography and illustration share a complementary relationship where type can be image and image can be type. Through this unit you will review aspects of typography history and roles of illustration, and will experiment with illustration, image production, typographic design and composition.

KIB309 Embodied Interactions

Pre-requisites	KIB216 or KIB205 or INB385
Equivalents	KIB311
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

KIB314 Tangible Media

Pre-requisites	KIB309
Equivalents	KIB311
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit extends the understandings of tangible media interfaces and applications gained in the embodied interactions unit. In this unit students will develop a tangible media project from concept through to design, production and evaluation. Theoretical understandings on tangible media object design, interaction and installation gained through lectures will be supplemented with production skills in workshops, and applied to the development of tangible media works in design studios.

KIB315 Contemporary Issues in Digital Media

Pre-requisites	Completion of 168cp of study
Equivalents	KIB813
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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. 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.

KIB322 Professional Practice for Designers

Pre-requisites	Completion of 168 credit points of study
Equivalents	KIB806
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

KIB338 Print Media

Pre-requisites	KIB120 or KVB204
Anti-requisites	KCP361, KCP405
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit builds on the visual communication and graphic design units to develop specialist skills in design layout and the creative production integrated design experiences that include print and digital media. It will introduce the theory and principles involved in combining text, image and design elements into a coherent design layout and will extend this theory into practice through the development of advanced print and digital publishing techniques. Theoretical understandings and technical skills will be developed through studio sessions and applied to the production of team-based, professional quality integrated projects.

KIB340 Visual Information Design

Pre-requisites	KIB120 or KVB204
Equivalents	KIB211
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

We encounter information design every day. It has become an essential aspect of contemporary communication. The field of information design has grown rapidly in the past decade and is now routinely employed across many fields where the visual display of complex data, events, and phenomena provide concise explanations, new insights and even discoveries. Information Design is used in many fields, including product information, way-finding, mapping, biology, transport, news and journalism, interaction and interface design, and systems diagrams. The demand for visual communcators with expertise in information design continues to grow. In the interpretation and production of information design you will extend your understanding of visual design and communication principles to include principles for effective information design. This unit provides advanced knowledge and skills in visual information design, which will be applied in design outcomes for a range of contexts.

KIP401 Critical Practices in Visual Design

Anti-requisites	KIB101, KIB801
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Communication Design deals with visual communication and the creation of meaning through images. This unit will introduce you to the principles, production and presentation of visual design and communication.

KIP402 Designing Interactions

Anti-requisites	KIB102, KIB802
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit further develops interface design skills for

communications technologies including design priorities, visual systems, refinement of concepts, project analysis and problem solving through presentation models.

KIP403 User Experience Design

Anti-requisites	KIB103, KIB807
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit provides an introduction to theories and skills underpinning the application of multimedia technology with the Creative Industries, providing a foundation of conceptual and practical skills related to contemporary modes of electronic hypermedia production, communication and publishing.

KIP412 Advanced Practice in Interactive and Visual Design

Pre-requisites	Admission into KK86MJR-INVISDN - Interactive and Visual Design Major
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit builds on up to dated knowledge and techniques through experimental and innovative production activities with practical and realistic approaches. Through the exploration of current interactive, animation and visual design issues, you will develop design discourse and visual design principles to enhance your interactive, animation, visual design and communication capacities.

KJB101 Computational Journalism

Credit Points	12
Campus	Kelvin Grove and Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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, usergroups, and listservers.

KJB102 Introduction to Journalism, Media and Communication

Equivalents	KCB110
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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	KJP420, KKB020, KKP420
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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

Anti-requisites	KJP401
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Anti-requisites	KJP402
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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	KJB121 or KJP402
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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	KJB120 or KWB107 or KWB381 or KWB116
Anti-requisites	KJP403
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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	KJB121
Anti-requisites	KJP404, KJB232
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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	KJB120 or KJP401
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

-

KJB304 Sub-Editing

Pre-requisites	KJB120 or KJP401
Equivalents	KJB322
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit builds on units such as KJB120/KJP401 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 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
Teaching Periods	2014 SEM-1 (INT)

-

KJB336 Radio and Television Journalism 2

Pre-requisites	KJB235
Equivalents	KJB338
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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	KJB120
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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, that 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.

KJP400 Theories of Journalism

Equivalents	KJP105
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit introduces students to major bodies of knowledge and research about journalists, their relationship with audiences, their professional routines and practices, the contexts they operate in, the products they create, and their impact on society. Students will undertake substantial reading and critical inquiry to develop a comprehensive understanding of a selected journalism theories, principles or processes.

KJP401 Newswriting

Equivalents	KJP120
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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; the evolution and theories of reporting.

KJP402 Journalistic Inquiry

Anti-requisites	KVP402
Equivalents	KJP121
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 will have opportunities to write stories related to different news rounds throughout the semester.

KJP403 Feature Writing

Equivalents	KJP224
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

In this unit you will conduct interviews and other research that you use to write Internet, newspaper and magazine articles that profile personalities or that treat processes, events and places to exploit their human-interest value.

KJP404 Radio and Television Journalism 1

Pre-requisites	KJP401 or KJP120 or KJP402 or KJP121
Anti-requisites	KJB235
Equivalents	KJP232
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

In this unit the practical and theoretical aspects of radio and television media are studied and applied through production of broadcast news programs. You learn styles and use, and the evaluation of television and radio products. Strong emphasis is placed on current affairs knowledge.

KJP420 Photojournalism

Equivalents	KKP420
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (BLK)

Digital media increase the communication opportunities and challenges confronting creative professionals. This unit provides both an understanding of this changing communication environment and the application of digital photography principles and digital photography skills to enhance communication practice with visual design elements. In this unit students develop and apply digital photographic skills to explore this rapidly changing communication environment. Students enrolling in this unit should have a fundamental working knowledge of an SLR digital camera. Classes will explore technical approaches to digital photography, including press photography, photojournalism, documentary photography, landscape and portrait photography. * KKP420 has been recoded KJP420 from 2013.

KKB101 Creative Industries: People and Practices

Equivalents	KKD101
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

KKB101 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.

KKB102 Creative Industries: Making Connections

Equivalents	KKD102
Credit Points	12
Campus	Caboolture and Kelvin Grove

Teaching Periods	2014 SEM-2 (INT)

The ability to work collaboratively and to communicate effectively is essential for all Creative Industries professionals. In this unit you 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 KKB101 Creative Industries: People and Practices and examines the practical requirements of creative entrepreneurship, and working collaboratively.

KKB201 Teaching Primary Music, Visual Arts and Media

Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Through both practical and theoretical contexts, you are introduced to curriculum planning and teaching in primary Visual Arts, Music and Media using The Arts Years 1 to 10 Syllabus (Queensland Studies Authority, 2002).

KKB202 Teaching Primary Dance and Drama

Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Through both practical and theoretical contexts, you are introduced to curriculum planning and teaching in primary Dance and Drama using The Arts Essential Learnings, (2008)

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
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

It is important that Creative Industries students gain real world work experience in order to link university study with professional practice in their chosen industry. 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 (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.

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
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

It is important that Creative Industries students gain real world work experience in order to link university study with professional practice in their chosen industry. 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 (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.

KKB345 Creative Industries Project 1

Pre-requisites	Completion of 72 credit points of Creative Industries units (K% or D% units)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 CI Wil Hub Blackboard site (log on to BB > Community Finder tab > Creative Industries Faculty > CI_Transitions). 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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 CI WIL Hub Blackboard site (log on to BB > Community Finder tab > Creative Industries Faculty > CI_Transitions). 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.

KKB347 Becoming A Researcher: Understandings, Skills and Practices

Pre-requisites	Completion of 192cp of study
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit for final year Creative Industries students is designed as a preparation for the Creative Industries Faculty Honours program and/or as an introduction to professional and commercial research contexts.

KKB350 Creative Industries International Study Tour

Pre-requisites	Completion of 72 credit points of Creative Industries units (K% or D% units)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 international creative industries practice in creative cities. Creative cities contain creative precincts managed by internationally recognised cultural producers, designers, and professionals that include art museums, galleries, fashion houses, production houses, tourist districts and the like. The unit examines the culture that is produced and exhibited in the city (or cities) selected for the tour and provides opportunities for students to interact with internationally recognised creative artists and cultural professionals. IMPORTANT: The cost of the 2-3 week tour is estimated at between four and five thousand dollars.

KKB351 Work Integrated Learning 3

Pre-requisites	KKB342 or BEB702
Anti-requisites	BEB703
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

It is important that design 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	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Units

It is important that design 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
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP2 (INT)

This unit draws upon cutting edge research into the distinctive characteristics of the creative industries and the creative workforce to introduce you to study and work as an emerging inter-disciplinary creative practitioner. You will investigate creative career possibilities and opportunities, and develop essential information literacy and written communication skills for both academic and professional contexts. You will envision potential creative career pathways, discover which skills you'll need, and plan your course of study in the BCI. The intention of this unit is to develop your capacity to build a sustainable lifelong career in the creative industries, by introducing you to creative industries disciplines, inter-disciplinarity, and the careers of creative industries practitioners. The unit will help you plan your course of study in line with your career interests and potential career opportunities. It will also enhance your research, written communication and critical thinking skills for various professional and academic purposes.

KKD102 Creative Industries: Making Connections

Equivalents	KKB102
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT); 2014 13TP1 (INT)

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 contributing to cultures and establishing connections with communities. This unit aims to foster students skills as a collaborator and a communicator in the Creative Industries. Students will be introduced to theoretical aspects of community and cultural development as well as the practical, ethical and legal considerations involved in working with communities and potential project sponsors. The unit will support students to develop fundamental visual and oral communication skills for effective participation in students' studies and future professions within the creative industries.

KKN320 Postgraduate Workplace Learning

Equivalents	KKN330, KKN340-1, KKN340-2
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

It is important that Creative Industries students gain real world work experience in order to link university study with professional practice in their chosen industry. 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 postgraduate-level unit is offered as part of certain courses where students are expected to apply transferable skills to a workplace or professional context.

KKN330 Postgraduate Workplace Learning

Equivalents	KKN320, KKN340-1, KKN340-2
Credit Points	24
Campus	null

It is important that Creative Industries professionals gain real work experience in order to link university study with professional practice. Students need to equip themselves not only with skills and discipline knowledge but also with understandings and experience in order that they may function and flourish when they enter the workplace. This elective unit is offered during postgraduate courses so that students are able to apply appropriate, transferable skills to a workplace or professional context.

KKN340 Postgraduate Workplace Learning

Pre-requisites	KKN340-1
Equivalents	KKN320, KKN330
Credit Points	12
Campus	null

It is important that Creative Industries professionals gain real work experience in order to link university study with professional practice. Students need to equip themselves not only with skills and discipline knowledge but also with understandings and experience in order that they may function and flourish when they enter the workplace. This elective unit is offered during postgraduate courses so that students are able to apply appropriate, transferable skills to a workplace or professional context.

KKN340 Postgraduate Workplace Learning

Equivalents	KKN320, KKN330
Credit Points	12
Campus	null

It is important that Creative Industries professionals gain real work experience in order to link university study with professional practice. Students need to equip themselves not only with skills and discipline knowledge but also with understandings and experience in order that they may function and flourish when they enter the workplace. This elective unit is offered during postgraduate courses so that students are able to apply appropriate, transferable skills to a workplace or professional context.

KKP001 Entrepreneurship in the Creative Economy

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Entrepreneurial skills are valuable assets to both the creative practitioner and creative industries management. This unit outlines the effectiveness of an entrepreneurial education in the creative economy. This unit aims to provide the creative industries practitioner/management with an understanding of the theory and practice of entrepreneurship by integrating the concepts, definitions, skills and techniques required for an entrepreneurial approach to creative industries.

KKP002 20:20 Vision: Imagining the Creative Future

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

One condition of late modernity is rapid change and an increasing rate of change. This unit will address the drivers of change, the impact change has now and is likely to have in the mid term and how the creative industries formulation responds to these larger societal forces. Understanding of the dynamics of these forces is crucial for creative industries practitioners and professional in order to shape a future characterised by the creation of innovative action, forms and thought.

KKP003 Project Design in the Creative Industries

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The cohesive and reflexive nature of creative producers permits their successful skill transfer to a variety of employment. Understanding the importance of collaboration and professional networking in the Creative Industries is therefore essential. The unit aims to critique the relevance of collaboration and professional networking to the creative practitioner/manager and combines these with relevant project management skills.

KKP004 Innovation in the Creative Industries: Major Project

Co-requisites	KKP004-1
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This major project is the final and culminating activity of the Master of Creative Industries. 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 a

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	KKP003 and completion of 96cp
Co-requisites	KKP004-2
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This major project is the final and culminating activity of the Master of Creative Industries. 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 a 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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This major project is the final and culminating activity of the Master of Creative Industries. 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 a 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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This major project is the final and culminating activity of the Master of Creative Industries. 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 a innovative firm or company or a piece of scholarly enquiry which addresses the challenges of innovation within one of the creative industries.

KKP400 Honours Project

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The Honours project is the major component of the Honours year in Creative Industries. As the Honours year builds upon a completed undergraduate degree, the project gives you the opportunity to pursue an in-depth project over two semesters that can be a) a thesis dissertation or b) a project is made up of critical work (an exegesis) produced in association with professional or creative practice. This work thus demonstrates advanced competence, skills or analytical ability in a chosen discipline and/or interdisciplinary skills or analytical ability. KKP400 is a multi-component unit and all five components must be completed to obtain final credit points.

KKP400 Honours Project

Pre-requisites	KKP400-4 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The Honours project is the major component of the Honours year in Creative Industries. As the Honours year builds upon a completed undergraduate degree, the project gives you the opportunity to pursue an in-depth project over two semesters that can be a) a thesis dissertation or b) a project is made up of critical work (an exegesis) produced in association with professional or creative practice. This work thus demonstrates advanced competence, skills or analytical ability in a chosen discipline and/or interdisciplinary skills or analytical ability. KKP400 is a multi-component unit and all five components must be completed to obtain final credit points.

KKP400 Honours Project

Pre-requisites	KKP400-3 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The Honours project is the major component of the Honours year in Creative Industries. As the Honours year builds upon a completed undergraduate degree, the project gives you the opportunity to pursue an in-depth project over two semesters that can be a) a thesis dissertation or b) a project is made up of critical work (an exegesis) produced in association with professional or creative practice. This work thus demonstrates advanced competence, skills or analytical ability in a chosen discipline and/or interdisciplinary skills or analytical ability. KKP400 is a multi-component unit and all five components must be completed to obtain final credit points.

KKP400 Honours Project

Pre-requisites	KKP400-2 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The Honours project is the major component of the Honours year in Creative Industries. As the Honours year builds upon a completed undergraduate degree, the project gives you the opportunity to pursue an in-depth project over two semesters that can be a) a thesis dissertation or b) a project is made up of critical work (an exegesis) produced in association with professional or creative practice. This work thus demonstrates advanced competence, skills or analytical ability in a chosen discipline and/or interdisciplinary skills or analytical ability. KKP400 is a multi-component unit and all five components must be completed to obtain final credit points.

KKP400 Honours Project

Pre-requisites	KKP400-1 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The Honours project is the major component of the Honours year in Creative Industries. As the Honours year builds upon a completed undergraduate degree, the project gives you the opportunity to pursue an in-depth project over two semesters that can be a) a thesis dissertation or b) a project is made up of critical work (an exegesis) produced in association with professional or creative practice. This work thus demonstrates advanced competence, skills or analytical ability in a chosen discipline and/or interdisciplinary skills or analytical ability. KKP400 is a multi-component unit and all five components must be completed to obtain final credit points.

KKP401 Honours Graduate Seminar

Equivalents	KKN002
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This is a seminar program of formal presentations and in-class workshops designed to review your progress to date and to assist in refining key areas of your project prior to submission for examination. You are expected to notify your project supervisor of your content in this unit and invite your supervisor to the oral presentation of your research findings.

KKP409 Approaches to Honours Enquiry

Co-requisites	KKP400-1
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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. You will be undertaking this unit with your Honours cohort and attending certain lectures in the postgraduate mode for this material, KKP601 Approaches to Enquiry in the Creative Industries, as nominated by the Honours Coordinator.

KKP601 Approaches to Research in the Creative Industries

Equivalents	DEB701, KKP609, KKP624
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 Project Development in the Creative Industries

Pre-requisites	KKP623
Equivalents	KKN065
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit aims to provide Creative Industries practitioners with an understanding of the theory and practice of project development through an integrated view of the concepts, skills, tools and techniques involved in testablishing Creative Industries projects. The unit will develop capacities to develop and present an in-depth project/business proposal for a creative industries project or business.

KKP606 Creative Industries Final Seminar

Pre-requisites	KKP622
Equivalents	KKN072
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This culminating unit is dedicated to the reporting of research outcomes to a collegial group of peers, industry partners and fellow higher degree students. In addition to a written report encompassing an innovative doctoral package of publishable standard, candidates present a public seminar on their Creative Industries professional projects by drawing on the theoretical frameworks developed during their doctoral journey, together with their lived experience of project planning and implementation.

KKP607 Advanced Professional Practice 1

Equivalents	KKN011
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The successful integration of artistic practice with audience and business development lies at the heart of career sustainability in the Creative Industries. This unit is the first of two professional practice units designed for music professionals to develop an integrated approach to their creative practice through intensive, applied, and collaborative exploration, combined with individual reflective analysis. The unit is taught in intensive mode by industry experts over four weekends during the semester and mentored by adademic supervisors in your discipline throughout the semester.

KKP608 Advanced Professional Practice 2

Equivalents	KKN013
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Improving professional practice in the Creative Industries is an iterative process that requires ongoing cycles of planning, implementation, analysis, and reflection. This unit builds upon Approaches to Professional Practice 1 to extend and refine your ability to plan, implement, and analyse your professional music project. You will work with your academic supervisors and mentors to implement advice received in intensive workshops and group-specific advice given by visiting industry experts. Together with Advanced Professional Practice I, this unit provides a systematic framework for the development of your professional practice.

KKP609 Approaches to Media, Communication and Cultural Research

Co-requisites	IFN001
Equivalents	DEB701, KKP601, KKP624
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

KKP613 MFA Project

Pre-requisites	KKP613-1 and KKP613-2. KKP613-1 and KKP613-2 can be enrolled in the same teaching period as KKP613-4
Co-requisites	KKP613-3
Equivalents	KKN010-4
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This is a multi-part unit. It aims to consolidate and advance the learning of previous project units into the final iteration of your MFA project work. You will create and present your integrated original works and these will be assessed by industry peers. In order to become an active professional artist within a creative industries environment you need to develop your disciplinary skills and understandings in a broad interdisciplinary and collaborative context. Your work environment is likely to be project-based and you therefore need to develop and demonstrate effective project management skills and self-reliance in planning, producing, promoting, and managing your creative work.

KKP613 MFA Project

Co-requisites	KKP613-2
Equivalents	KKN010-1
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This is a multi-part unit. It aims to consolidate and advance the learning of previous project units into the final iteration of your MFA project work. You will create and present your integrated original works and these will be assessed by industry peers. In order to become an active professional artist within a creative industries environment you need to develop your disciplinary skills and understandings in a broad interdisciplinary and collaborative context. Your work environment is likely to be project-based and you therefore need to develop and demonstrate effective project management skills and self-reliance in planning, producing, promoting, and managing your creative work.

KKP613 MFA Project

Co-requisites	KKP613-1
Equivalents	KKN010-2
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This is a multi-part unit. It aims to consolidate and advance the learning of previous project units into the final iteration of your MFA project work. You will create and present your integrated original works and these will be assessed by industry peers. In order to become an active professional artist within a creative industries environment you need to develop your disciplinary skills and understandings in a broad interdisciplinary and collaborative context. Your work environment is likely to be project-based and you therefore need to develop and demonstrate effective project management skills and self-reliance in planning, producing, promoting, and managing your creative work.

KKP613 MFA Project

Pre-requisites	KKP613-1 and KKP613-2. KKP613-1 and KKP613-2 can be enrolled in the same teaching period as KKP613-3
Co-requisites	KKP613-4
Equivalents	KKN010-3
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This is a multi-part unit. It aims to consolidate and advance the learning of previous project units into the final iteration of your MFA project work. You will create and present your integrated original works and these will be assessed by industry peers. In order to become an active professional artist within a creative industries environment you need to develop your disciplinary skills and understandings in a broad interdisciplinary and collaborative context. Your work environment is likely to be project-based and you therefore need to develop and demonstrate effective

project management skills and self-reliance in planning, producing, promoting, and managing your creative work.

KKP615 Graduate Seminar

Pre-requisites	KKP601 or KKP624 or KKP609 or KKN020
Equivalents	KKN200
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (INT)

At the postgraduate level, it is important that, as researchers, you connect your project to larger research issues and activities across the creative industries. This seminar-based unit fosters a culture of discussion and debate amongst creative industries research candidates. The seminars offer you the opportunity to share the outcomes of your research and discuss the writing of the thesis/exegesis. This unit is taken during the latter half of candidature when you are best able to report on your research.

KKP616 Postgraduate Independent Study

Equivalents	KKN006
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

KKP620 Introduction To Reflective Practice

Equivalents	KKP602, KKN061
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit investigates the intuition and tacit knowledges that inform and inspire your creative practice by building the conceptual framework for being a reflective practitioner. Texts, terminologies and processes will be discussed and analysed within the context and forms of your practice.

KKP622 Advanced Reflective Practice

Pre-requisites	KKP603 and KKP623
Equivalents	KKP605, KKN062
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SUM (BLK)

This unit provides for a thorough analysis of the reflective practitioner process as it applied to students and their colleagues during DCI Professional Project I. Patterns of engagement and response in the workplace are analysed during a process of re-theorising and conceptual review. Conceptual reference points for analysing 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 culimates in a public presentation of the process and outcomes of DCI Project 1, underpinned by the framework of the professional practioner in site and field.

KKP623 Reflective Practice in Action

Anti-requisites	KKP620, KKP621
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit introduces and explores the processes involved in undertaking critical, systematic reflection into professional and creative practice. While acknowledging that practice in the Creative Industries incorporates a multitude of processes and approaches across a range of disciplines in diverse contexts, this unit seeks to develop a personal and serviceable model for reflection on practice. The unit forms the basis for subsequent research in the professional practice research projects which drive the course.

KKP624 Approaches to Design Research

Pre-requisites	Admission into IF49 or KK51 or KK59 or KK60
Equivalents	KKP601, KKP609
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

KKZ301 Creative Industries in Asia

Credit Points	12
Campus	Chinese University of HongKong
Teaching Periods	2014 5TP5 (INT)

Creative Industries in Asia introduces students to media and cultural developments that are both familiar and complex. The familiarity comes from the fact that Asian pop culture is dynamic and shared across the region; the complexity is based on the fact that these Asian creative industries must compete with global creative industries. The unit looks at three levels of interaction in Asia's creative industries: policy making, markets and grassroots. Students have the chance to draw on local examples in assignments.

KKZ302 Global Media and Communication

Credit Points	12
Campus	Chinese University of HongKong
Teaching Periods	2014 6TP4 (INT)

This unit provides an advanced-level overview of key developments in 21st century global media and communications. It considers the theoretical underpinnings of global media from perspectives including mass communications, political economy, cultural studies, and professional practice. It will examine major international developments in media and creative industries through a grounded case study approach into global media organisations, production processes, audience behaviour, and public policy.

KKZ341 Internship

Pre-requisites	Completion of 144cp of KZ30 units (KCZ% and KKZ%)
Equivalents	KKB341
Credit Points	12
Campus	Chinese University of HongKong
Teaching Periods	2014 5TP8 (INT)

It is important that Creative Industries students gain real work industry-based experience in order to link university study with professional practice. Students need to equip themselves not only with skills and discipline knowledge but also with understandings and experience in order that they may function and flourish when they enter the workplace. This advaced unit is offered during the final year of an undergraduate degree course at which time students are able to apply appropriate, transferable skills to a workplace or professional context.

KMB003 Sex Drugs Rock 'N' Roll

Equivalents	KMB640
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

In this unit, you will gain an insight into the interaction between music and society by analysing the artistic, cultural, economic, and political contexts of popular music in the 20th and 21st centuries. This insight is grounded in the critical examination of your personal relationship to music, and the study of diverse and dynamic musical styles and genres.

KMB004 World Music

Equivalents	KMB631
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

You will gain an awareness and better understanding of world music, its particular significance within Australia and its impact upon contemporary music through a series of lectures, demonstrations and tutorials.

KMB107 Sound, Image, Text

Equivalents	KMB638
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit focuses on the rich and varied relationship between sound and image in a number of media and artforms, including film, music video, theatre, installation, mixed media performance and many more.

KMB119 Music and Sound Production 1

Equivalents	KMB108, KMB621
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit introduces students to the fundamentals principles of music and sound production through a mix of theory and practice. Students gain an understanding of sound recording, sound production and live sound reinforcement and develop listening skills essential for music and sound production.

KMB122 Music and Sound Concepts 1

Equivalents	KMB130, KMB632
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This is the first of two units exploring and engaging with key concepts in music and sound. The unit encompasses both criticism and analysis as well as creative practice and experimentation and draws on a wide spectrum of contemporary and historical music and sound examples.

KMB129 Music and Sound Production 2

Equivalents	KMB105, KMB619
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit builds on Music and Sound Production 1. It introduces students to sound synthesis and signal processing and extends the students 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.

KMB132 Music and Sound Concepts 2

Pre-requisites	KMB122
Equivalents	KMB131, KMB633
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This is the second of two units exploring and engaging with key concepts in music and sound. The unit extends the critical and analytical skills developed in Music and Sounds Concepts 1 as well as developing a broader understanding of strategies for creative practice and experimentation by critically listening to a wide spectrum of contemporary and historical music and sound examples.

KMB140 Creative Studio 1

Anti-requisites	KMB125, KMB110, KMB657, KMB120, KMB651
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Successful musicians need to form and negotiate their creative identity within a complex field of practice. They need to develop critical skills to understand their music in context and how it can be connected to an audience. This unit builds students' critical and practical skills in the creation and presentation of music. As the first of two foundation units in creative music practice, it provides an opportunity for students to explore and present musical ideas with peers, at an introductory level, in a staff directed environment.

KMB141 Creative Studio 2

Pre-requisites	KMB140 or KMB125 or KMB110 or KMB657 or KMB120 or KMB651
Anti-requisites	KMB135, KMB111, KMB658, KMB121, KMB652
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit builds on, and extends, the concepts relating to the creation and presentation of music and sound covered in Creative Studio 1. It introduces to students to a broader range of contemporary approaches to music creation and presentation and assists students in developing a critical approach to the identification of skill and resource requirements associated with different music practices. As the second of two foundation units in creative music practice, it develops and consolidates students' skills in exploring and presenting musical ideas with peers in a controlled, staff directed environment.

KMB200 Music Scenes and Subcultures

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

This unit gives a working knowledge of the structural, legal and business aspects of the Australian music industry 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
Teaching Periods	2014 SEM-1 (INT)

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 required to build interactive media works.

KMB219 Music and Sound Production 3

Pre-requisites	KMB129 or KMB105 or KMB619
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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	KMB141 or KMB135 or KPB105 or KMB111 or KMB658 or KMB121 or KMB652 or KPB185 or KPB260
Equivalents	KMB214-2
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit builds on, and extends, the concepts relating to music creation and presentation covered in Creative Studio 1 and 2. It assists students in establishing their identity as an artist and locating their work within a broader field of practice. It will also introduce students to the role of the creative collaborator. The unit will introduce students to strategies for audience engagement, promotion and event curation. In consultation with studio staff, students will formulate a program of work for the semester that allows them to identify and investigate their personal artistic direction. Students will also be introduced to the design and execution of successful music events and presentations.

KMB229 Music and Sound Production 4

Pre-requisites	KMB219
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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 or KMB214-2 or KMB138
Equivalents	KMB214-2
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Successful musicians and sound designers need to form and negotiate their creative identity within a complex field of practice. They need to develop critical skills to understand their work in context and how it can be connected to an audience. This unit continues to develop students' critical aural and practical skills from Creative Studio 1, 2 and 3. With staff mentorship, it provides an opportunity for students to explore, plan and present their work with peers and individually to both on and off-campus. It assists students in the continuing development of their identity as an artist by locating their work within a broader field of practice, as well as extending them in the role of the creative collaborator.

KMB250 Creative Performer 1

Pre-requisites	(KMB141 or KMB135) and KMB119 and KMB129
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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

Pre-requisites	KMB129
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit builds on previous sound design knowledge and uses a range of tools to design and develop sound content for multi platform television, mobile phones, web, games, virtual worlds and social networks. Students gain an understanding of a variety of working methods and delivery formats 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
Teaching Periods	2014 SEM-1 (INT)

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.

KMB325 Creative Studio 5

Pre-requisites	KMB235
Equivalents	KMB314-2
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit builds students' skills working in self-directed environments as project initiators, and as active collaborators on projects devised by peers. Students will explore, in greater detail, strategies for audience engagement, music curatorship, and event promotion and will critically examine the approaches of successful music and sound professionals. In consultation with studio staff, students will devise a program of work for public presentation alongside a marketing and promotion plan. Students will examine the relationships between live performance/presentation and recording, both creatively and as tools for audience engagement. Students will also engage in the critical analysis and recognition of music and sound techniques and applications.

KMB329 Music and Sound Production 6

Pre-requisites	KMB319
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

KMB335 Creative Studio 6

Pre-requisites	KMB325 or KMB214-2
Equivalents	KMB314-2
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This capstone unit extends and completes students' skills working in self-directed environments as project initiators, and as active collaborators on projects devised by peers. Students will apply strategies for audience engagement, curatorship, and event promotion. With mentoring from studio staff, students will present a public program of interdisciplinary work designed to engage audiences at a professional level. Critical evaluation of the work by peers, staff and industry professionals will be an integral element of the unit.

KMB350 Creative Performer 3

Pre-requisites	KMB251
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

This capstone unit, the last of four Creative Performer units, examines the student's own musical practice in relation to finding a distinctive performance profile.

KMP101 Music (Primary / Instrumental) Curriculum Studies 1

Anti-requisites	KMB101
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

Anti-requisites	KMB202
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

n 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.

KMP405 Materials of Music

Equivalents	KMN630
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit provides the basis for understanding rhythmic, melodic and timbral organisation and their relationship to texture. The study of textural design has been enriched by recent developments in music technology, enabling music to be heard as pure timbre in the sound media. As well as studying texture, timbre, rhythm and melodic organisation, this unit includes the study of formal devices, processes and analytical techniques that musicians and composers use to generate textures

KMP410 Music Project 1

Equivalents	KMN601
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The successful integration of artistic practice with audience and business development lies at the heart of career sustainability in the Creative Industries. This unit is the first of two music project units designed for students to develop an integrated approach to their creative practice through intensive, applied, and collaborative exploration of the techniques, materials, concepts and approaches that feed into the successful creation of commercially popular music. Projects are mentored in intensive mode by industry experts during the semester and supervised by academic supervisors in your discipline throughout the semester.

KMP411 Music Project 2

Pre-requisites	KMP410 or KMN601 (can be enrolled in the same teaching period)
Equivalents	KMN602
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit is the second of two music project units designed for students to develop an integrated approach to their creative practice through intensive, applied and collaborative exploration.

KNB111 Animation Methodologies

Equivalents	KIB110, KIB220
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Animators have employed a wide range of media to create animated imagery for a variety of contexts. The broad scope of available 2D and 3D media allows images to be developed in diverse ways to display virtual reality, digital three-dimensional objects, traditional two-dimensional formats, stop-motion processes, and integrated effects within live-action motion pictures. Animation Methodologies recognises that any given production technique provides just one of many possible ways to realise an animation project whether for game development, film or television, Web or emergent media. This unit explores the varied nature of animation methods from traditional practices to approaches using digital techniques.

KNB112 Drawing for Animation 1

Equivalents	KVB105, KVB755
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

There are many design principles and elements to consider in the conceptual development and presentation of an idea or visual message. The ability to apply drawing to such a task promotes the development of varied capabilities and technical skills: observation, description, meaning-making, recording, synthesis, interpretation and presentation in visual form. This unit will provide knowledge of the history and techniques of drawing, as well as core skills, and an understanding of its application for concept development, prototyping, and storyboarding. This will provide an important foundation for existing and evolving modes of constructing and presenting effective visual communication.

KNB121 Animation History and Practices

Equivalents	KIB108, KIB825
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The discipline of animation has a long history and varied applications. It appears to us now in many forms. This unit is directed at exploring the creative potential involved in the study of the history and practice of animation. You will be introduced to the life-worlds and regional concerns of past animators and the contribution of their practice to the development of the language of animation. You will be encouraged to engage with and respond to the works, cultures and theories of pioneers of the medium. An awareness of the history and broad application of animation practice will inform the development of critical and reflective frameworks for the contextualisation of your animation and artistic practice.

KNB122 Drawing for Animation 2

Equivalents	KVB106, KVB756
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Animation incorporates conventions and interpretations of dynamic structure in space and time. Core skills and knowledge of drawing provide an essential foundation for existing and evolving modes for construction and presenting animated kinetic images. The discipline of animation requires a diverse range of traditional drawing skills that have been introduced in the prerequisite unit and are now translated into moving images. The emphasis of this unit focuses on the conventions of dynamic animated images in kinetic applications.

KNB123 Animation and Motion Graphics

Equivalents	KIB105
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The field of motion graphics has expanded rapidly, with its application extending beyond the role of cinematic storytelling to applications for title sequences, music promotion, marketing, computer games and information design. This unit provides an introduction to animation and motion graphics concepts and practices, with an emphasis on the principles of design in motion. This unit provides an introduction to the world of animated graphics, paying particular attention to pre-production techniques, design in motion, and idea generation. Through the development of screen-based works, you will apply traditional animation principles and techniques to communicate innovative temporal and spatial design solutions.

KNB124 3D Animation 1

Equivalents	KIB111, KIB203
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

KNB211 3D Animation 2

Pre-requisites	KNB124 or KIB111 or KIB107 or KIB203

Equivalents	KIB225, KIB106, KIB807
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

When creating animated content for production, it is important to develop a solid methodology that allows an animator to work quickly and creativley while maintaining an acceptable level of quality.Being able to take direction and creativly respond to a brief while finding the best way to communicate an idea to an audience is a core skill that takes time to develop. The core communication skills of illustration, motion, blocking and layout follow industry standards in pre-production, and are required for the generation and presentation of ideas, as well as the exploration of form and character.

KNB212 Real-time 3D Computer Graphics

Pre-requisites	KNB124 or KIB111 or KIB107 or KIB203
Equivalents	KIB215, KIB325, KIB310, KIB821
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The rapid improvements of rendering 3D graphics in real-time has seen this field expand beyond its early application to virtual environments and games. The use of real-time 3D technologies to enable virtual cinematography is quickly becoming commonplace. Real-time 3D engines allow directors and cinematographers to interactively direct a virtual camera with the same freedom as a live shoot. This unit provides students with a firm grounding in the practices, concepts and skills associated with asset creation for use in a real-time 3D engine. The content presented lays the critical groundwork for more advanced practices in KIB226 Virtual Environments.

KNB221 Animation: CG Toolkit

Pre-requisites	(KNB123 or KIB105) and (KNB124 or KIB111 or KIB203)
Equivalents	KIB213, KIB221
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Every artist needs to understand their toolkit. For a successful animation career, one must be familiar and competent in the tools and the software used in the creation of animated works. In addition, it is important to understand the processes of production in which these tools are employed. Animation CG Toolkit allows you to familiarise yourself with the tools and techniques of production within a studio environment.

KNB222 Virtual Environments

Pre-requisites	KNB212 or KIB215 or KIB325
Equivalents	KIB226, KIB316, KIB310, KIB821
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

3D Virtual Environments are continuing to be adopted by a wide range of industries providing artists with many more creative outlets and employment opportunities. By learning how to apply their 3D skills to the development of a virtual environment, students are making themselves more versatile as future animators, designers and creative practitioners. This unit builds on the fundamental skills developed in the prerequisite unit (Real-Time 3D Computer Graphics) allowing students to develop a major work for public exhibition.

KNB311 Advanced Concepts in Computer Animation 1

Pre-requisites	(KNB221 or KIB221 or KIB213) and (KNB222 or KIB226 or KIB316 or KIB310 or KIB821)
Equivalents	KIB320, KIB312
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit consolidates your studio working practices, while supporting you to develop advanced skills and concepts in computer animation, character development, cinematic narrative and storytelling and directing. An important part of Advanced Concepts in Computer Animation is to encourage you to pitch, direct and project-manage animated works. This 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.

KNB312 Contemporary Issues in Animation

Pre-requisites	KNB121 or KIB108 or KIB825
Equivalents	KIB302
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Since the arrival of digital technologies, animation has become increasingly pervasive and is now embedded in many disciplines. Contemporary Issues in Animation recognises the diversity of animation practice and explores theoretical and critical debates about its role and place within the context of media globalisation. It examines animation practice across a range of contemporary media; investigates the relationship between evolving digital technologies and existing media; and considers the effect of new animated image forms on the experience of visual culture.

KNB321 Advanced Concepts in Computer Animation 2

Pre-requisites	KNB311 or KIB320
Equivalents	KIB330, KIB313
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

KNP412 Advanced Animation Practices

Pre-requisites	Admission into KK86MJR-ANIMATN - Animation Major
Credit Points	12
Campus	null

It is important when studying animation to be aware of the production practices involved in creating an animated work. This unit provides you with opportunity to engage in an original animated production in response to a project brief.

KNP421 Animation Practices

Equivalents	KIP408, KIB108, KNB121, KIB825
Credit Points	12
Campus	null

This unit explores the creative potential offered by the study of the history and practice of animation. You will be introduced to the cultures and theoretical approaches of past and present animators and the contribution they have made to the development of the language of animation. You will be encouraged to critically analyse, engage with, and respond to their works and reflect on diverse approaches to the use of the medium. A critical approach, developed by this content, provides a context for developing your own personal style and ongoing practice.

KNP423 Animation and Motion Graphics

Equivalents	KIP405, KNB123, KIB105, KIB804
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The field of motion graphics has expanded rapidly, with its application extending beyond the role of cinematic storytelling to applications for title sequences, music promotion, marketing, computer games and information design. This unit provides an introduction to animation and motion graphics concepts and practices, with an emphasis on the principles of design in motion. This unit provides an introduction to the world of animated graphics, paying particular attention to pre-production techniques, design in motion, and idea generation. Through the development of screen-based works, you will apply traditional animation principles and techniques to communicate innovative temporal and spatial design solutions.

KPB101 Introduction to Film, TV and New Media Production

Equivalents	KPB150, KPB155
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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. Lecture delivery by experts in the major production areas of producing, directing, and cinematography, editing and sound informs this practice. You work in groups to produce videos which form a major part of their assessment.

Units

KPB105 Narrative Production

Pre-requisites	KPB101
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit builds on and advances basic understandings, skills and principles delivered in KPB101. 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.

KPB109 Film and TV History

Equivalents	KPB102, KPB359
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Television and film are among the most influential forms of representation developed over the past century. An appreciation of the history and influence of narrative styles and industrial movements emphasizes the important changes in technology and aesthetics that have contributed to making these media potent cultural forces. The history of narrative and movements needs to be considered alongside the production and viewing of television and film as entertainment, information and art.

KPB110 The Movie, TV and New Media Business

Equivalents	KPB106, KPB209
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The movie, TV and new media businesses are key parts of the entertainment industry, which is one of 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.

KPB112 TV and Film Genres

Pre-requisites	KPB113. KPB113 can be studied in the same teaching period as KPB112
Equivalents	KPB103, KPB107
Credit Points	12
Campus	null

Genre is an important concept for creators of film, television, and screen productions; for distributors; and for audiences. Screen genres continue to evolve in response to technological, industrial, entertainment, and cultural imperatives in the contemporary digital media environment. It is therefore important to consider similarities, differences, and connections between related screen genres.

KPB113 TV and Film Text Analysis

Equivalents	KPB108, KPB130
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

In an era when film and television texts are being transformed by digital media formats, media practioners (including creative artists, critics, and educators) value a media literacy based on critical and informed approaches to textual analysis. Taking into account the new media environment, selected techniques for undertaking textual analysis are applied to popular film and television such as blockbuster movies and cult television programs.

KPB114 Researching and Planning Creative Film, TV and New Media Projects

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The ability to research, write and conduct critical analyses are essential undergraduate skills and creative projects require the attributes of a contemporary researcher. By first familiarising students in the general skill set of academic research this unit will then apply this knowledge to specific tasks required as part of the project planning that goes into film, television and new media practices and productions across the three years of the FTVNM course.

KPB115 Editing and Technical Production

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Contemporary editing, audio and vision operational skills require technical understandings and competencies. This demonstration based unit will provide students with an introduction to the technical dimensions supporting audio visual productions and will utilise Editing laboratories, TV Studio and Studio Control room, cameras and sound recording equipment.

KPB116 Introduction to Scriptwriting

Anti-requisites	KWP401
Equivalents	KWB102, KWB111
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Writing scripts for a range of media formats is a learned craft and requires discipline, perseverance and an understanding of industry practice. Possessing this key knowledge will give you abilities to develop concepts through to script stage across various film, television, and new media genres.

KPB201 Experimental Production

Pre-requisites	KPB105 and KPB115
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Through exploration of the historical and theoretical underpinnings of experimental motion picture art, you have the opportunity to develop your creative potential through experimentation. Building on prior knowledge acquired in the production units KPB101 and KPB105, you are encouraged to become willfully nonconformist in approach, drawing on a wide range of traditions from within the genre of Experimental or Avant-Garde film-making.

KPB205 Documentary Theory and Practice

Credit Points	12
Campus	null

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 KP25/KK34 (Film, Screen & 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-KP25/KK34 (Film & Television) students, the unit provides an opportunity to address the theoretical underpinnings of the documentary form, and the processes of documentary production.

KPB206 International Cinema

Equivalents	KPB344
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit examines a range of national cinemas from a global perspective. Key theoretical approaches to national/international 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.

KPB207 Film and Television Scriptwriting

Equivalents	KWB105
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit focuses on the production of a sustained script for film or television.

KPB210 Production Management for Film, TV and New Media

Pre-requisites	KPB110
Equivalents	KPB104
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit considers the role of the producer and executive producer in film and television production with a particular focus on running a production. It considers the following: preparing and running a budget, achieving balance in above-the-line, below-the-line and marketing costs, casting and crewing a production, and legal and copyright issues.

KPB211 Writing Dialogue

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Dialogue is a vital part of any script. It must fit the characters; it must advance the story; it should be interesting, colourful or funny; and it should avoid exposition. In this unit you will learn the skills for writing good dialogue for television, film and new media projects.

KPB212 Australian Film and TV

Equivalents	KPB203, KPB343, KPB106
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit includes the following: study of Australian film and television productions within their cultural and institutional contexts; issues facing the film and television industry today; the construction and circulation of cultural discourses such as national identity, nationalism, gender, ethnicity and class; experimental film and television; indigenous productions; new technological and global challenges.

KPB213 Multi-Camera TV Studio Production

Pre-requisites	KPB105 and KPB115
Equivalents	KPB204
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Students seeking employment in the media production industries require knowledge, skill and experience in a wide variety of production styles, including multi-camera TV studio production. This unit builds on skills and knowledge developed in previous units and provides an understanding of the workings of multi-camera TV studio production and practical production skills as crew members.

KPB214 Single Camera TV Production

Pre-requisites	KPB201
Equivalents	KPB204
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Students seeking employment in the Film and Television industry require knowledge and experience in a wide variety of production styles, including single-camera TV production. This unit builds on skills and knowledge already developed in previous units and provides an understanding of the workings of single-camera TV production and practical production skills as crew members.

KPB302 Project Development for Film, TV and New Media

Pre-requisites	KPB114
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

A key part of the television and film industries is the large amount of time devoted to the development of projects. Substantial resources are devoted to identifying ideas, developing them, script editing and re-writing and market testing. In this unit you will go through this process as you develop a project for production.

KPB303 Critical Thinking About Television and Film

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Students who have an interest in the social function of television, film and new media should be encouraged to think critically about social, cultural and aesthetic issues regarding the media. In this unit you will look at these issues, and learn the skills you need in order to research them and think about them critically.

KPB308 Film and Television Drama Practice

Equivalents	KPB268
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit introduces you to methodologies in the key specialisations of film and television drama. The unit familiarises you with a wide range of stylistic approaches to directing, producing, cinematography, editing and sound. You are expected to assimilate the principles outlined in the unit into KPB306 Film Drama Production and into your own creative work.

KPB313 Producing for Film, TV and New Media

Pre-requisites	Completion of 96cp of study
Equivalents	KPB202
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Producers are key figures in the production of television, film and new media. This unit will take you through the key skills you need to work as a producer, including how to source funding for projects, putting together a creative team, and organising distribution and marketing.

KPB320 Advanced Production (Craft) 1

Pre-requisites	Completion of 108 credit points of KPB coded units (KPB%)
Equivalents	KPB301, KPB360
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Designed for students in their final year of study, this unit includes practice in 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 training in direction, camera and lighting, location sound, vision and sound editing, and new media applications at an advanced level. Specialisation crew positions may be based upon proposed career paths, demonstrated ability, evidence of practice and learning, and approval from department supervisors.

KPB321 Advanced Production (Craft) 2

Pre-requisites	KPB320
Credit Points	24
Campus	null

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 opprotunities for students to specialise in directing, producing, cinematography, sound, vision editing, screenwriting and new media applications at an advanced level.

KPB322 Advanced Production (Producing) 1

Pre-requisites	Completion of 108 credit points of KPB coded units (KPB%)
Anti-requisites	KPB304
Equivalents	KPB270, KPB306, KPB310
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Designed for students in their final year of study, this unit includes practice in short film, television and new media producing in the communication of fictional or non-fictional events. Students work in groups and independently under supervision. The unit provides training in producing at an advanced level.

KPB323 Advanced Production (Producing) 2

Pre-requisites	KPB322 (can be enrolled in same teaching period)
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Designed for students in their final year of study, this capstone unit includes practice in short film, television and new media producing in the communication of fictional or non-fictional events. Students work in groups and independently under supervision. The unit provides training in producing at an advanced level, and builds on and refines the practical skills and theoretical knowledge previously acquired in KPB322 Advanced Production (Producing) 1.

KRB101 Technical Production 1

Co-requisites	KRB105 and KRB111
Anti-requisites	KRB113, KSB113, KSB289
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Technical Production One is an introduction to lighting and sound in a theatrical environment, with basic references to variations in lighting and sound set-ups and operations in more-complex productions, events

and venues.

KRB104 Event Technology Practice

Pre-requisites	KRB101
Credit Points	24
Campus	null

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.

KRB105 Theatrecraft

Co-requisites	KRB101 and KRB111
Equivalents	KSB105, KSB274
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit involves development of practical skills in workshop construction and pre-production areas of stage scenery, props and costumes.

KRB111 Stage Management 1

Equivalents	KSB111
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

KRB120 Scenography and the Art of Technical Theatre

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit introduces students to theoretical concepts and principles associated with scenography, historical trends in technical theatre and the background associated with the broad vocabulary of technical theatre terminology.

KRB121 Visual Theatre

Pre-requisites	KRB120
Equivalents	KSB215
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit introduces students to the concepts and principles associated with traditional visual theatre design. It 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.

KRB211 Stage Management 2

Pre-requisites	KRB111
Equivalents	KSB211
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

KRB212 Stage Management 3

Pre-requisites	KRB211 or KSB211 or KSB293
Co-requisites	KRB218
Equivalents	KSB212, KSB294
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit broadens the skills base for stage managers into production and event management.

KRB217 Technical Production 2

Pre-requisites	KRB114 or KSB114 or KSB018 or KRB104
Co-requisites	KRB211
Equivalents	KSB217, KSB290, KSB213
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit continues the creative and technical use of lighting and sound in performances. It provides an introduction to lighting and sound design and advances in lighting and sound operations in the overall production process. With an emphasis on an environment of increasingly-complex sound and lighting practice, this unit exposes students to a diverse range of venues, equipment and contexts. They will be introduced to the skills and professional protocols demanded by the production process across multiple genres. There is a provision for multi-skilling and management of technical expertise, and students will undertake at least two production roles on a creative industries production or event. Intensive, studio-based classes and seminars and professionally-conducted, rigorous rehearsal periods characterise the teaching and learning in this unit, in productions and events for the paying public.

KRB218 Technical Production 3

Pre-requisites	KRB217
Equivalents	KSB218
Credit Points	24
Campus	null

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 The Scenographic Divide

Pre-requisites	KRB121
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit challenges students to undertake a detailed interrogation of the tensions between the practice of traditional stage design and the theoretical concepts and principles associated with scenography.

KRB221 Intermedial Applications for the Theatre

Pre-requisites	KRB220
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit introduces students to the concepts and principles associated with intermedial applications in the theatre. It 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.

KRB301 Technical Production Practice A

Pre-requisites	(KRB218 or KSB218 or KSB214 or KSB291) and (KRB212 or KSB212 or KSB294)
Equivalents	KSB301, KSB255
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit aims to expose you to the rigors of public performance and production processes by providing you with production-based opportunities. This unit provides students with roles on production and events in senior creative and/or management capacities with the associated professional and management ethic and artistic expectations. In the third year of the course, this unit is placed when you are most able to transfer the theoretical and practical skills you have gained this far in practical production contexts.

KRB302 Technical Production Practice B

Pre-requisites	KRB301
Equivalents	KSB301, KSB255
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit further consolidated the skills acquired in Technical Production Practice A (KRB301), in a professional setting under conditions that you, as a potential graduate, can expect to find in the industry. This unit provides students with roles on productions and events in senior creative and/or management capacities and prepares students for entry into the industry through high-profiled productions; enhancing professional and management ethic and artistic expectations. This unit provides a production-based opportunity different to that undertaken in Technical Production Practice A (eg genre, venue, role).

KRB303 Advanced Technical Production Practice A

Pre-requisites	KRB218
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit aims to expose you to the rigors of industry-standard production processes by providing opportunities in senior creative and/or management capacities with the associated professional and management ethic and artistic expectations. Student can choose to undertake a role on a Creative Industries Production/Event OR Industry Secondment OR Placement with an established production partner/project. This unit aims to encourage 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
Teaching Periods	2014 SEM-2 (INT)

This unit aims to expose you to the rigors of industry-standard production processes by providing opportunities in senior creative and/or management capacities with the associated professional and management ethic and artistic expectations. Student can choose to undertake a role on a Creative Industries Production/Event OR Industry Secondment OR Placement with an established production partner/project. This unit aims to encourage students to be pro-active in seeking opportunities for professional exposure and development. Students who have, previously, undertaken roles on QUT productions (only) can only undertake the Industry Secondment or Placement pathway of this unit.

KSB103 Voice and Movement 1

Co-requisites	KSB107
Equivalents	KSB204
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit is an introduction to an organic approach to body and voice and their integration as the basis for all forms of dramatic expression. All voice and body work complements and supports the emotional freeing demanded in acting classes.

KSB104 Voice and Movement 2

Pre-requisites	KSB103 or KSB204
Equivalents	KSB205
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit builds upon voice and movement skills acquired in KSB103, and applies them to studio performance outcomes. It provides an opportunity for students to explore how developing instrumental skills can be effectively applied into acting contexts.

KSB106 Acting Fundamentals

Anti-requisites	KKFAMJR-ACTING
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Acting Fundamentals is a studio-based exploration of foundational acting principles, providing practical performance skills, including physical and vocal awareness and expression, improvisation and scene analysis.

KSB107 Acting 1

Co-requisites	KSB103
Anti-requisites	KSB101, KSB202
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Actors must learn to trust themselves in their craft and learn that their sensory and emotional apparatus are their artistic medium. This work forms the foundation of the actor's craft and begins the development of the performer's sensory and emotional resources. Emphasis is placed on work that challenges the capability of the actor's instrument intellectually, emotionally, physically and vocally.

KSB108 Acting 2

Pre-requisites	KSB107 or KSB101 or KSB202
Anti-requisites	KSB102
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit further develops your knowledge, understanding and skills in the fundamentals of acting applied to different dramaturgical and staging contexts. It builds on KSB107 Acting 1, and prepares you for performing in projects for stage and screen in your second year.

KSB223 Voice and Movement 3

Pre-requisites	KSB104 or KSB205
Co-requisites	KSB229
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit explores the area of heightened language. The focus is on the technical devices of Shakespearean text. Work developed is performed both on the stage and for camera.

KSB224 Voice and Movement 4

Pre-requisites	KSB223 or KSB233
Equivalents	KSB234
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit develops a vocal and physical technique that supports and serves the professional performer. Advanced voice and body studio work develops physical expressiveness, clarity and strength.

KSB229 Acting 3

Pre-requisites	KSB108 or KSB203
Co-requisites	KSB223
Equivalents	KSB221, KSB247
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit advances the acting process and associated skills through rehearsal and performances of complex text-based plays. With an emphasis on classical texts such as Chekov and Shakespeare, the aim of this activity is to bring dramatic text to life for an audience, creating believable characters, situations and relationships. In addition, students will be introduced to the skills and professional protocols demanded by the audition process. Intensive studio-based work, professionally-conducted rigorous rehearsal periods culminating in performances for the paying public will characterise the teaching and learning in this unit.

KSB230 Acting 4

Pre-requisites	KSB229 or KSB221 or KSB247
Equivalents	KSB222, KSB248
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This is an advanced acting unit that introduces the concept of the independent artist through writing and performing a stand-up comedy routine and responding to the demands of a professional director in a major Shakespeare performance. Students will work in a variety of performance venues to enable them to adapt their craft and skills to the differing acoustic and audience types encountered in professional practice. Additionally, they will develop advanced audition and rehearsal management techniques. This unit continues the consolidation of the organic acting process with a developed technique for both stage and screen and is delivered via intensive studio-based work, professionally-conducted rigorous rehearsal periods culminating in performances for the paying public.

KSB301 Theatre Project 1

Pre-requisites	KSB230 or KSB222 or KSB248
Equivalents	KSB255
Credit Points	48
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

In this unit you participate in a season of semi-profiled performance projects, working as an ensemble performing roles for film and stage.

KSB302 Theatre Project 2

Pre-requisites	KSB301 or KSB255
Equivalents	KSB256
Credit Points	48
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

A season of high-profiled performance projects, providing you with the opportunity to demonstrate their skills to potential employers in the industry, through film and stage work.

KTB101 Understanding Theatre

Equivalents	KTB251
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

In this unit you will investigate the major artistic movements in European theatre history, fields of performance practice dominant in European theatre history and key plays associated with these artistic movements and practices.

KTB102 Process Drama

Equivalents	KTB214
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit examines the structural forms and dramatic conventions used in a specific genre of drama - process drama. It moves from examining effective drama workshop design to consider the artistic application of these workshop techniques.

KTB103 Performing Skills 1: Character and Scene

Equivalents	KTB257, KSB106
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit provides you with essential understanding of how to combine practical performance skills (involving body/voice/role) with analytical, research and group skills, into an overall methodology for creating performance, within a professional ethos.

KTB104 Performance Innovation

Equivalents	KTB271
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The aim of this unit is to give you an appreciation and understanding of innovations in the delivery and reception of theatre in both historical and contemporary contexts.

KTB105 Production 1

Pre-requisites	KTB107 or KTB206 or KTB277
Equivalents	KTB273
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit introduces a clearly defined rehearsal ethic through extended performance project. It includes text analysis, formal group discussion, role creation and intensive rehearsal, and live performance of a scripted drama before an audience.

KTB106 Performing Skills 2: Style and Form

Equivalents	KTB258
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit is designed to be of benefit to anyone seeking to extend their understanding through workshop, rehearsal, performance, and the application of dramaturgical skills, of theatrical styles and forms other than realism.

KTB107 The Creating Body

Equivalents	KTB206, KTB277
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

An understanding of innovative contemporary performance would be incomplete without an appreciation of the role that investigations into physical expressivity have played in the development of a range of new performance forms, including Physical Theatre, and of a range of training techniques that focus on releasing the performer's physical creativity.

KTB108 Applied Theatre

Pre-requisites	KTB102 or KTB214
Equivalents	KTB209, KTB280, KTB272
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

It is important for students of performance to push beyond the walls of the designated theatre space and examine performance in a range of forms and contexts for its transformative powers and as it is applied to social action. To consider performance as it is applied within diverse communities for a range of purposes is key to a full understanding of contemporary performance in the twenty-first century.

KTB205 Production 2

Pre-requisites	KTB105
Equivalents	KTB308
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit focuses on the collaborative devising of a performance with professional guidance.

KTB207 Staging Australia

Equivalents	KTB253
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit introduces key concepts and practices pertaining to Australian theatre and drama of the twentieth and twenth-first centuries. Theatre practices are explored in relation to broader social and political concerns.

KTB210 Creative Industries Management

Pre-requisites	Completion of 72 credit points of study
Equivalents	KTB061
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit introduces management techniques within the Australian creative industries environment including company structures, cultural policy, strategic management and leadership in the arts, legal, ethical, economical and social requirements of arts, boards, and entrepreneurial activity.

KTB211 Creative Industries Events and Festivals

Pre-requisites	Completion of 72 credit points of study
Anti-requisites	KTP406
Equivalents	KTB062
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Combination of practical and theoretical investigation into how strategy and mission work in arts agencies in arts, events, promotion and public relations in Australia.

KTB212 Theatre and Community

Pre-requisites	KTB108
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Australia has a strong record of excellence in the expanding field of theatre and drama in communities. Knowledge of the ethos, values and processes of working with communities in a responsive and consultative fashion is thus an essential component of any comprehensive preparation for a career in Drama and provides major career opportunities particularly for emerging artists. This is a 2nd year unit that articulates with and builds upon previous knowledge gained in KTB102 (Process Drama) and KTB108 (Applied Theatre).

KTB213 Directing Theatre

Pre-requisites	KTB101
Equivalents	KTB306
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Directing text-based performance events, whether within a subscription season of 'traditional' theatre, or as a stand-alone event within the independent theatre sector, or within a festival context, requires highly developed creative skills and sound managerial and organisational abilities. This second year undergraduate unit examining the artistic processes and project-management responsibilities that a drama director must fulfill, is essential for students wishing to

further their practice as directors, or as performance-makers within educational settings or within the creative industries. It builds on skills and perspectives acquired in units such as Performing Skills 1&2, Performance Innovation, Production 1&2, and Understanding Theatre.

KTB302 Postdramatic Theatre

Equivalents	KTB204, KTB275
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The elements of drama and the conventions of various periods have provided the pivot around which genres and forms of theatre can be studied. However, in recent decades a fresh species of drama has emerged called postdramatic theatre that challenges many of the traditional terms we use to define and make theatre. This unit examines postdramatic theatre that was heralded by the emergence of postmodernism. The unit will investigate the challenges postdramatic theatre makes to traditional notions of unitary art form, character, audience, site, time and narrative. The unit will investigate the postmodern aesthetics inherent in interdisciplinary, transdisciplinary and inter-media practices.

KTB303 Production 3

Pre-requisites	KTB205
Equivalents	KTB310
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Production 3 will provide you, as a third year student, with the opportunity to consolidate theoretical understandings and practical skills in performance making with particular application to adaptation, interpretation and the creation of innovative performance forms.

KTB305 The Entrepreneurial Artist

Pre-requisites	Completion of 168 credit points of study
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit is taken in the final three years of the Bachelor of Creative Industries Drama course. The program is designed to cover a range of artistic and economic areas, including: aesthetics, creativity, regulatory, administrative, legal and ethical issues related to the practice and business of the creative industries.

KTB313 Production 4

Pre-requisites	KTB303
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

When a work that has undergone creative development moves into production, a whole new set of challenges, imperatives and creative ethos come into play. Understanding and managing this complex transition is a vital skill for the emerging collaborative ensemble. This 3rd year capstone unit prepares you for entry into the performance/education industry and/or postgraduate study by building upon skills and knowledge from KTB105 Production 1, KTB205 Production 2 and KTB303 Production 3.

KTP201 Drama Curriculum Studies 1

Anti-requisites	KTB201, KTB414
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit provides an introduction to key syllabus documents and to key skills and strategies of drama teaching.

KTP202 Drama Curriculum Studies 2

Pre-requisites	KTP201
Anti-requisites	KTB202, KTB415
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

In this unit, you develop planning and teaching skills for aesthetic learning and assessment and develop as a critically reflective practitioner and teacher artist.

KTP203 Drama Curriculum Studies 3

Pre-requisites	KTP202 (can be enrolled in the same teaching period)
Anti-requisites	KTB203
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit is the final drama curriculum unit for you as a graduating drama teacher. In this third curriculum unit you will expand on the knowledge and understandings gained from Drama Curriculum Studies 1 and 2. It provides you with the opportunity to articulate a wide range of teaching skills that are essential for interpreting and managing in a variety of arts contexts in school and industry.

KTP401 Contemporary Performance

Anti-requisites	KTB204
Equivalents	KTN002
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

School curriculum documents present Drama as a stable field of study. The elements of Drama and the conventions of various periods have provided the pivot around which genres and forms of Theatre can be studied. However, in recent decades a fresh species of Drama has emerged called Performance to challenge many of the traditional terms we use to define Theatre.

KTP406 Creative Industries: Events and Festivals

Anti-requisites	KTB211
Credit Points	12
Campus	null

Combination of a practical and theoretical investigation into how strategy and mission work in arts agencies in arts, events, promotion and public relations in Australia.

KTP408 Marketing Arts and Culture

Equivalents	GSN228, KKP408
Credit Points	12
Campus	null

This unit examines and applies theories of arts marketing for arts cultural organisations. The focus is on audience development, but product and service development models in the mission driven arts environment provide the context for you to develop marketing strategies, marketing plans and campaigns for arts and cultural management.

KTP409 Arts and Cultural Management

Equivalents	GSN227
Credit Points	12
Campus	null

This unit provides students of arts and cultural management with an investigation and analysis of the management function of the not-for-profit arts organisation. It examines the strategic management approaches and operational procedures of arts organisations, including their relationships with the legal system, the media, business, the public, and the industrial provisions and human resources of the organisation.

KTP411 Advanced Practice in Creative Production and Arts Management

Pre-requisites	KK86MJR-CPARTMG - Creative Production and Arts Management Major
Credit Points	12
Campus	null

The growth of arts festivals and cultural centres across Australia and internationally is driving a demand for new and appealing arts programs. To meet this demand, cultural producers require a comprehensive suite is skills including creative entrepreneurship, programming, commissioning, management and leadership.

KTP413 Managing Money in the Arts

Equivalents	KKP402, GSN225
Credit Points	12
Campus	null

Arts managers, event managers and creative producers play a critical role in taking great ideas to market. In this unit, you will examine the entrepreneurial strategies arts leaders use to implement their ideas in the current policy and economic climate. You will consider the role of corporate development, fundraising, grants, sponsorship and philanthropy.

KTP414 Arts and Cultural Policy

Equivalents	KCP018, KCP401, KKP404
Credit Points	12
Campus	null

In this unit, you will consider arts and creative industries policy initiatives in Australia, at Federal, state and local government levels, and internationally, with particular reference to the Asia-Pacific region. You will examine the way in which policy impacts on the work of creative producers, arts managers, and members of arts boards, and the role the arts manager plays in issues of governance, planning, advocacy, and accountability.

KVB102 Modernism

Equivalents	KVB701
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit provides an overview of the key concepts and movements that comprise twentieth-century modernism in the period 1900-1945. Beginning with cubism, the unit provides an understanding of terms, such as avant-garde, modernism and modernity. It explains how modernism focuses upon the issue of representation and how this approach led to inter-disciplinary work, which engaged with film, photography, design, architecture and installation as well as the traditional visual arts.

KVB103 Australian Art

Equivalents	KVB702
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit focuses on Australian art over the course of the twentieth century, including the contemporary period. It gives you an understanding of the national, cultural and social frameworks within which this art has been produced and introduces a number of artists, artistic movements and issues within Australian art. It also considers the nature of indigenous art and its contribution to the complexity of Australian cultural identity. All of these issues are presented in order to help you understand the important role of Australian art as an expression of our cultural values throughout the twentieth century.

KVB104 Photomedia and Artistic Practice

Equivalents	KVB509, KVD104, KVP402
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

KVB108 Contemporary Asian Visual Culture

Equivalents	KVB444
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit considers the influences of historical visual arts, backgrounds, philosophical beliefs and trade on the symbolism, forms, techniques and uses of various artifacts in contemporary Asian visual art practice.

KVB109 Visual Arts Foundation

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Careers in the visual arts are diverse and dynamic and the sector encompasses a range of roles and employment possibilities for you to pursue. Certain skills and abilities are common to all of these potential destinations. Successful artists, art teachers and arts professionals benefit from rigorous research, writing and visual analysis skills as well as a broad knowledge of the industry as a whole and it is important that you are introduced to these skills at the beginning of your course to contextualise your learning throughout your degree. Through visual arts specific activities you are able to discover the connection between core academic skills and your future career in the visual arts.

KVB110 2D Media and Processes

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This introductory unit is a studio course enabling you to explore, construct, analyse and interpret visual data through the 2D graphic modes of drawing, painting and printmaking.

KVB111 3D Media and Processes

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This first year unit introduces you to current contemporary art practices and concepts to assist you in making, analyzing and critiquing three dimensional artworks. As a second semester unit, this unit will develop foundational skills in 3D media and processes to complement and augment understandings and knowledge of 2D media and processes.

KVB114 Digital Media

Equivalents	KIB104, KIB808
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit examines the audio-visual conventions of digital media. It focuses specifically on analysing and creating moving images.

KVB120 Studio Art Practice 1

Equivalents	KVB740
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit includes the following: development of an enquiry-based, self-sustaining art practice; fostering of appropriate research skills; encouragement of open flexible independent approach to formulating resolutions to conceptual and visual concerns; development of safe workshop practices, safe studio work habits and appropriate professional skills. It includes introductions to technological artforms.

KVB121 Studio Art Practice 2

Pre-requisites	KVB120 or KVB740
Equivalents	KVB741
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Contemporary cultural conditions and artistic practices are very diverse and complex. Consequently, this unit introduces aspects of artistic practice that will actively support self-motivation, self-reliance, as well as a sense of inquiry and openness to new ideas and experiences. It therefore comes in the first year of your course and provides foundational learning for future studio practice. As an active contributor in the cultural and creative industries, it is important that you learn to formulate personal conceptual and visual interests, as well as develop an understanding of your individual body of art work that is based on the application of knowledge of contemporary visual arts practices. It is an important concern of this unit that you understand that the media employed in visual art are not neutral but actively contribute to the form and content of work produced.

KVB200 Exhibition and Display in the Visual Arts

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

KVB211 Post 1945 Art

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

KVB212 Australian Art, Architecture and Design

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit aims to examine the impact of modernism upon the fields of visual art, architecture and design in Australia during the period between 1917 and 1967. It will also examine debates about modernism and provide a detailed historical background to the development of these three fields in Australia in response to the idea of modernism. It will build upon the background provided in units such as KVB102 Modernism and KVB103 Australian Art by providing more in-depth analysis of modernism in the Australian context. It will also develop the practical application of such principals in design exercises.

KVB213 Graphic Investigation

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The interface between the graphic design, print and art environments is dynamic and pervasive. An awareness of contemporary practices through conceptual and hands-on cross-media investigations will allow you to interpret and engage more creatively in these environments.

KVB220 Studio Art Practice 3

Pre-requisites	KVB120 or KVB740 or KVB121 or KVB741
Equivalents	KVB742
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

In consultation with studio staff, you formulate a program of work for the semester which allows you to investigate your own personal artistic direction, formulate and develop self-generated enquiry and acquire working methods, resources, skills and knowledge necessary to realise concepts.

KVB221 Studio Art Practice 4

Pre-requisites	KVB220 or KVB742
Equivalents	KVB743
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The conditions of current cultural practice, their production, reception and contribution to society are extremely diverse, increasingly complex and multi-layered. In this unit sustained critical involvement and an increasing commitment to artistic conceptual pursuits is underpinned by contemporary theoretical reference which includes investigation into a broad range of artists' practices. You are required to articulate a personal position in these issues.

KVB304 Contemporary Art Issues

Equivalents	KVB712
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit is intended as a foundation skill-base for students in Creative Industries applicable to all disciplines and cultural industries including art criticism, arts practice, architecture and fashion. The unit introduces the economic, political, social, cultural, artistic and formal issues related to the production of art since 1990 in the contemporary era. By means of lectures, discussions and analysis of artworks and readings, the students' awareness of the conceptual, historical and philosophical contexts concerning artists and the artworks is heightened.

KVB306 Video Art and Culture

Equivalents	KVB703
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

KVB307 Theories of Spatial Culture

Equivalents	KVB704
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

KVB320 Studio Project 1

Pre-requisites	KVB221 or KVB743
Equivalents	KVB744
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 13TP3 (INT); 2014 13TP1 (INT)

In contemporary artistic practice, diverse forms of photo imaging play an increasingly important role, even though conventional photography's aesthetic status has been controversial and historically contested. An understanding of how photographic artists creatively deal with issues of representation and photo-imaging will assist you in contextualizing your own photographic practice. Knowledge of aesthetic concepts within photomedia, its potential for innovative processes and the historical relationship between photography and art is important in developing your own dynamic artistic practice. The aim of this unit is to provide students with an understanding of the aesthetic aspects of various photomedia concepts and processes and in the artistic use of genres. It also aims to give students 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 students a broad range of choices and approaches to creating images. The unit encourages students to engage with photography as a medium for visual and artistic expression in order to extend photographic practice.

KVP301 Visual Arts Curriculum Studies 1

Anti-requisites	KVB301, KVB412
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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.

KVP400 Contemporary Aesthetic Debates

Anti-requisites	KVB004
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit focuses upon aesthetic debates that inform contemporary art practice The unit concentrates on developing historical, critical and analytical skills in evaluating modern and contemporary critical issues in the visual arts as well as contemporary culture in general. For this reason, it examines the status of art today, asking what type of knowledge does art give us, whether it remains important today and how art is it best comprehended.

KVP402 Photomedia and Creative Practice

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit provides you with an understanding of conceptual, technical and aesthetic perspectives as encountered in a number of contemporary photographic genres. The unit teaches you strategies for developing and applying advanced processes and concepts in Photomedia to the creation of your own personal work. It also encourages critical understanding of contexts that will contribute to your ability to work in a variety of creative and industry settings.

KVP404 Digital Media

Equivalents	KIP404, KIB104, KVB114, KIB808
Credit Points	12
Campus	null

This unit examines the audio-visual conventions of digital media. It focuses specifically on analysing and creating moving images.

KWB104 Creative Writing: the Short Story

Anti-requisites	KWP403
Equivalents	KWB350
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The unit covers the writing of the short story in detail.

KWB108 Introduction To Literary Studies

Equivalents	KWB001, KWB716
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

"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
Teaching Periods	2014 SEM-2 (INT)

This unit provides you with opportunities to read, explore, discuss and evaluate a number of Australian texts written and published over the last twenty-five years. 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
Teaching Periods	2014 SEM-1 (INT)

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, KWB712
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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, KWB250
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This course develops creative, critical and analytical skills in reading and writing a variety of creative textual forms. You acquire an understanding and some practice in crafting various forms of poetry and short fiction.

KWB114 Scientific and Technical Writing

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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

Anti-requisites	KWP402
Equivalents	KWB103, KWB315
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Persuasive writing is an integral (if often unconscious) element of both professional and creative writing. Therefore, practitioners in these fields should be able to understand the principles of persuasion, use the vocabulary of persuasion, and evaluate the efficacy of different persuasive strategies. This unit introduces you to the theory and practice of writing persuasively across a number of genres to enhance your writing skills.

KWB116 Creative Non-Fiction

Equivalents	KWB107, KWB381
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit covers the acquisition of practical and analytical skills in creative non-fiction writing in particular review writing on books, film, music, visual arts, fashion and food, as well as travel, scientific, essay, humorous and sports writing. The unit provides examples, techniques and practical exercises in non-fiction creative writing and editing, and the opportunity to develop individual work in the supportive context of in-class and small workshop groups. Potential publishing areas will be explored.

KWB207 Great Books: Creative Writing Classics

Anti-requisites	KWP407
Equivalents	KWB301
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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 Stylistics

Equivalents	KWB370, KWB201
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit allows students to significantly advance their 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 advanced stylistics, students will work on unpacking, theorising and then replicating literary techniques used by a wide range of exemplary authors. This unit gives students a unique opportunity to consider and manipulate very specific aspects of their authorial voices, drawing on the field of literary stylistics, the Oulipo movement, reader response theorists, and other author-based literary theories and schools. 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 Writing Poetry

Pre-requisites	Completion of 96cp of Creative and Professional Writing discipline units (KWB% units)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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 Stylistics and preparing students for the advanced work of third year.

KWB213 Corporate Writing and Editing

Anti-requisites	KWP405
Equivalents	KWB106, KWB314
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit deals with both the fundamentals of language (grammar, punctuation, style) and the dominant corporate writing genres (manuals, report, speeches, brochures).

KWB232 Creative Writing Advanced Practice 1

Equivalents	KWB331, KWB305, KWB396
Other requisites	Students undertaking the Advanced Writing Practice Minor must have a GPA of 5 or above at the end of semester 3. Students undertaking the Creative Writing and Literary Studies Research Minor must have a GPA of 5.5 or above at the end of semester 3
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit is the first 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 1 students will work on a 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 conceptualising, planning and beginning sustained pieces. With the ability to articulate into 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.

KWB302 Novel and Genre

Anti-requisites	KWP103, KWP400
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit is a key advanced Creative Writing unit in the Advanced Writing Practice package. This unit enables you to develop a sustained and coherent piece of work, and develop the analytical, practical and professional skills needed to work within this unique form. The focus is on the longer narrative form and across various genres. The unit is also designed to enable you to begin to develop a critical understanding of your own and others approaches to the writing life. This unit includes face-to-face and electronic learning environments designed to facilitate the development of professional reading, editing and writing skills.

KWB303 Writing and Publishing Industry

Equivalents	KWB399
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit provides an introduction to the function and structure of the writing and publishing industry.

KWB306 Creative Writing Project 1

Equivalents	KWB205, KWB395
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit provides the opportunity for you to write a sustained piece of creative work, within the genre of your choice, including short fiction, poetry, creative non-fiction and hypertext, under supervision. Such work will be written to a standard commensurate with being suitable to submit for publication to print or electronic journals. Your final submission is written after familiarisation with industry demands, niches and marketing possibilities.

KWB308 Wonderlands: Literature and Culture in the 19th Century

Equivalents	KWB005, KWB724
Credit Points	12
Campus	Kelvin Grove

Teaching Periods	2014 SEM-1 (INT)

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

Anti-requisites	KWP104, KWP404
Equivalents	KWB301, KWB304
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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 by you they can critique the operations of popular cultures.

KWB313 Novel and Memoir

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit allows students to significantly advance their writing practice and associated critical and editorial skills through close analysis of the novel and memoir, with an emphasis on story-level and narrative concerns. In Novel and Memoir, students will engage in detailed analysis from a writer's point of view of how a novel is made – the problem-solving process, which includes overall and chapter structure, character development, and other key narrative elements. This unit also gives students a unique opportunity to consider the synergies and differences between writing novels and longer forms of life writing, with extended analysis of the conventions of memoir writing. Lectures, intensive workshop activities, self-directed creative practice, guided critical analysis, and on-line collaboration characterise the teaching and learning in this unit.

KWB332 Creative Writing Advanced Practice 2

Pre-requisites	KWB331 or KWB232
Equivalents	KWB305, KWB396
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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 (eg: 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
Teaching Periods	2014 SEM-2 (INT)

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 (eg: 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.

KWP402 Persuasive Writing

Equivalents	KWP315
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit teaches the use of persuasive writing in the workplace. The unit analyses a variety of writing genres to reveal how they persuade their audiences. The analysis is founded on critical discourse and semiotic theory. You will apply these learned techniques and theories to produce a portfolio of persuasive writing. It covers a range of genres such as public health campaigns, proposals, speechwriting and political persuasion.

KWP403 Creative Writing: the Short Story

Equivalents	KWP350
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The unit covers the writing of the short story in detail.

KWP404 Editing and Developing the Manuscript

Anti-requisites	KWB304
Equivalents	KWP104
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit examines processes of editing and manuscript development from the viewpoint of both editor and writer. You participate in the managed development of a manuscript or a range of manuscripts. Classes are taken in intimate seminar mode.

KWP405 Corporate Writing and Editing

Anti-requisites	KWB213, KWB106, KWB314
Equivalents	KWP314
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit deals with both the fundamentals of language (grammar, punctuation, style) and the dominant corporate writing genres (manuals, report, speeches, brochures).

KWP407 Great Books: the Literary Classics

Anti-requisites	KWB207, KWB301
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

KWP410 Narrative: Advanced Practice

Pre-requisites	KK86MJR-CRWRTG - Creative Writing Major
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The novel represents one of the most pervasive, complex and culturally important literary forms. This

unit is designed to help you examine the theory and practice of novel writing across various genres; the relationship between imagination and inspiration and the process of planning and research leading to the development of a novel proposal, including an initial chapter and synopsis.

KWP411 Advanced Creative Writing Workshop

Credit Points	12
Campus	null

Creative Writing Workshop is a postgraduate creative writing unit focused on critiquing, editing and refining creative works and critical essays in progress from a practitioner's perspective. You will read, discuss and critique the creative and critical works of their peers, under the guidance and mentorship of the course convenor. You will also partake in writing exercises and discuss elements of craft and technique germane to your creative practice.

KWP412 Contemporary Practice in Professional Communication

Pre-requisites	KK86MJR-PROFCOM - Professional Communication Major
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Professional communication specialists require high-level practical and theoretical skills. A key aspect of any professional writing document is its level of reader usability. Therefore, this unit provides high-level skills in professional writing with an aim to ensure that professional writing documents are tailored specifically to meet the needs of the user. The skills required to meet user needs include tone, advanced style and clarity, advanced English grammar, and advanced editing skills.

KWP415 Theory and Practice in Creative Writing and Literary Studies

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit is specifically designed for those students doing Honours in either Creative Writing or Literary Studies. It aims to acquaint you with theories relevant to your selected research project(s) and help you develop practical, professional, critical and analytical skills relevant to these.

KWP420 Transmedia Storytelling: From Interviewing to Multi-Platform

Equivalents	KKP403
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Advanced level research and creative practice in the Creative Industries frequently draws upon the expertise of leading national and international researchers who visit the Creative Industries Faculty, as well as innovative creative projects. Through a Special Topic unit, Masters, PhD and Professional Doctorate students at the postgraduate level can systematically engage with these initiatives through a structured program of attendance at key events, reading and investigation, and working in creative teams to develop project deliverables.

KXB101 Introduction to Entertainment

Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2014 SEM-1 (INT)

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 and Caboolture
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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 Map

Pre-requisites	KXB101 and (36 credit points from AMB200, AMB207, BSB126, KPB101, KPB116, KXB102, KXB201, LWS008 and LWS009)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Industry networks 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 creating and updating an online directory of entertainment industries. The online directory will be a public product.

KXB302 Entertainment Project 1: Preproduction

Pre-requisites	KXB101 and KXB102 and KXB201 and KXB202
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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.

KXP406 Creative Industries: Events and Festivals

Anti-requisites	KTB211
Equivalents	KTP406
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Combination of a practical and theoretical investigation into how strategy and mission work in arts agencies in arts, events, promotion and public relations in Australia.

KXP408 Marketing Arts and Culture

Equivalents	GSN228, KKP408, KTP408
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit examines and applies theories of arts marketing for arts cultural organisations. The focus is on audience development, but product and service development models in the mission driven arts environment provide the context for you to develop marketing strategies, marketing plans and campaigns for arts and cultural management.

KXP409 Arts and Cultural Management

Equivalents	GSN227, KTP409
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit provides students of arts and cultural management with an investigation and analysis of the management function of the not-for-profit arts organisation. It examines the strategic management approaches and operational procedures of arts organisations, including their relationships with the legal system, the media, business, the public, and the industrial provisions and human resources of the organisation.

KXP411 Advanced Practice in Creative Production and Arts Management

Pre-requisites	KK86MJR-CPARTMG - Creative Production and Arts Management Major
Equivalents	KTP411
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The growth of arts festivals and cultural centres across Australia and internationally is driving a demand for new and appealing arts programs. To meet this demand, cultural producers require a comprehensive suite is skills including creative entrepreneurship, programming, commissioning, management and leadership.

KXP413 Managing Money in the Arts

Equivalents	GSN225, KKP402, KTP413
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Arts managers, event managers and creative producers play a critical role in taking great ideas to market. In this unit, you will examine the entrepreneurial strategies arts leaders use to implement their ideas in the current policy and economic climate. You will consider the role of corporate development, fundraising, grants, sponsorship and philanthropy.

KXP414 Arts and Cultural Policy

Equivalents	KCP018, KCP401, KKP404, KTP414
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

In this unit, you will consider arts and creative industries policy initiatives in Australia, at Federal, state and local government levels, and internationally. You will examine the way in which policy impacts on the work of creative producers, arts managers, and members of arts boards, and the role the arts manager plays in issues of governance, planning, advocacy, and accountability.

LCB002 Child and Adolescent Development and Learning

Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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 Creating Positive Learning Environments.

LCB003 Education and Society 1

Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

LCB320 Studies in Language

Equivalents	CLB320
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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 inclassroom 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.

LCB321 Writing Workshop

Equivalents	CLB321
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The student, as writer, uses all the language modes in social contexts (either genuine or simulated) to lead to writing in a range of situations. Engagement in these writing situations is designed to bring about personal understanding of the following: the nature of the writing process; the influence of audience and purpose on the final written product; the range of genres (or forms) falling within the writing activity.

LCB322 Literature in Secondary Teaching

Equivalents	CLB322
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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 Adolescent Literature

Equivalents	CLB323
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit addresses the following topics: scope and nature of young adult literature; strategies for evaluation and selection; recent research into adolescents' reading needs, interests and responses; using young adult books in the curriculum.

LCB324 Teaching English as an Additional Language

Equivalents	CLB347
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This elective unit for students in all teaching specialisations will develop understanding of specific language and learning needs of students for whom English is a second language. It deals with differences in first and second language development, professional implications of significant policy initiatives related to second language learners, and issues in analysis, assessment and cross-cultural communication. Participants will also investigate language demands of their own area of specialisation and develop appropriate teaching techniques and resources.

LCB325 Gender and Sexuality Issues for Teachers

Equivalents	CLB403
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

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 and External
Teaching Periods	2014 SEM-2 (EXT, INT)

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
Teaching Periods	2014 SEM-1 (INT)

This unit enhances the skills of educators to design curriculum and pedagogy in ways that address global citizenship and educational and human rights.

LCB328 Teaching Children with Disabilities

Equivalents	SPB003
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit provides an introduction to a wide range of low incidence exceptionalities (for example sensory impairments, developmental delay and health impairments such as epilepsy, asthma and hepatitis). It also addresses methods of managing associated disabling conditions, the implementation and evaluation of programming, and the support and referral services.

LCB329 Movies and Popular Culture

Equivalents	CLB050
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit integrates a basic understanding and application of learning theory as it applies to exceptional populations. It focuses on approaches to teaching particular exceptional groups and provides an opportunity for development of specialist skills and resources in one of the following areas: (a) students with learning difficulties; (b) gifted students; (c) students with low incidence disabilities, for example hearing impaired, visually impaired or physically handicapped; (d) behaviourally or emotionally disturbed students.

LCB331 Educational Counselling

Anti-requisites	LCN636, SPN651
Equivalents	SPB006
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (BLK); 2014 13TP1 (BLK)

This unit includes the following: the nature of counselling/helping in educational contexts; the educator as counsellor; characteristics of effective helpers; practical development of communications skills; building an empathic relationship; structuring the counselling process; application of some counselling theories to the educational contexts; practical sessions using educationally based role plays to demonstrate effective use of the skills learned. The unit includes a compulsory study school for external students. It is incompatible with studies in Counselling or equivalent at Diploma of Teaching level.

LCB332 Middle Years Students and Schools

Equivalents	SPB008
Credit Points	12
Campus	Caboolture
Teaching Periods	2014 SEM-2 (INT)

This unit provides an understanding of the developmental needs and interests of young adolescents and reform initiatives being implemented by schools to address these issues. The unit analyses the work of agencies and major reports in the middle years of schooling and examines aspects of research focussing on reform in curriculum, pedagogy and the way schools are organised. The unit is one of four units forming a pathway into the middle years of schooling for primary and secondary teaching.

LCB333 Classroom and Behaviour Management

Equivalents	SPB012
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT), 2014 SEM-2 (EXT); 2014 6TP4 (EXT)

This unit integrates concepts of behaviour development, management and discipline within a defensible pattern of classroom management and appropriate curricula processes.

LCB334 Teaching Strategies

Equivalents	SPB018
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2014 SEM-1 (INT)

This unit includes: evaluation of the students' teaching strategies; the literature on teaching strategies; critical evaluation of strategies/models of teaching available.

LCB335 Classroom Assessment Practices

Equivalents	SPB020
Credit Points	12
Campus	External
Teaching Periods	2014 6TP4 (EXT)

This unit includes: evaluation of the students' teaching strategies; the literature on teaching strategies; critical evaluation of strategies/models of teaching available.

LCB336 Middle Years Curriculum, Pedagogy and Assessment

Equivalents	SPB022
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2014 SEM-1 (INT)

This unit introduces pre-service primary students to the emerging curriculum, pedagogy and assessment approaches within Junior Secondary contexts. It explores the alignment between the established middle years literature and Junior Secondary in a Queensland context. This unit establishes an understanding of various Junior Secondary students experiences of schooling and how teachers can respond to this range of learning needs through curriculum, pedagogy and assessment.

LCB337 Assessment: Using Educational Data

Equivalents	SPB036
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 6TP4 (INT)

Monitoring individual development and designing appropriate intervention programs/units to meet individual needs is the work of all teachers. Thus, the unit provides opportunities for the educator to devise ways to monitor student development and to engage with current international, national and state

developments that require systemic evaluation of all key learning areas.

LCB338 Understanding Reading Difficulties

Equivalents	SPB038
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The aims of this unit are to provide pre-service teachers (Prep to Year 12) with opportunities to deepen their knowledge of the reading process and to develop their skills in identifying and supporting struggling readers in an inclusive setting. An emphasis will be placed on classroom-based assessment practices and explicit evidence-based instructional practices that can be incorporated into rich literacy activities.

LCB339 English as a Second Language Curriculum Studies 1

Equivalents	CLB021
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Effective ESL practitioners require a knowledge and understanding of the many factors that impact on the effective learning of a second (or an additional) language and on learning curriculum content through an additional language. They also need to know how these factors influence planning for learning and how they can be managed to maximise learning outcomes. In this first curriculum unit, students will engage with some of the theory that influences approaches to teaching English as an additional language across the curriculum. Students will engage with the documents that impact on planning for ESL teaching and learning eg ESL Framework of Stages and NLLIA ESL Bandscales.

LCB901 English as a Second Language Curriculum Studies 2

Pre-requisites	LCB339 or CLB021
Equivalents	CLB022
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit introduces the theoretical and practical knowledge and skills required by an effective practitioner in the complex social environment of the classroom.

LCB902 English as a Second Language Curriculum Studies 3

Pre-requisites	LCB901 or CLB022
Equivalents	CLB023
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit introduces the theoretical and practical knowledge and skills required by an effective practitioner in the complex social environment of the classroom.

LCB903 LOTE Curriculum Studies 1

Equivalents	CLB036
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit allows students to develop an understanding of the language learning process and their awareness of the place of languages in the school curriculum. Students will be encouraged to become reflective learners/teachers who can analyse the contexts in which they work, are familiar with policy and curriculum issues and are able to make soundly-based professional judgments designed to maximize learning for all students.

LCB904 LOTE Curriculum Studies 2

Pre-requisites	LCB903 or CLB036
Equivalents	CLB037
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Practising teachers need to be aware that syllabuses,policy documents and the classroom practices and teaching strategies to which they give rise reflect underlying views of language and learning.

LCB905 LOTE Curriculum Studies 3

Pre-requisites	LCB904 or CLB037
Equivalents	CLB038
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit builds on the two previous units and explores in greater depth a range of practical and theoretical issues in the area of LOTE curriculum development and implementation.

LCB907 Primary LOTE Curriculum Studies

Equivalents	CLB042
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Develops an understanding of the second language learning process and awareness of the place of languages in the primary school curriculum. Students will analyze the contexts in which you work, deal confidently with policy and curriculum issues and make soundly-based professional judgments designed to maximize learning for all students.

LCN600 Connected Learning

Equivalents	CLN601
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

This unit addresses the challenges, opportunities and implications for learning and teaching in dynamic, information-rich online environments. It enables students to: critically and creatively engage with contemporary concepts, media and practices for diverse educational, professional and information contexts, including school libraries; participate in an online learning community; collaborate in the design, development and evaluation of online learning resources.

LCN601 Designing Spaces for Learning

Equivalents	CLN603
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

This unit develops a theoretically-based, problem-solving approach to learning space design that responds to the voices, values, attributes and needs of particular learning communities and includes all stakeholders.

LCN602 Second Language Acquisition

Equivalents	CLN608
Credit Points	12
Campus	null

Research into second language acquisition is providing new insights into the complex processes involved in natural and instructed language development. This unit extends participants knowledge of research into, and theories of, second language acquisition, and explores pedagogical implications and the relevance of research and theories to the enhancement of second language acquisition and learning.

LCN603 Principles of Second Language Methodology

Equivalents	CLN612
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

This unit considers the range of approaches to second language learning and the theories of language and learning which underpin them: theories of language and learning and their implications for TESOL; the social context of learning and its impact on methodological decision-making; current approaches and methods in TESOL; the roles of teachers and learners in the TESOL classroom.

LCN604 Second Language Curriculum Design

Equivalents	CLN613
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

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
Teaching Periods	2014 SEM-2 (INT, EXT)

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.

LCN607 Personalised Language Development

Equivalents	CLN617
Credit Points	12
Campus	null

Language learning is a lifelong task. This unit allows teachers to take a program of language development aimed at improving their level of proficiency and enhancing their cultural awareness. Students wishing to take this unit should discuss options with the coordinator.

LCN608 Technology and Second Language Learning

Equivalents	CLN618
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

The twentieth century saw a rapid change in the technology available to language teachers. This unit explores the creative teaching potential of this technology in areas such as computer enhanced language learning (CELL), interactive multimedia (including CD-ROM and video disc) and the use of linear video, word processing and audio materials. The unit will also explore access to and pedagogical uses of electronic communication such as email, list servers and bulletin boards.

LCN609 Language and Culture

Equivalents	CLN620
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit explores the relationship between language and culture drawing on insights from linguistics, sociolinguistics and cultural theory. It analyses the co-constitutive nature of language and culture, and examines how this relationship can be explored in the TESOL context.

LCN610 Principles of English as a Foreign Language (EFL) Methodology

Equivalents	CLN621
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

International students preparing to become English language teachers in EFL contexts require knowledge of current approaches to and issues in English language methodology. The key principles and concepts involved in language teachers' decision-making relate to: theories of language, theories of language learning and teaching and social and cultural factors which influence both teachers and learners in language classrooms. This unit responds to the demand for more specifically EFL-oriented teacher preparation which caters to recent graduates from overseas contexts who have not yet begun their professional careers as EFL teachers.

LCN611 Professional Practice in the EFL Context

Equivalents	CLN622
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

International students wishing to become EFL (English as a Foreign Language) teachers in their home contexts but have no prior teaching experience require a foundational orientation to both general classroom practice and EFL teaching strategies. This unit is designed to provide this primary orientation and introduction to the core principles and practices associated with teaching English in EFL contexts.

LCN612 Sociolinguistics

Equivalents	CLN640
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This unit is an introduction to sociolinguistics, that is, understandings of language use in relation to social factors. The topics covered emphasise the ways that language use is differentiated and dynamic across social groups and the implications for TESOL and second language teaching and learning. Topics include languages and dialects, pidgins and creoles, speech communities, and language policy and planning.

LCN614 Grammar for Second Language Teaching

Equivalents	CLN642
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

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	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (EXT)

The unit provides a research based, theoretical and practical context for exploring organisational, pedagogical, technological and professional dimensions of school libraries and other information services for prospective teacher-librarians information professionals and other educators.

LCN616 Inquiry Learning

Equivalents	CLN650
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

This unit supports the critical, ethical and creative engagement of teacher-librarians, educators and information professionals with a diverse array of information, concepts, technologies, social networks, resources and practices pertinent to contemporary information-learning environments. The unit develops conceptual and strategic approaches to enable independent and connected learning via libraries and other information-rich learning sites.

LCN617 Children's Literature: Criticism and Practice

Equivalents	CLN659
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

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
Teaching Periods	2014 SEM-2 (BLK)

This unit provides students with an overview of major theories of counselling and to assist them in the development of a framework using one of these approaches that they may use as a basis for their 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
Equivalents	SPN611
Credit Points	12
Campus	Kelvin Grove

Teaching Periods	2014 SEM-2 (BLK)

This unit looks at: 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
Teaching Periods	2014 13TP1 (BLK)

In this unit students gain a broad understanding of the various types of assessment techniques and strategies used in the educational context to develop understandings and capacities that advance learners from basic competence in professional practice to confident and ethical leadership in learning innovation in school guidance and counselling.

LCN621 Career Development and Professional Practice

Equivalents	SPN618
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

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
Teaching Periods	2014 SEM-2 (EXT)

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
Teaching Periods	2014 SEM-1 (EXT, INT)

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
Teaching Periods	2014 SEM-2 (INT, EXT)

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.

LCN625 Developmental and Educational Assessment

Equivalents	SPN640
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit provides students with an opportunity for foundation 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.

LCN626 Interventions in Educational and Developmental Psychology

Equivalents	SPN641
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit aims to equip students 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.

LCN627 Learning Difficulties: Assessment and Intervention

Pre-requisites	LCN625 or SPN640
Equivalents	SPN642
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The aim of the unit is to provide students 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.

LCN628 Developmental Processes and Disability

Equivalents	SPN643
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit aims to equip students 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.

LCN629 Inclusive Education: Theory, Policy and Practice

Equivalents	SPN644
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

Schools are a reflection of diversity within global and local education communities. An inclusive approach to education involves a critique of social values, priorities and the structures and institutions which 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
Teaching Periods	2014 SEM-1 (EXT, INT)

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
Teaching Periods	2014 SEM-2 (INT, EXT)

Since 2000, there have been increasing demands from statuary 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 take a complex systems view using general systems theory, chaos theory and synergistics to analyse the processes educational organisations and other organisational settings use to maintain their strategic intent and to harness both continuous and discontinuous innovation.

Units

LCN632 Understanding Reading and Writing Difficulties

Anti-requisites	SPN614
Equivalents	SPN647
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

While the understanding and application of learning theory is essential to the teaching of all students, there will always be some for whom specialised approaches are required in order to maximise their potential. Accordingly, it is vitally important for teachers to develop their knowledge and skills so that they can meet the needs of diverse literacy learners in a flexible, problem-solving manner using evidence-based approaches to instruction.

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
Equivalents	SPN648
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (EXT)

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
Teaching Periods	2014 SEM-2 (EXT)

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 Autistic Spectrum Disorder

Equivalents	SPN650
Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

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 Autistic Spectrum Disorders and to develop your skills in identifying and supporting this group of students in an inclusive educational setting.

LCN636 Introductory Educational Counselling

Anti-requisites	LCB331, SPB006
Equivalents	SPN651
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (BLK); 2014 13TP1 (BLK)

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
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (EXT)

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
Teaching Periods	2014 SEM-2 (EXT, INT)

This unit focuses on the theory and practice of second language teaching and learning. It introduces you to foundational concepts and second language teaching approaches, methods and techniques. It links to work undertaken in LCN612 Sociolinguistics; LCN606 Second language assessment; LCN604 Second language curriculum design; and LCN614 Grammar for second language teaching.

LCP400 Languages Education Curriculum Studies 1

Equivalents	CLP411
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Languages Education Curriculum Studies 1 aims to develop your understanding of the language learning process and your awareness of the place of languages in the school curriculum. This unit will focus on developing your understanding of language learning, the place of languages and literacies in the school curriculum and the role of the language teacher in developing linguistic and cultural awareness.

LCP401 Languages Education Curriculum Studies 2

Pre-requisites	LCP400 or CLP411
Equivalents	CLP412
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit involves further discussion of the theoretical fundamentals of language curriculum development and methodology and exploration of the major issues that face language teachers in their daily pedagogical decision making. It will develop your capacity to plan learning experiences which support students' involvement in multi-literate practices and develop strategic language learning skills which they can use beyond the classroom.

LCP402 Languages Education Curriculum Studies 3

Pre-requisites	LCP400 or CLP411
Equivalents	CLP413
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit focuses on the development of effective language programs and assessment practices for secondary students, including Senior assessment and outcomes-based assessment in a variety of contexts. This unit aims to support you in expanding your teaching repertoire so that you can provide all learners with an effective learning environment based on a critical awareness of good professional practice.

LCP410 Classroom and Behaviour Management

Equivalents	SPP400
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

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.

LCP411 Classroom Assessment Practices

Equivalents	SPP401
Credit Points	12
Campus	null

This unit aims to equip you with both theoretical knowledge and practical skills in assessing and reporting which can be applied in the classroom situation.

LCP412 Primary Educational Perspectives

Equivalents	SPP402
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The unit requires that you engage-in a critical and problematizing manner-with current theoretical and research literature from the disciplinary perspectives of the Psychology and Sociology of Education so that you are able to build your professional and ethical capacities and dispositions as a Primary school teacher. Of crucial importance in this regard is the vital process of 'teacher as researcher' to which you will be introduced in this unit and which will underpin your learning. The unit is located in the early stages of your course progression to provide you with the necessary professional contexts for your learning in curriculum and field studies.

LCP413 Primary LOTE Curriculum Studies

Equivalents	CLP421
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit is designed for students who have completed or are completing relevant language studies in Chinese, French, German, Japanese, Italian or Indonesian and are intending to work as LOTE teachers in the primary sector. The aim of this unit is to develop your understanding of the second language learning process and your awareness of the place of languages in the primary school curriculum. You will also be encouraged to become reflective learners/teachers able to analyse the contexts in which you work, deal confidently with policy and curriculum issues and make soundly-based professional judgments designed to maximize learning for all students.

LCP414 Enhancing Your Teaching Practice

Equivalents	SPP403
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

In this unit, you will gain knowledge and understanding of theoretical and practical pedagogic frameworks that can be appplied to your classroom practices. As such, this unit will assist you to develop the knowledge and skills necessary to become effective classroom practitioners.

LLB103 Dispute Resolution

Anti-requisites	LWB150, LWB498
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (INT, EXT)

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 Law in Context

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

Law in Context provides an overview of the philosophical, cultural, social, economic and global contexts in which the Australian legal system operates, and the role of lawyers in a dynamic and changing world. This unit gives particular 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.

LLB441 Commercial Contracts in Practice

Pre-requisites	LWB137 and LWB240 and LWB244
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

This elective unit provides an opportunity for students to study the interaction of common law principles of contract law, 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.

LLB442 Legal Clinic (Advanced)

Pre-requisites	LWB456
Anti-requisites	LWB421
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

In this unit students are provided with the opportunity to see law in action through participation in a legal clinic or a community project. Students work in their placement is supplemented with a seminar program that deals with such topics as cultural competency, dispute resolution and ethics. Entry to this unit is via a successful application only.

LPP111 Lawyers' Skills

Anti-requisites	LPZ111
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 6TP4 (EXT, INT), 2014 6TP1 (EXT, INT); 2014 6TP2 (EXT)

The Law Admissions Consultative Committee considers that 'an entry level lawyer should be able to demonstrate oral communication skills, advocacy skills, negotiation and dispute resolution skills, and letter writing and legal drafting skills'. These skills are introduced in this unit. The intention is that students then seek to develop those skills during the rest of the course and in the workplace.

LPP112 Work Skills

Anti-requisites	LPZ112
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 6TP4 (EXT, INT), 2014 6TP1 (EXT, INT); 2014 6TP2 (EXT)

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
Teaching Periods	2014 6TP5 (INT, EXT), 2014 6TP3 (EXT), 2014 6TP1 (EXT); 2014 6TP2 (EXT, INT)

The Law Admissions Consultative Committee considers that an entry level lawyer should be able to demonstrate competence in civil litigation at the level required for admission as a legal practitioner in Australia.

LPP114 Commercial

Anti-requisites	LPZ114
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 6TP5 (EXT, INT), 2014 6TP4 (EXT, INT); 2014 6TP2 (INT, EXT)

The Law Admissions Consultative Committee considers that 'an entry level lawyer should be able to conduct commercial transacations such as the sale and purchase of a small business...set up standard business structures...provide basic advice on finance and securities...and appreciate the type of advice needed to assess the revenue implications of standard commercial transactions'. This unit provides students with experience in specific commercial transactions of the types described above.

LPP115 Property

Anti-requisites	LPZ115
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 6TP5 (INT, EXT), 2014 6TP3 (EXT), 2014 6TP1 (EXT); 2014 6TP2 (EXT, INT)

The Law Admissions Consultative Committee considers that 'an entry level lawyer should be able to convey, lease and mortgage real property...and provide general advice on land use.' This unit equips students to do that in selected contexts.

LPP116 Electives

Anti-requisites	LPZ116
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 6TP5 (EXT, INT), 2014 6TP4 (EXT, INT); 2014 6TP2 (INT, EXT)

The Law Admissions Consultative Committee considers that entry level lawyers should have experience in two areas of practice, administrative law practice, criminal law or family practice AND one of either wills and estates, planning and environment, employment and industrial relations, or consumer law

practice. This unit provides students with experience in their choice of one area from each list.

LPP117 Interaction

Anti-requisites	LPZ117
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 6TP5 (INT, EXT), 2014 6TP3 (EXT), 2014 6TP1 (EXT); 2014 6TP2 (EXT, INT)

This unit is designed for law graduates who are completing the Graduate Diploma in Legal Practice for the purpose of becoming admitted as a legal practitioner and who are not working in law offices while they are doing the course. The unit seeks to further develop students' communciation, advocacy, interviewing and work management skills where they do not have the opportunity to develop those skills in a real life law office.

LPP118 Placement

Anti-requisites	LPZ118
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 6TP6 (EXT); 2014 6TP4 (EXT)

The Law Admissions Consultative Committee considers that every entry level lawyer should have experience in a law office before being admitted. This unit provides four weeks experience in a law office to satisfy legal practitioner admission requirements.

LPZ111 Lawyers' Skills

Anti-requisites	LPP111
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 6TP4 (EXT), 2014 6TP1 (EXT); 2014 6TP2 (EXT)

The Law Admissions Consultative Committee considers that 'an entry level lawyer should be able to demonstrate oral communication skills, advocacy skills, negotiation and dispute resolution skills, and letter writing and legal drafting skills'. These skills are introduced in this unit. The intention is that students then seek to develop those skills during the rest of the course and in the workplace.

LPZ112 Work Skills

Anti-requisites	LPP112
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 6TP4 (EXT), 2014 6TP1 (EXT); 2014 6TP2 (EXT)

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.

LPZ113 Civil Litigation

Anti-requisites	LPP113
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 6TP3 (EXT); 2014 6TP2 (EXT)

The Law Admissions Consultative Committee considers that an entry level lawyer should be able to demonstrate competence in civil litigation at the level required for admission as a legal practitioner in Australia.

LPZ114 Commercial

Anti-requisites	LPP114
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 6TP5 (EXT); 2014 6TP4 (EXT)

The Law Admissions Consultative Committee considers that 'an entry level lawyer should be able to conduct commercial transactions such as the sale and purchase of a small business...set up standard business structures...provide basic advice on finance and securities...and appreciate the type of advice needed to assess the revenue implications of standard commercial transactions'. This unit provides students with experience in specific commercial transactions of the types described above.

LPZ115 Property

Anti-requisites	LPP115
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 6TP3 (EXT); 2014 6TP2 (EXT)

The Law Admissions Consultative Committee considers that 'an entry level lawyer should be able to convey, lease and mortgage real property...and provide general advice on land use.' This unit equips students to do that in selected contexts.

LPZ116 Electives

Anti-requisites	LPP116
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 6TP5 (EXT); 2014 6TP4 (EXT)

The Law Admissions Consultative Committee considers that entry level lawyers should have experience in two areas of practice, administrative law practice, criminal law or family practice AND one of either wills and estates, planning and environment, employment and industrial relations, or consumer law practice. This unit provides students with experience in their choice of one area from each list.

LPZ117 Interaction

Anti-requisites	LPP117
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 6TP3 (EXT); 2014 6TP2 (EXT)

This unit is designed for law graduates who are completing the Graduate Diploma in Legal Practice for the purpose of becoming admitted as a legal practitioner and who are not working in law offices while they are doing the course. The unit seeks to further develop students' communciation, advocacy, interviewing and work management skills where they do not have the opportunity to develop those skills in a real life law office.

LPZ118 Placement

Anti-requisites	LPP118
Credit Points	12
Campus	External
Teaching Periods	2014 6TP6 (EXT)

The Law Admissions Consultative Committee considers that every entry level lawyer should have experience in a law office before being admitted. This unit provides four weeks experience in a law office to satisfy legal practitioner admission requirements.

LQB180 Biomolecules and Life Processes

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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

Anti-requisites	LSB480
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Medical laboratory scientists have a vital role in the diagnosis of disease and ongoing management of patient care. It is estimated that 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 profession of medical laboratory science in a local, national and international context. Foundation knowledge in the core diagnostic pathology disciplines will be introduced in a series of 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 & Molecular Biology

Anti-requisites	SCB122
Credit Points	12
Campus	null

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. You will be shown how macromolecular interactions are crucial to information flow and heredity. You are taught the relationships between chromosomes, genes and cellular function and ultimately how these may determine an organism's phenotype.

LQB183 Human Systematic Anatomy

Anti-requisites	LSB131, LSB255
Credit Points	12

Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

This unit aims to develop an appreciation and understanding of the role of biomedical scientists in a range of research and clinical fields; develop a basic understanding of academic honesty and ethics related to biomedical science; introduce you to academic and professional skills that provide an important basis for the study of the discipline and for working in the profession, including scientific reading and writing skills, communication and presentation skills, experimental design, critical thinking and critical evaluation; and provide an introduction to quantitative measurements and basic practical laboratory skills and competencies required by biomedical scientists.

LQB281 Human Health & Disease Concepts

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit develops an understanding of the causes and pathogenesis of human diseases including those of a genetic, microbial, immunologic and traumatic aetiology. Students 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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit aims to extend your knowledge and skills around scientific communication, data analysis and interpretation through sophisticated statistical methodology, as well as continue the development of effective interpersonal skills. The unit will help develop a range of academic and professional skills that are required for all biomedical scientists by extending and applying biostatistics approaches to a practical project. The unit also develops teamwork skills through collaborative work approaches to projects and presentations.

LQB301 Medical Microbiology and Infection Control

Anti-requisites	LQB362, LQB386, LSB492
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This foundation unit builds upon your fundamental knowledge of the human body and explores the role of microorganisms on human health. In this unit, you will (i) explore the diversity of microorganisms found in the human body; (ii) examine the relationship between infection and disease through the different organ systems of the human body; and (iii) study the mechanisms by which the human body naturally controls infections but also how we can use antimicrobials and a range of infection control procedures to reduce the threat of infectious diseases. This knowledge and understanding will then be further developed and applied in your subsequent clinical studies in your chosen health care profession discipline.

LQB362 Microbiology: Principles and Practice

Pre-requisites	LQB281 or BVB101
Anti-requisites	LQB301
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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, competently and skillfully in a PC2 diagnostic laboratory context.

LQB381 Biochemistry

Pre-requisites	PQB105 or (SCB121 and SCB122) or (SCB111 and SCB121) or SCB113 or (CVB101 & CVB102) or CZB190 or LQB180
Anti-requisites	LSB325
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 LSB182
Anti-requisites	HMB274
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 body cavities and the nervous, muscular, skeletal and cardiovascular organ systems. This will provide an understanding. 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.

LQB383 Molecular and Cellular Regulation

Pre-requisites	SCB122 or LSB238
Anti-requisites	LSB338
Credit Points	12
Campus	null

Molecular and Cellular Regulation is a second year unit and is a continuation and expansion of topics introduced in SCB112 Cellular Basis of Life and SCB122 Cell & Molecular Biology. Molecular and Cellular Regulation strengthens the focus on the molecular and genetic aspects of cellular processes and the consequences to the organism of failure of these basic processes. Topics taught relate to gene structure and regulation in prokaryotes and eukaryotes and the role of gene expression in the development of complex organisms. Related concepts such as cell signalling, communication, proliferation and survival are further developed in this unit.

LQB384 Infectious Diseases: Principles and Practice

Credit Points	12
Campus	null

LQB385 Molecular Biology and Bioinformatics

Pre-requisites	LQB182 or (SCB112 and SCB122)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Modern biology is concerned with unraveling and manipulating the genetic information stored in a cell's DNA to understand human health and treat disease. This information and technologies underpin the 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.

LQB386 Microbial Structure and Function

Pre-requisites	PQB105 or (SCB112 and (SCB121 or SCB113))
Anti-requisites	LSB328, LQB301
Credit Points	12
Campus	null

Aspects of microbiology impinge upon many facets of daily life, for example, human health, genetic engineering, the food industry and the built and natural environment. The unit introduces you to and provides you with a solid foundation in the basic microbiology required for progression to advanced studies in Microbiology. This unit provides knowledge about safe handling and study of micro-organisms that is also very important in many other disciplines, because micro-organisms are used as models and

tools in a wide range of study areas.

LQB387 Principles of Immunology

Pre-requisites	LQB281 and LSB250
Anti-requisites	LSB438, LSB535
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 SCB120
Anti-requisites	LSB358
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 Physiology 2 [LQB488]). The unit offers a useful frame of reference for students enrolled in courses such as animal biology, biochemistry, microbiology, molecular biology, nutrition and human movements. Together with Physiology 2 [LQB488] this unit is a prerequisite to the third level unit, Applied Physiology [LQB588] and will be of particular interest to students considering medicine as a postgraduate career option.

LQB389 Regional and Sectional Anatomy for Radiation Therapy

Pre-requisites	LSB142
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

LQB400 Clinical Physiology and Pathophysiology

Pre-requisites	LQB281 and LQB388 and LQB488. LQB488 can be studied in the same teaching period as LQB400
Anti-requisites	LSB658
Credit Points	12
Campus	null

-

LQB462 Microbial Diagnostics

Pre-requisites	LQB362
Anti-requisites	LSB435
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Medical microbiology involves research into human infectious diseases from multiple viewpoints, including: spectrum of disease, diagnosis, aetiology, treatment, prevention, control and epidemiology. An integral part of the practice of medical microbiology is laboratory processing of specimens derived from patients with infectious diseases. Ultimately you will need to have both a comprehensive and in-depth knowledge and understanding of theoretical concepts in infectious disease microbiology and be able to apply that knowledge and understanding safely, competently and skilfully in a PC2 diagnostic laboratory context. Such obligatory graduate attributes need to be constructed and refined in a stepwise progression. LQB462 is designed to provide you with a more focussed and in-depth knowledge and understanding of theoretical concepts in medical microbiology and for you to be able to apply that knowledge and understanding in a PC2 diagnostic laboratory context.

LQB481 Biochemical Pathways and Metabolism

Pre-requisites	LQB381 or LSB308
Anti-requisites	LSB275, LSB325, LSB408
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

-

LQB483 Molecular Biology Techniques

Pre-requisites	LSB238 or SCB122
Anti-requisites	LSB468, LSN468, LSN483
Credit Points	12
Campus	null

Molecular biology and recombinant DNA technologies have important roles in many areas within the life sciences, including medicine, agriculture, cell biology, environmental science and forensics. Through close alignment of theoretical concepts and practical skills, this lab-based unit expands on molecular themes introduced in earlier cell and molecular biology units to develop expertise in modern recombinant DNA techniques and an understanding of strategies used to identify and manipulate genes. The close relationship between theory and practice in this unit is designed to develop competence, independence and critical thinking that will provide students with a solid foundation for advanced molecular biology studies presented in several third level units.

LQB484 Introduction to Genomics and Bioinformatics

Pre-requisites	LQB383 or LSB338 or LSN101 and LSN102
Anti-requisites	LSB537, LSB619, LSB469
Credit Points	12
Campus	null

The completion of the Human Genome project, along with similar projects on other organisms of a prokaryote and eukaryote nature, marked the beginning of a major revolution in fundamental biology that changed our understanding of the natural world. To understand how information on genome structure-function relationships (ie bioinformatics) is being used in areas such as gene discovery, disease diagnosis and drug development, students need to understand how the information content of DNA and proteins is extracted and analysed. This unit introduces students to the approaches to database mining and genome exploration.

LQB485 Human Development and Cell Biology

Pre-requisites	LQB182 or SCB122
Equivalents	LQB584
Credit Points	12
Campus	null

-

LQB486 Clinical Microbiology 1

Pre-requisites	LQB386 or LSB328
Anti-requisites	LSB435, LSB547
Credit Points	12
Campus	null

Micro-organisms are very important as pathogens of humans and animals, and their accurate clinical diagnosis is essential for appropriate treatment and management of infections. This unit builds upon the foundational topics in microbiology that you learned in LQB386 (Microbial Structure and Function) and starts preparing you for a career in a microbiology laboratory in clinical practice, industry or research. The unit will advance your knowledge and skills in classical methods of isolation and identification of bacteria in clinical specimens and introduce aspects

of microbial pathogenesis and antibiotic sensitivity. The unit will provide you with an understanding of clinically important viruses, and will commence your training in diagnostic parasitology.

LQB487 Infectious Diseases: Pathogen Biology

Pre-requisites	LQB384
Credit Points	12
Campus	null

LQB488 Medical Physiology 2

Pre-requisites	LQB388
Anti-requisites	LSB458
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

An appreciation of how the human body works is an essential prerequisite to understanding the basis of health, disease, diagnostic technologies and treatment strategies. This unit deals specifically with the physiological systems that are responsible for the maintenance of health in humans. It therefore provides a useful frame of reference for students enrolled in biomedical science, pharmacy, human movement studies, nutrition and dietetics or any of the life science majors. The aim of this unit is to introduce you to the normal physiology of the human body in order to facilitate an understanding of how injury or disease affect health as well as the mechanism of action of drugs and other therapeutic interventions.

LQB489 Plant Physiology and Cell Biology

Pre-requisites	SCB120 or SCB122 or NRB270 or LSB238
Anti-requisites	LSB397, LSB497
Credit Points	12
Campus	null

Plants are a vital resource providing food, medicines, fibre and fuel. The utilisation and manipulation of plants requires an understanding of growth and development on a molecular, cellular and whole plant basis. This is an intermediate-level unit covering the principles of plant cell biology and physiology to provide a platform for more advanced studies in plant biology and biotechnology. It integrates the fundamentals of plant physiology, biochemistry and molecular biology in such a way to enable students to understand how plants grow, develop and interact with their environment, and will also be valuable for lifelong appreciation of the potential of agriculture and its contribution to humanity. The aim of this unit is to provide you with an understanding of plant function from the cell to the whole plant, skills in measuring and monitoring these processes and an appreciation of how they are influenced by the environment.

LQB490 Cytogenetic and Molecular Pathology

Pre-requisites	(LSB325 or LQB381) and LSB365
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit will provide you with fundamental knowledge and technical skills to you 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
Teaching Periods	2014 SEM-2 (INT)

This unit will provide you with a fundamental understanding of the structural, molecular, and metabolic components of microorganisms and how they are regulated. Specifically, upon completing this unit you will be able to: 1. recognise and describe the structural components of microbes, 2. the molecular assembly processes involved in building these components, 3. the growth and metabolic processes of different microbes, and 4. the means of regulation of all of these factors.

LQB501 Clinical Physiology Professional Internship

Pre-requisites	LQB388 and LQB488
Anti-requisites	LQB502, LQB503, SCB111
Credit Points	36
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

Clinical physiologists (Clinical Measurements Scientists) are allied health professionals that perform clinical measurement investigations and support the care of patients in the health system. This field of employment is rapidly growing as the Australian population ages. Clinical Physiologists work in multidisciplinary teams in a number of disciplines including: cardiac sciences, neurophysiology, respiratory sciences and sleep science. In order to gain the range of skills required for employment in Clinical physiology, it is critical that you acquire experience working and learning in the field. Through work-integrated learning you will gain an understanding of the profession, and develop and demonstrate competence in a range of skills, including physiological instrumentation and the measurement, recording, interpretation and reporting of clinical data, quality control, and health and safety. You will interact with patients and other professionals in the field, develop and apply your communication skills, demonstrate professional and ethical practice and ensure patient confidentiality and privacy. This 36 credit point work-integrated learning unit (which is equivalent to a minimum of 400 hours) is completed in the final year of your course and complements the Human Physiology Study Area A in the Bachelor of Biomedical Science. Acceptance into this unit will be competitive an

LQB502 Biomedical Work Integrated Learning A

Anti-requisites	LQB501, LQB504-1, LQB504-2, LQB504-3
Other requisites	Course Coordinator approval required to enrol in this unit
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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 your academic supervisor before you commence. The learning in this unit can be extended into a second unit LQB503.

LQB503 Biomedical Work Integrated Learning B

Anti-requisites	LQB501, LQB504-1, LQB504-2, LQB504-3
Other requisites	Course Coordinator approval required to enrol in this unit
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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 your academic supervisor before you commence. This unit extends your learning from LQB502.

LQB562 Advanced Microbial Diagnostics

Pre-requisites	LQB462
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

-

LQB581 Functional Biochemistry

Pre-requisites	LQB481
Anti-requisites	LSB508
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit will study advanced biochemical 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	LQB481 or LQB381
Anti-requisites	LSB527
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit will study the technical principles and practical techniques that are essential for advancing research and development in biochemistry and biotechnology.

LQB583 Genetic Research Technology

Pre-requisites	LQB385 or LQB483
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The tools available for the discovery and manipulation of new genes are increasing exponentially and, in turn, this is having a significant impact in many areas of the life sciences. The true potential for this ultimately relies on the ability to link genes and their function. There are many strategies, both targeted and global, which facilitate an understanding of gene and genome structure function relationships. These strategies rely on integrated technologies based on molecular genetics, molecular biology and genetic engineering. The identification of function leads then to unlimited potential for detection and manipulation of these genes in human, animal and plant systems.

LQB584 Medical Cell Biology

Pre-requisites	LQB383 or LSB338
Anti-requisites	LSB449, LSB503, LSN584
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit builds and extends the understanding of basic theoretical and practical aspects of molecular cell biology developed in previous cell and molecular biology units. Medical Cell Biology develops and extends the context of the cellular environment and its central role within the organism providing all of the biological functions required by the organism to survive, defend and protect itself from disease and trauma. An understanding of cell biology theory and molecular mechanisms of animal development and disease is essential for introduction to higher level units in medical biotechnology.

LQB585 Plant Genetic Manipulation

Pre-requisites	LQB483 or LSB468
Anti-requisites	LSB577
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The potential of plant biotechnology can only be recognised as a result of the significant advances being made in technologies enabling the genetic manipulation of plants. Familiarity with the strategies, techniques and breadth of applications is essential as a basis for anyone planning a career in plant biotechnology. The unit is designed with a significant emphasis on achieving technical expertise in plant genetic manipulation and control of gene expression.

LQB586 Clinical Microbiology 2

Pre-requisites	LQB486
Anti-requisites	LSB547 and LSB647
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Clinical microbiology laboratories throughout the world are recognising the need to maximise their diagnostic capabilities for accurate and early detection and management of medically-important parasitic, fungal and bacterial diseases of humans. This unit emphasises a strong commitment to professional practice by: (i) providing you with a comprehensive, in-depth knowledge and understanding of infectious disease states and their etiology, (ii) developing high level generic and specific laboratory-based skills in diagnostic microbiology and (iii) developing and refining critical thinking skills so that experimental results may be observed and recorded intelligently and reported with a high degree of confidence in their validity and rigor.

LQB587 Applied Microbiology 1: Water, Air and Soil

Pre-requisites	LQB386, LSB328, or LSB492
Anti-requisites	LSB528
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Issues relating to microbial populations within the environment are of great interest and relevance to the community, and also to scientists. Building on the foundation of basic microbiology, in this advanced level unit you will gain a strong understanding of the nature of microbial populations in water, air and soil, and their importance to the human population. This unit is issues-based, encouraging a problem solving approach as you investigate/study microbial pollution, bioremediation, biogeochemical cycles and a healthy environment. You will gain knowledge and skills in analysis and interpretation of water, air and soil populations, which will permit you to investigate real-world problems.

LQB588 Applied Medical Physiology

Pre-requisites	LQB388 or LQB488
Credit Points	12
Campus	null

This unit focuses on the development of your skills and knowledge relevant to research in physiology and other biomedical fields. This unit is designed to foster your development of a range of skills including: critical thinking, team work, planning, writing, time-management, problem-solving and organisation skills. This unit will help you to interpret scientific literature and to understand how the use of statistical methods relates to research. The unit will cover a range of advanced topics in physiology using a more integrative and applied approach than previously encountered. It introduces some issues currently under debate and at the forefront of physiology research.

LQB589 Forensic Anatomy

Pre-requisites	LQB382
Credit Points	12
Campus	null

LQB593 Pathogenesis

Credit Points	12
Campus	null

LQB594 Diagnosis and Therapeutics

Credit Points	12
Campus	null

LQB681 Biochemical Research Skills

Pre-requisites	LQB381 or LSB308. Students with equivalent study can apply for a requisite waiver
Equivalents	LSB607
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

In the real world, the design and completion of successful research and/or business projects demand that individuals gather information, solve problems, work effectively as a part of a team and analyse and communicate results in a critical manner. This unit offers opportunities for you to develop these skills that are valued highly by potential employers and research project leaders. The aim of this unit is to assist you to demonstrate and strengthen a number of generic research skills in a mentored problem-based learning environment that mirrors a real-world research team and the challenges that they face.

LQB682 Protein Biochemistry and Bioengineering

Pre-requisites	LQB381 or (LSN101and LSN102)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit is designed to give you the essential concepts and techniques driving research and industrial biotechnology so that you will be equipped for multiple careers in the biological sciences. The skills you develop will allow you to enter a practical laboratory environment or to apply your knowledge in related areas of evaluations of technologies and intellectual property.

LQB683 Cytopathology

Pre-requisites	LSB566
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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 Medical Biotechnology

Pre-requisites	LQB385 and LQB485
Anti-requisites	LSN684
Equivalents	LSB609
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Medical Biotechnology will provide you with a thorough understanding of diagnostics and therapeutics in the commercial environment of biotechnology. A comprehension of approaches and the applications used as therapeutic interventions in medicine is necessary for this understanding. This unit focuses on current state-of-the-art applications within therapeutic biotechnology as directed to novel drug discovery and drug optimisation and to the development of novel therapeutic strategies, such as gene therapy, transplantation and immunotherapy. It will prepare you for subsequent involvement in medical research and/or employment in medical laboratories.

LQB685 Plant Microbe Interactions

Pre-requisites	LQB483 or LSN483
Anti-requisites	LSB578
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Microorganisms, including viruses, bacteria and fungi, cause many devastating diseases in plants and are responsible for significant losses to crops in Australia and Internationally. Diagnosis and control of these organisms, which vary considerably in their biology and infection strategies, is an ongoing challenge. However, plant genetic engineering approaches are now offering new and novel solutions to these problems. These approaches are of widespread scientific, commercial and humanitarian interest. The application of current technologies and development of new, novel technologies relies on an understanding of the biology of the organism, of the way in which these organisms cause disease in plants and the mechanism by which many plants are resistant.

LQB686 Microbial Technology and Immunology

Pre-requisites	LQB386 and LQB483
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This capstone unit builds upon your foundation knowledge and understanding of microorganisms and bioinformatics, molecular technology, and immunological skills. You will: (i) study infectious disease states as a major focus, (ii) research the importance of microbial pathogens as aetiological agents of disease, (iii) apply your knowledge of bioinformatics and molecular assays to design polymerase chain reaction (PCR) assays that can be used to selectively detect and amplify a specific bacterial pathogen, (iii) extend your knowledge of molecular subtyping methods, genomics, manipulation of bacterial genes, antibiotics, human immunology and vaccines, and (iv) write a research report in the format of a journal article.

LQB687 Applied Microbiology 2: Food and Quality Assurance

Pre-requisites	LQB386 or LSB328
Equivalents	LSB628
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Food microbiology and quality assurance constitute potential areas of employment for graduates. Many aspects of these disciplines are important in public health and operational management, Understanding fundamental concepts and their correct application are critical for food safety and management of both food-, and non-food-based operations. This unit with content in applied food microbiology and quality systems, builds on the introduction to food microbiology provided in earlier units. The aim of this unit it to gain advanced knowledge and expertise in food microbiology and fundamental quality assurance principles suitable for application in food and other (bio)technology-based industries.

LQB690 Anatomical Dissection

Pre-requisites	LQB482 and LQB500
Credit Points	12
Campus	null

LSB111 Understanding Disease Concepts

Anti-requisites	LSB321, LSB365, LSB365, LSB475
Credit Points	12
Campus	Caboolture and Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit introduces the structure and function of the body, reviews the body systems and links those to mechanisms of disease. Systems and topics covered are: integumentary, skeletal, muscular, nervous, endocrine, blood, heart and circulation, lymphatic, immune, respiratory, digestive (including nutrition and metabolism), urinary, reproductive, concepts of growth and development, genetics. Examples of diseases introduced are: heart disease and hypertension, cancers (lung, breast, skin, colon, prostate, testicular, cervical), diabetes, depression, Parkinson's disease, asthma and chronic obstructive lung diseases.

LSB131 Anatomy

Anti-requisites	LQB183, LSB255
Equivalents	LSB145
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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

Anti-requisites	LSB131, LSB182, LSB258
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

LSB182 Bioscience 1

Anti-requisites	LSB131, LSB142
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The aims of this unit are to provide you with a clear understanding of anatomical terminology used in the health professions; provide you with a strong background enabling you to apply concepts of anatomy, physiology, microbiology and introductory pharmacology to your future studies of diseases and their treatment; provide an introduction to infectious agents that impact on human health and infection control.

LSB231 Physiology

Anti-requisites	LSB250
Equivalents	LSB245
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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 and prepares you for your clinical studies.

LSB250 Human Physiology

Pre-requisites	SCB112 or LSB118 or LSB131 or LQB182 or LSB142
Anti-requisites	LSB231
Credit Points	12
Campus	Gardens Point

Teaching Periods	2014 SEM-2 (INT)

A strong foundation in human physiology is crucial for students in Optometry, Podiatry and Medical Science. This unit will provide you with the necessary foundation for subsequent units in physiology, pathology or immunology. This unit is also appropriate for other students interested in studying medical physiology at an intermediate level and is also designed to encourage your interest in scientific research and current issues in medical physiology. The aim of this unit is for students to gain a strong a background in human physiology and to develop skills and gain knowledge that are relevant to the needs of future optometrists, podiatrists and medical scientists.

LSB255 Foundations of Anatomy and Histology

Pre-requisites	SCB112 or LQB182
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

A detailed understanding of human anatomy is fundamental to the knowledge base of the medically orientated biological scientist. This unit introduces you to both theoretical and practical aspects of gross, systemic and microscopic anatomy of the human body with emphasis on the microscopic anatomy. The unit builds upon knowledge gained in previous units which introduced you to basic principles of cell structure and function. Knowledge gained in this unit provides a basis for more advanced studies in cellular pathology, histochemistry and cytology.

LSB258 Principles of Human Physiology

Anti-requisites	LSB231, LSB142, LSB250
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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, students 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.

LSB275 Biomolecular Science

Anti-requisites	LQB381, LSB308, LQB481, LSB408
Credit Points	12
Campus	null

This unit is designed specifically for optometry and podiatry students and introduces you to the study of biochemistry, along with anatomy and physiology. Being an introductory unit, it provides you with the knowledge required for the proper understanding of the functioning of the human body and its organ systems in health and disease, as a preparation for their clinical studies. The aim of the unit is to develop an understanding of the structure and function of biological molecules and metabolic processes.

LSB282 Bioscience 2

Pre-requisites	LSB182 or (LSB131 and LSB231)
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The aims of this unit are to provide you with a clear understanding of the pathophysiological processes resulting in altered health and disease states, and to introduce you to the host immune mechanisms which respond to foreign invaders within the body or result in disease states.

LSB325 Biochemistry

Pre-requisites	SCB121 or SCB113 or PQB105
Anti-requisites	LQB381, LQB481
Credit Points	12
Campus	null

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.

LSB365 Pathology

Pre-requisites	(LQB281 and LSB255 and LSB250) or (LQB281 and LQB183 and LSB258)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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, immune disorders, infectious diseases 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.

LSB382 Bioscience 3

Pre-requisites	LSB182 or LSB131
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The aims of the unit are to provide you with a clear understanding of the pathophysiological processes resulting in altered health and disease states; develop your understanding of the aetiological agents of infectious disease and the effects of infection on the body; and enable you to apply strategies to control infections.

LSB384 Pharmacology For Health Professionals

Pre-requisites	(LSB111 or LSB282 or LSB382 (NS40) or (LSB475 or CSB520 (OP45) or LQB281 (CS43))) or (LSB235 and LSB250 (PU43 Podiatry))
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Health professionals such as Nurses, Paramedics, Podiatrists and Optometrists require a detailed understanding of the pharmacological properties of the medicines that are used daily in the treatment of patients under their care. This unit introduces students to the discipline of pharmacology by examining the interaction of drugs with biological systems. An understanding of pharmacology is fundamental to a student's understanding of pharmaceutical products in terms of efficacy and safety and provides a rationale for their therapeutic use.

LSB425 Quantitative Medical Science

Pre-requisites	(LQB381 or LSB325) and MAB141
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

LSB438 Immunology 1

Pre-requisites	LQB386 and LSB250
Anti-requisites	LSN438
Credit Points	12
Campus	null

Immunology is the study of the physiological systems used to defend the body from invasion by foreign organisms and the pathologies associated withinappropriate immune responses. In this unit, you will gain knowledge relating to the immune system and application of basic immunological procedures in the laboratory. The unit presents the mechanisms of the immune process including the nature of antigens, antibodies, complement, antigen-antibody reactions, antibody formation, antigen processing, control of the humoral and cell mediated immune responses and immunisation against infections.

LSB465 Histopathology 1

Pre-requisites	LSB365 and SCB113 and LSB255
Credit Points	12
Campus	null

Histopathology and cytology are essential components of pathological diagnosis and major clinical disciplines in Medical Laboratory Science. The aim of the unit is to provide you with a knowledge of histological techniques and interpretation of histopathological tests, as well as the principles of cytopathological diagnosis.

LSB466 Histological Techniques

Pre-requisites	LSB365 and (CVB101 or PQB105)
Anti-requisites	LSB465

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Histology is the study of cells and tissues at the microscopic level; histological techniques are the procedures used in the laboratory to prepare them. This second year unit is designed to provide you with the essential knowledge and practical skills to work in a histopathology laboratory and interpret basic 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. LSB466 incorporates and builds on your learning in LSB255 and LSB365, and prepares you for LSB566 in the third year of your course.

LSB480 Professional Practice

Pre-requisites	LSB425 and LSB435 and LSB465
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT); 2014 SUM (INT)

Six weeks of professional practice is undertaken at the end of the second year full time of the medical science course, during the summer vacation. This experience provides you with a supervised introduction to the pathology workplace and prepares you for the clinical units in the third year of the course. During this time you will be given limited supervised experience working at the bench, and you will gain a greater appreciation of the role of the laboratory scientist in a paramedical team. It will reinforce the importance of quality standards, and health and safety issues, as stressed at QUT, and it will place you in direct contact with prospective employers in the pathology industry. The professional practice unit aims to provide you with a supervised introduction to the pathology workplace.

LSB492 Microbiology

Anti-requisites	LQB301
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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 LSB325 and the practical and analytical skills developed in LSB425.

LSB535 Microbial Immunology

Pre-requisites	LSB438 or LQB387
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit builds on the concepts developed in Immunology 1 to introduce students to the life cycles of a variety of pathogens, particularly viruses, and the mechanisms employed by a host to avoid infection.

LSB555 Principles and Practice of Clinical Haematology

Pre-requisites	LQB490 and (LSB438 or LQB387)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 your skills it is critical you have an in-depth understanding of the aetiology and pathophysiology of frequently encountered dyscrasias, 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	(LSB465 or LSB466) and LQB490
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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 LSB325, the study of biochemistry, the practical skills developed in LSB425, the study of quantitative medical science, and the theoretical and practical elements of LSB525, the study of chemical pathology.

LSB635 Diagnostic Microbiology 2

Pre-requisites	LSB435
Credit Points	12
Campus	null

This advanced level unit completes the preparation of the student for a career in a routine diagnostic microbiology laboratory by building upon foundation topics covered in LSB435. The overall theme is human infectious disease diagnosis with bacteriology, mycology and parasitology the three key focus areas. This unit continues a strong commitment to professional practice by developing high level generic and specific skills. Specific discussion points include (where relevant): life cycles, pathogen acquisition, infectious disease diagnosis pathways, classification systems, clinical presentations, diagnostic protocols and patient management. Students are encouraged to think critically and to discuss issues in an interactive and supportive learning environment.

LSB655 Applied Clinical Haematology

Pre-requisites	LSB555
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This third year haematology unit builds on 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 understand, identify and recognise these disorders, and explores the aetiology, pathophysiology, laboratory tests used to investigate and diagnose them, and/or monitor treatment in the clinical setting. This unit, combined with LSB555, prepares you for employment as a medical scientist in a diagnostic haematology laboratory.

LSB658 Clinical Physiology

Pre-requisites	(LSB142 and LQB281) OR (LSB282 and LSB382)
Anti-requisites	LQB508
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

In this advanced capstone unit students explore the physiological basis, pathogenesis, clinical features, diagnostics and treatment rationale of major human disorders. Here, students will develop a deep understanding and ability to communicate the connection between anatomy/physiology and the process of disease. The unit is particularly focussed on "real world examples" such as clinical case histories, and students will apply their critical thinking / complex reasoning skills to discuss alternative diagnoses and treatments.

Units

LSB665 Transfusion and Transplantation Science

Pre-requisites	LSB555
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Transfusion and Transplantation Science is a specialised study within Medical Science, primarily involving the testing of blood for antigen and antibody compatibility for a safe blood transfusion. The concepts are extended to histocompatibility testing. This unit is positioned in the developmental phase of the course, being preceded by LQB387 and LSB555 which should introduce you to immunological concepts and blood diseases that may require a blood transfusion.

LSN101 Molecular Biosciences

Co-requisites	LSN102, LSN483
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

For you to be successful in the more advanced units offered in the coursework programs in biotechnology you must have a sound knowledge and understanding in the key areas of molecular biology, cell biology, biochemistry and microbiology and be able to demonstrate your learning in a practical way in the laboratory. This unit, in conjunction with LSN102 Cellular Biosciences and LQB483 Molecular Biology Techniques, will help you to achieve those goals. This unit aims to facilitate your active learning (knowledge, understanding and application) of cell and molecular biology appropriate for a postgraduate degree in biotechnology.

LSN102 Cellular Biosciences

Co-requisites	LSN101, LSN483
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Central to your understanding of the fundamental theory underlying medical and plant biotechnology is an understanding of normal and disease processes, and the events and changes that occur in structure and function at the cellular level. This unit gives you the opportunity to explore these key aspects before proceeding to more advanced concepts in biotechnology. This unit aims to provide high level understanding of cellular processes and responses, as a fundamental basis for further postgraduate studies in cellular and molecular biosciences.

LSN103 Postgraduate Learning and Research Skills

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit assists you in developing of a range of generic and specific skills and attributes to be a successful postgraduate student. On completion of the unit, you will: (i) know how to manage information tools and resources effectively in order to advance your university study and become an independent and competent learner (ii) build and increase your knowledge and competence in using basic software applications and general knowledge of information communication technologies and (iii) develop key skills in project design and management. This unit consists of a series of workshops, seminars and on-line tutorials presented by a team of teaching and learning support staff from across the university.

LSN483 Molecular Biology Techniques

Co-requisites	LSN101, LSN102
Equivalents	LQB483, LSB468
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Fundamental and advanced skills in molecular biology are essential prerequisites for biotechnology. Through close alignment of theoretical concepts and practical skills, this strongly lab-oriented postgraduate unit allows you to develop expertise in modern recombinant DNA techniques and an understanding of strategies used to identify and manipulate genes. Integration between theory and practice in this unit is designed to develop competence, independence and high-order critical thinking skills so as to fully prepare you for the suite of advanced units in the Postgraduate Coursework Biotechnology programs. The overall aim of this unit is to develop concepts and laboratory skills in the characterisation and analysis of nucleic acids and recombinant DNA technologies and to extend these technologies into the understanding and application of the different strategies for gene discovery.

LSN583 Genetic Research Technology

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The tools available for the discovery and manipulation of new genes are increasing exponentially and, in turn, this is having a significant impact in many areas of the life sciences. The true potential for this ultimately relies on the ability to link genes and their function. There are many strategies, both targeted and global, which facilitate an understanding of gene and genome structure function relationships. These strategies rely on integrated technologies based on molecular genetics, molecular biology and genetic engineering. The identification of function leads then to unlimited potential for detection and manipulation of these genes in human, animal and plant systems.

LSN584 Medical Cell Biology

Pre-requisites	LSN101 and LSN102
Anti-requisites	LSB503, LSB449, LQB584
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit builds and extends the understanding of basic theoretical and practical aspects of molecular cell biology developed in previous cell and molecular biology units. Medical Cell Biology develops and extends the context of the cellular environment and its central role within the organism providing all of the biological functions required by the organism to survive, defend and protect itself from disease and trauma. An understanding of cell biology theory and molecular mechanisms of animal development and disease is essential for introduction to higher level units in medical biotechnology.

LSN585 Plant Genetic Manipulation

Anti-requisites	LSB577
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The potential of plant biotechnology can only be recognised as a result of the significant advances being made in technologies enabling the genetic manipulation of plants. Familiarity with the strategies, techniques and breadth of applications is essential as a basis for anyone planning a career in plant biotechnology. The unit is designed with a significant emphasis on achieving technical expertise in plant genetic manipulation and control of gene expression.

LSN684 Medical Biotechnology 2

Pre-requisites	LSN101 and LSN102
Anti-requisites	LQB684
Equivalents	LSN609
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

-

LSN710 Project

Credit Points	48
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

A research project is taken at the end stage of the LS96 course and enables you to develop detailed expertise in one area of research related to biotechnology. It usually enables specialisation in a research field but may also be taken in some clinical speciality area as approriate. This postgraduate unit is specifically designed to develop and refine your generic and high order academic skills and attributes, scientific research hands-on skills, your information retrieval and communication skills. You will be expected to work semi-independently with minimal supervision.

LSN711 Project 1

Credit Points	24
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This postgraduate unit is usually taken at the end stage of the LS96 Master of Biotechnology (Advanced) degree or as part of the SC71 Graduate Diploma of Applied Science degree and may be done in conjunction with LSN712 Project 2. LSN711 involves the writing of a critical literature review on a specific topic to identify knowledge gaps which are usually explored experimentally in LSN712 to follow. The overall aims of this postgraduate unit is for you to develop and refine skills in the collection and analysis of information and data on a specific topic in your area of research interest and to enable you to compile and write a comprehensive and critical literature review.

Units

LSN712 Project 2

Pre-requisites	LSN711 (can be enrolled in the same teaching period)
Credit Points	24
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT, EXT)

This postgraduate unit is usually taken at the end stage of the LS96 Master of Biotechnology (Advanced) degree or as part of the SC71 Graduate Diploma of Applied Science degree and is undertaken in conjunction with LSN711 Project 1 as a prerequisite or corequisite. LSN712 involves experimental exploration of knowledge gaps identified in a critical review of the literature (LSN711). The overall aims of this postgraduate unit are to: (i) develop and refine your experimental skills in a research laboratory and (ii) enable you to compile and write a research report derived from the data collected and critically analysed.

LSP127 Business Aspects of Biotechnology

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Supporting a successful biotechnology industry in Australia requires an entrepreneurial framework to be developed which assists the efforts of both researchers and innovators. This unit integrates those essential entrepreneurial techniques of launching a biotechnology business. The unit focus is on the research and development of industrial products and commercialising innovations developed in this industry. On completion of this unit the student will be able to identify and analyse entrepreneurial opportunities and evaluate these opportunities within biotechnology together with the ability to identify and comprehend the steps involved in setting up a new biotechnology enterprise.

LWB136 Contracts A

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

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. This is the first of two associated units which examine the law of contract, the focus of this unit being on the discharge of contracts, remedies for breach and the invalidation of contracts. The two units together provide the foundation for several units encountered later in the course. This unit includes the following: formation of contracts; equitable estoppel; privity of contract; formalities; express and implied terms; an examination of promises which are legally binding; how contractual promises may be characterised and the significance of that characterisation.

LWB137 Contracts B

Pre-requisites	LWB136
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

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. This is the second of two associated units which examine the law of contract, the focus of this unit being on the discharge of contracts, remedies for breach and the invalidation of contracts. The two units together provide the foundation for several units encountered later in the course.

LWB145 Legal Foundations A

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

The unit aims to provide foundational knowledge about law and legal concepts, the Australian legal system and constitution, sources of law (including their purpose and use) and the ethical underpinnings of the law and legal profession. The unit also aims to introduce, within real world contexts, the essential legal skills of case analysis, problem solving, legal writing, legal reasoning, legal research and statutory interpretation to enable students to progress in their study of law.

LWB146 Legal Foundations B

Pre-requisites	LWB145. LWB145 and LWB146 can be studied in the same teaching period.
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

The aim of this unit is for you to further develop, within real world contexts, the skills in legal research, analysis, problem solving and writing that were introduced in LWB145 Legal Foundations A. This aim is directed towards ensuring that by the end of the first year of your law degree you are able to perform tasks required to progress your study of law and that you can reflect on the continued development of your legal research and writing skills to equip you with the skills required in legal practice.

LWB147 Torts A

Pre-requisites	LWB145 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT)

The aims of this unit are for you to develop an understanding of the law of torts relating to trespass, negligence and workers' compensation and the underlying principles and policies that influence the development of torts law. Further, this unit aims to demonstrate how the law of torts works in a real world context, with particular focus on legal problem solving and the teaching of legal interviewing skills. The unit will practise and develop the foundational legal skills introduced in LWB145 Legal Foundations A.

LWB148 Torts B

Pre-requisites	LWB138 or LWB147 or LWB146 where LWB146 can be enrolled in the same study period
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

This unit aims to build upon the knowledge, understanding and skills developed in Torts A through a more in-depth examination of a wider range of torts and related issues. It also aims to equip you with a more detailed and sophisticated knowledge and understanding of how this area of the law is likely to develop in the 21st Century. Integral to this is the development of your skills, necessary for the practice of law and your further studies of law, in legal problem solving, research and written communication and an understanding of ethical issues related to the practice of law.

LWB238 Fundamentals of Criminal Law

Pre-requisites	LWB145 or LWB141. LWB145 can be studied in the same teaching period as LWB238
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT)

An understanding of the principles of Criminal Law is of fundamental importance as it impinges upon almost every aspect of domestic, commercial, corporate and public activity in Queensland. The aim of this unit is to provide an overview of the aims and sources of Criminal Law in Queensland and to develop an understanding of the onus of proof in criminal matters. Additionally the unit explores the concept of fault elements, the criminal justice system and a selection of major offences while also developing advocacy skills.

LWB239 Criminal Responsibility

Pre-requisites	LWB238
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT); 2014 SUM (BLK, EXT)

The aim of this unit is to build upon the principles and skills explored in LWB238 by developing an understanding of the way criminal responsibility is imposed through the complicity provisions of the Criminal Code and the common law and how the major defences and excuses operate. The unit also examines the major sentencing principles applied in Queensland.

LWB240 Principles of Equity

Pre-requisites	LWB136
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT)

The principles of Equity were originally developed to ameliorate the harshness of the common law and have since become a fundamental component of our legal system. A knowledge and understanding of the major principles of equity are necessary to an understanding of how the Australian legal system operates; it is therefore located early in the LLB

degree. The aim of this unit is to provide a coherent knowledge and understanding of equitable principles within the context of the Australian legal system as well as developing skills relevant to ongoing learning and professional practice.

LWB241 Trusts

Pre-requisites	LWB240
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT); 2014 SUM (BLK, EXT)

Trusts are a fundamental institution of ownership of property in equity; they are used for various purposes including estate planning, commercial and charitable purposes. A knowledge and understanding of the trust in its various forms and the equitable principles of property transfer are fundamental in understanding the impact of the principles of equity in the area of property ownership and rights. The aim of this unit is to provide a coherent knowledge and understanding of the law relating to trusts within the context of the Australian legal system and to develop skills relevant to ongoing learning and professional practice.

LWB242 Constitutional Law

Pre-requisites	LWB146 or LWB143
Anti-requisites	LWB235, LWB231
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

The aim of the unit is to provide knowledge and understanding of the constitutional arrangements effected by the Commonwealth Constitution and the State Constitutions, including the structure and institutions of the Constitutions, the division of power between Commonwealth and States, and relations between the different levels of government.

LWB243 Property Law A

Pre-requisites	LWB137 and (LWB148 or LWB139)
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SUM-2 (BLK); 2014 SEM-1 (INT, EXT)

The aim of the unit is to provide you with an understanding of the legal principles relating to real and personal property and how these rules operate in a modern legal system. The unit also aims to develop the skills, necessary for the practice of law and your further studies of law, in legal problem solving and reasoning and oral and written communication.

LWB244 Property Law B

Pre-requisites	LWB243 and LWB146 and LWB241. LWB241 can be enrolled in the same teaching period as LWB244
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (INT, EXT)

In the unit Property Law A the principles underpinning the rules relating to the acquisition, transfer and holding of real and personal property were considered. In Property Law B, the principles of real property law will be examined with a focus on how the Torrens system of registration of title to land and the creation and disposition of various estates and interests in real property. Property Law B is a compulsory unit in the law degree and is required for admission to legal practice. Property law is a significant area of legal practice in government, general practice and specialised law firms. In Property Law B a range of registrable interests and related issues are examined so that you may develop the knowledge, understanding and skills necessary to maintain your abilities in this important area of legal practice.

LWB259 Mining and Resources Law

Pre-requisites	LWB146 and LWB137
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

-

LWB260 Sports Law

Pre-requisites	LWB137 and LWB148
Equivalents	LWB460
Credit Points	12
Campus	null

Sport is an area that is becoming increasingly business orientated and litigious. It you plan to work as a manager, administrator or lawyer in the area of sports you will, in the course of your day to day activities, encounter a wide variety of situations that could have potential legal consequences. As a result, a sound knowledge of the key areas of the law relevant in this area, such as torts, contract, sporting tribunals, discrimination and licensing, and how to apply them to real world problems is essential.

LWB302 Family Law

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SUM-2 (BLK); 2014 SEM-2 (INT, EXT)

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 of the relevant legislation and case law and how it is applied in practice.

LWB307 Insolvency Law

Pre-requisites	LWB334
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This course presents a broad coverage of the legal issues associated with insolvency for both individuals and corporations. An introduction to the area of personal insolvency law is provided. It covers both bankruptcy and the alternatives available. It also deals with corporate insolvency law building upon the concepts learnt in LWB334 Corporate Law. There is also reference to cross border issues in insolvency.

LWB309 Succession

Pre-requisites	LWB240, LWB241
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SUM-2 (BLK); 2014 SEM-1 (INT, EXT)

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; a detailed examination of the provisions of the Succession Act 1981 (Qld).

LWB312 Real Estate Transactions

Pre-requisites	LWB137, LWB240 and LWB244
Credit Points	12
Campus	null

This unit includes an analysis of a land transaction through the principles involved in the construction of contracts for the sale of land, with special emphasis on the standard REIQ Contract Terms of Sale in use in Queensland. There is also reference to conveyancing of lots under the Body Corporate and Community Title Management Act 1997 and Land Sales Act 1984.

LWB313 Discrimination & Equal Opportunity Law

Credit Points	12
Campus	null

This unit includes the following: an examination of the law and policy with respect to discrimination and equal opportunity in Australia; relevant international treaties and Australian legislation such as the Queensland Anti-Discrimination Act; the Anti-Discrimination Commission and procedures.

LWB333 Theories of Law

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

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.

LWB334 Corporate Law

Pre-requisites	(LWB143 or LWB146) and (LWB237 or LWB243)
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT); 2014 SUM (BLK, EXT)

People who wish to embark on a commercial venture

may choose from a range of forms of legal organisations provided by the legal system. A competent commercial lawyer or business person needs to be aware of the legal principles pertaining to one of the more important types of organisations, namely, the registered company. Corporate Law is designed to provide you with knowledge and understanding of the key legal principles and policy issues relevant to registered companies. This unit is a compulsory area of study in the law degree and is required for admission as a legal practitioner.

LWB335 Administrative Law

Pre-requisites	LWB242 or LWB231
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SUM-2 (BLK); 2014 SEM-1 (INT, EXT)

To enable you to develop a working knowledge of administrative law at both the state and federal level as well as a broader understanding of the role and function of this area of law in balancing administrative efficiency and legitimate government interests against the requirements of accountability in executive decision-making.

LWB361 Drafting

Pre-requisites	LWB241, LWB244 and (LWB237 or LWB243)
Credit Points	12
Campus	null

Drafting is a skill that all legal practitioners use on a day-to-day basis, whether they are in private practice, in the public or private sector, or at the Bar. It is also a skill that legal practitioners often fail to do well. The rationale for the study of drafting and acquisition of practical drafting skills lies in this fact of daily use. Unless the practitioner fully understands the legal implications of what is being drafted, they are not properly servicing the needs of the client. Enrolment in this unit will be capped. Students must apply for a place in the unit.

LWB364 Introduction to Taxation Law

Anti-requisites	AYB219
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SUM (BLK, EXT)

This unit examines the principles relating to the powers of the Australian government to impose income tax. This includes concepts of residence of individual tax payers for taxation purposes and source of income. Students consider the distinction between income and capital as this relates to the imposition of income tax and the concept of deductions as a means of reducing taxable income. Taxation of capital gains particularly as this relates to a taxpayer's main residence, deceased estates and general transfers of assets is discussed in detail. The other major topic is a critical analysis of the need for the general anti-tax avoidance provisions and how they apply.

LWB366 Law of Commercial Entities

Pre-requisites	(LWB143 or LWB146) and (LWB237 or LWB244) and LWB240 and LWB241
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This unit examines the legal principles pertaining to a number of different structures found in commercial life. It includes a brief consideration of corporations, more detailed examination of partnerships, unit trusts, joint ventures and incorporated associations. Consideration is given to the definition of these structures, relationship with third parties, relationship of members inter se. This unit can be completed before or in conjunction with Corporate Law (LWB334).

LWB367 Law of Corporate Governance

Pre-requisites	LWB334
Credit Points	12
Campus	null

Successful completion of LWB334 Corporate Law is an essential prerequisite to undertaking this unit. This is a specialised unit providing an examination of the two organs which govern a company: the board of directors and the company in general meeting. The unit examines in some detail particular aspects of the law applicable to these bodies: some of the duties affecting directors; topical issues such as directors interests in contracts; the role of waiver of breaches and improprieties; members rights and protection; relevant aspects of meeting law; an examination of the roles of the Australian Securities Commission and the Australian Stock Exchange; the roles of the Institutional Shareholder and/or Shareholder Associations.

LWB406 Fundamentals of Public International Law

Pre-requisites	LWB144
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT)

Public international law is the body of laws which governs the relations between nation states. It includes rules about when a new state will come into existence, the privileges and immunities which states grant each other, the circumstances in which one state can use force against another and what states are permitted to do during times of armed conflict. It also provides for the protection of human rights and establishes criminal tribunals to prosecute perpetrators of war crimes and crimes against humanity. Public international law increasingly impacts on Australia's domestic law and an understanding of this body of law is essential for students seeking to work in an expanding globalised workplace. It is also important for understanding the role of law in a globalised world, giving you an appreciation of the way law operates beyond national borders.

LWB418 Competition Moots

Pre-requisites	LWB145 and LWB146
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT, EXT)

If students have completed the foundation units in first year, enjoy working 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.

LWB419 Competition Moots

Pre-requisites	LWB145 and LWB146
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT, EXT)

If students have completed the foundation units in first year, enjoy working 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.

LWB421 Learning in Professional Practice

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (INT); 2014 SUM (EXT)

This unit provides students with the experience of working in a legal professional placement in the private sector. The student will reflect upon and learn from this experience through keeping a reflective journal, sharing their experiences with other students and use of the student ePortfolio. Integral to the student's experience will be the identification and consideration of the theory/practice nexus.

LWB431 Civil Procedure

Pre-requisites	192cp in LWB units
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SUM (EXT)

This core unit focuses on developing basic litigation skills. The following issues are examined: the adversarial system and alternative methods of dispute resolution, obligations to the client, the structures and processes of litigation conducted in the Supreme, District and Magistrates Courts, jurisdiction, originating process, notice of intention to defend, parties, service, ending proceedings early, pleading, disclosure, subpoenas, trial, appeals, costs and enforcement.

LWB432 Evidence

Pre-requisites	LWB239
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SUM-2 (BLK), 2014 SEM-1 (EXT, INT); 2014 SUM (BLK, EXT)

The law of evidence concerns those rules and principles which govern the presentation and proof of facts and information in court proceedings, both civil and criminal. The unit covers both State and Federal jurisdictions.

LWB433 Professional Responsibility

Pre-requisites	Completion of 192 cp of Law units (LWB%)
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SUM-2 (BLK); 2014 SEM-2 (INT, EXT)

This unit includes the following: the ethical principles upon which the practice of all professions is based; the principles which underpin the discipline of law and the workings of the legal profession; the history, nature, organisation and operation of the legal profession; codes of conduct, trust accounts and professional legal ethics.

LWB454 Banking and Finance Law

Pre-requisites	LWB145, LWB137, LWB237 or LWB244
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

Banking and Finance Law covers the principal areas of activity of lenders in commercial and consumer transactions.

LWB456 Legal Clinic (Organised Program)

Pre-requisites	192cp of previous study in Law units (LW%)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (BLK)

In this unit students are provided with the opportunity to see law in action through being involved in the delivery of legal services to members of the community under the umbrella of Legal Aid Queensland, the Prisoners Legal Service Inc or the Aboriginal and Torres Strait Islander Corporation (QEA) for Legal Services. Students work in their placement is supplemented with a weekly seminar program that deals with such topics as legal interviewing, family and criminal law practice, professionalism and legal writing. Entry to this unit is via a successful application only. Application forms can be found here.

LWB459 Commercial and Consumer Law

Pre-requisites	LWB243
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT)

Commercial Law concerns rights in relation to personal property, in particular goods, in the context of commercial transactions. Consumer Law focuses on the rights afforded by the law to the consumer in commercial and financial transactions. This unit builds on the knowledge of the laws of personal property gained in Property Law A. The concepts of personal property law underpin sale of good transactions. It is important to have a sound understanding of these concepts to be able to apply the relevant statutory provisions. The principles of agency law will be examined at an advanced level given the relevance of agency to commercial transactions.

LWB463 Immigration and Refugee Law

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

Immigration and refugee law is currently a key area of law and policy in Australian society. If working in this area of the law it is important that you have an understanding of some of the underpinning theories and of how historical, political and socio-economic factors can impact on this area of the law. It is also important to have a working knowledge of the legislation and case law, including key administrative and constitutional law principles, and how to apply them to real world scenarios.

LWB480 Media Law

Pre-requisites	LWB147 or LWB138
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit examines the regulation and non-regulation of freedom of speech exercised by the media. In this regard various limitations imposed by the common law, statute and self-regulation will be examined, such as defamation, restrictions on reporting courts and politics, contempt, privacy and confidentiality.

LWB482 Internet Law

Credit Points	12
Campus	null

This unit addresses the idea that it is vital for any participant in the digital age to gain a thorough knowledge of the structure, governance and regulation of the Internet, digital intellectual property, and risk management strategies for stakeholders.

LWB483 Medico-Legal Issues

Pre-requisites	(LWB147 or LWB138) and LWB239
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit considers the regulation of health care as well as the relationship between the individual and the health care provider in terms of consent to treatment; negligence; the impact of the criminal law; abortion; removal from life support systems; mental illness; medical records and evidence; ownership and confidentiality of records; the duty to treat; complaints against hospitals and health care workers.

LWB485 Environmental Law and Sustainability

Pre-requisites	192cp of previous study in Law units (LW%)
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This unit examines the concepts and principles of environmental law and how they apply to current issues.

LWB486 Intellectual Property Law

Pre-requisites	LWB146
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

There have been significant developments in the field of intellectual property law in recent years and the area is undoubtedly one perceived by the practising profession as growing in importance. This unit will provide a foundation to those areas of intellectual property law that legal practitioners may encounter in their everyday practice. In so doing, it will provide an examination of each of the intellectual property regimes. The course will also consider some of the broader more general policy matters as they relate to the field of intellectual property law.

LWB494 Principles of Sentencing

Pre-requisites	LWB239
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

This unit seeks to examine in detail the principles underlying the sentencing of offenders, by examining the theories of punishment and how they are employed in practice under the Penalties and Sentences Act 1992 (Qld). It also considers the principles of sentencing offenders, sentencing dispositions, and sentencing different classes of offenders, eg juveniles, dangerous offenders.

LWB497 Advanced Research Project

Pre-requisites	192cp of Law discipline units (LWS% units)
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT), 2014 SEM-2 (INT, EXT); 2014 SUM (INT, EXT)

The aim of the unit is to provide students with the opportunity to develop and apply the skills of research and writing, analysis and reasoning, by undertaking a specific, supervised project of research under the supervision of a senior academic, on a topic agreed

between the student and supervisor which is suitable for achieving the objectives of the unit.

LWB498 Dispute Resolution Practice

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

Dispute resolution processes such as mediation and conciliation are now utilised in many areas of comtemporary Australian society to resolve both legal and non-legal disputes. These processes are used both within the court system and outside it in legal, government, banking, workplace, community, complaints management, health and educational settings. In addition, in recent years, we have witnessed the increasing use by judicial officers of less adversarial approaches to justice within the court system with the aim of providing a more beneficial and effective outcome for clients. It is important that you as a future lawyer or legal professional have a knowledge and understanding of these processes along with a critical perspective of the adversarial system.

LWN025 Research Project 1A

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (INT, EXT)

In this unit, students undertake a supervised research project of about 10,000 words over one semester approved by the Director of Graduate Programs. Students should refer to the relevant course rules for the maximum credit point limit of Research Project units allowed to be undertaken as part of their course and how to apply to undertake this unit.

LWN026 Research Project 2A

Credit Points	12
Campus	null

In this unit, students undertake a supervised research project of about 20,000 words over two (2) semesters approved by the Teaching, Learning and Curriculum Committee. This unit code is the first component. Students should refer to the relevant course rules for the maximum credit point limit of Research Project units allowed to be undertaken as part of their course and how to apply to undertake this unit.

LWN026 Research Project 2A

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

In this unit, students undertake a supervised research project of about 20,000 words over two (2) semesters approved by the Directore of Graduate Programs. This unit code is the final component. Students should refer to the relevant course rules for the maximum credit point limit of Research Project units allowed to be undertaken as part of their course and how to apply to undertake this unit.

LWN026 Research Project 2A

Credit Points	24
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

In this unit, students undertake a supervised research project of about 20,000 words over one semester approved by the Director of Graduate Programs. Students should refer to the relevant course rules for the maximum credit point limit of Research Project units allowed to be undertaken as part of their course and how to apply to undertake this unit.

LWN048 Advanced Legal Research

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (BLK); 2014 6TP2 (BLK)

Legal Research at an advanced level is a fundamental part of postgraduate legal study both for coursework and more particularly thesis and dissertation purposes. Exposure to a structured course on the nature, aims and techniques of legal and other research is essential to a proper foundation in postgraduate research skills at an advanced level. Advanced Legal Research is also highly recommended for those students who have completed their undergraduate degree in a jurisdiction other than Australia.

LWN049 International Environmental Law

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

International environmental law is a dynamic area of international law with implications for the management of natural resources both in Australia and at the global level. This unit introduces students to the fundamental principles structuring international environmental law, discusses the principal institutions, cases and treaties in this field and explores the impact of international environmental obligations on natural resource management in Australia. The unit highlights the particular challenges facing international environmental lawyers seeking the protection and enhancement of the global environment, as well as international environmental issues of contemporary concern.

LWN050 Competition Law

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

The unit provides an overview of the anti-competitive practices, including cartel conduct, which are proscribed by the Competition and Consumer Act 2010(Cth).

LWN051 Consumer Law

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT)

The rationale for the unit Consumer Law is to provide an overview of the Competition and Consumer Act 2010 (Cth).

LWN053 Research Project 1B

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

In this unit, students undertake a supervised research project of about 10,000 words over one semester approved by the Director of Graduate Programs. Students should refer to the relevant course rules for the maximum credit point limit of Research Project units allowed to be undertaken as part of their course and how to apply to undertake this unit.

LWN056 Research Project 1C

Credit Points	12
Campus	null

In this unit, students undertake a supervised research project of about 10,000 words over one semester approved by the Director of Graduate Programs. Students should refer to the relevant course rules for the maximum credit point limit of Research Project units allowed to be undertaken as part of their course and how to apply to undertake this unit.

LWN057 Research Project 1D

Credit Points	12
Campus	null

In this unit, students undertake a supervised research project of about 10,000 words over one semester approved by the Director of Graduate Programs. Students should refer to the relevant course rules for the maximum credit point limit of Research Project units allowed to be undertaken as part of their course and how to apply to undertake this unit.

LWN058 Research Project 2B

Credit Points	12
Campus	null

In this unit, students undertake a supervised research project of about 20,000 words over two semesters approved by the Director of Graduate Programs. Students should refer to the relevant course rules for the maximum credit point limit of Research Project units allowed to be undertaken as part of their course and how to apply to undertake this unit.

LWN058 Research Project 2B

Credit Points	12
Campus	null

In this unit, students undertake a supervised research project of about 20,000 words over two semesters approved by the Director of Graduate Programs. Students should refer to the relevant course rules for the maximum credit point limit of Research Project units allowed to be undertaken as part of their course and how to apply to undertake this unit.

LWN061 Natural Resources Law

Credit Points	12
Campus	null

Natural Resources Law and its related subject Environmental Legal System have become significant areas of professional legal practice over the last decade or so. There is increasing litigation in these areas and the law itself is subject to continual development and modification. A number of firms of solicitors have set up units in their practices

specialising in these areas. At the same time, these branches of the legal system have emerged as significant areas for research and publications. Although most law schools have an undergraduate course in environmental law, it is unusual to include natural resources law as an undergraduate course. Several law schools have introduced courses in the general area of natural resources law although the tendency is to focus on a particular resource such as minerals.

LWN065 Construction and Engineering Law

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

Preparation of construction and engineering contracts has now become a distinct area of legal practice with many firms having established sections which 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
Teaching Periods	2014 SEM-1 (EXT, BLK)

This unit addresses the broad range of legal problems that arise in the formation and operation of commercial transactions of an international nature. An understanding of the law and practice regarding international commercial transactions is a basic prerequisite for the development of Australian export activity, such activity being generally recognised as crucial to Australia's economic well-being. The importance of this area of the law is attested to by the ever increasing number of courses offered on it at the postgraduate level in Australian Law Schools.

LWN083 Estate Planning

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

In recent years there has been a renewed interest in all aspects of estate planning. During the period when death duties were imposed at both the State and Federal levels, professional interest in this area was high as the public perceived its need for expert professional advice, particularly as it related to the structuring of a person's affairs to minimise the impost of these duties. The emergence of capital gains tax and the realisation of its growing significance, together with a recent emphasis generally on financial planning has again brought this area to prominence. At a time when the legal profession is looking for new areas at work, there is also evidence that lawyers see this area as one which has been largely neglected. This unit seeks to conceptualise a framework in which the issues which arise in estate planning can usefully be considered.

LWN099 Intellectual Property Law

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

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.

LWN113 Law of Guarantees

Credit Points	12
Campus	null

Guarantees are an important area of practice for commercial lawyers as a substantial proportion of large commercial transactions involve the giving of guarantees. Guarantees are also significant for consumer finance. This unit considers formation and validity, including comparison with other contracts; factors affecting validity, including disclosure, misrepresentation, mistake, unconscionable conduct, undue influence, s.51AB Trade Practices Act (Cwlth), s.70 Consumer Code; obligations of solicitor; liability, including principle of co-extensiveness and rules of construction; discharge of guarantee, including discharge by the determination of the principal transaction and discharge by reason of the creditor's conduct.

LWN117 Cyber Law and Policy

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This unit examines legal and policy issues relating to the Internet. The unit will consider the application of existing legal principles to 'cyberspace' as well as newly developed Internet Law or Cyberlaw principles. Knowledge of Internet Law is of increasing importance in many areas of legal practice, industry and to society more generally. This is a new area of activity and it is important to educate lawyers and other professionals on the unique issues that have arisen and will emerge in this area, in particular the difficulty in regulating the distributed international network of computers known as the 'Internet'.

LWN119 Employment Law

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (BLK)

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.

LWN125 Electronic Commerce Law

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 6TP1 (BLK)

It is vital for any participant in the digital age to gain a thorough knowledge of how the information economy is regulated for the benefit of individuals, corporations and the State, nationally and internationally. In order to be able to participate as a lawyer or other professional in this new environment it is important to have an understanding of the laws relating to privacy, e-security, consumer regulation, electronic payment and taxation systems, electronic contracts, and Public Key Infrastructure.

LWN131 Queensland State Lands: Law and Practice

Credit Points	12
Campus	null

As the unit examines a unique system of land tenures and dealings which is not studied in any great depth at undergraduate level, the focus of the unit is on: the current legislative scheme and current policies relating to non-freehold land in Queensland; contemporary issues within the context of the prevailing legislative and policy frameworks; and the development of generic skills including research skills and critical evaluation skills that may be applied in other areas of study.

LWN139 Privacy Law

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

Common law courts in Australia have been reluctant to recognise privacy as a personal legal right although similar rights have been upheld in American Courts for more than 100 years. Australian legislation, in particular the Privacy Act 1988 (Cth) has previously been levelled at the public sector. Amendments to the Act in 2001 have opened up the Australian private sector, particularly those organisations with a turnover of more than $3M dealing in sensitive areas such as health, to regulation and potential liability. Arguably the Commonwealth legislation has failed to keep pace with technological advances such as the Internet and the Act has been criticised as being deficient and outdated compared with similar legislation in the European Union, Canada, the United States and Japan. With the advent of technology, issues of privacy and data security now impact on international trade and cross-border commerce. It is incumbent on many Australian businesses with existing or anticipated international trade relationships to be aware of and comply with the privacy regimes of their foreign trading partners.

LWN150 Death, Decisions and the Law

Credit Points	12
Campus	null

As people near the end of their lives, their medical treatment and other care raises complex medical, legal and ethical decisions. Choices about whether particular treatment should be provided or refused may have to be made, and this is complicated by the fact that many people may not have the competence at this stage in their life to be able to make these decisions. Although a competent adult may refuse treatment, another choice demanded by some is the right to end their own life and to be assisted by others to achieve this. This unit examines the legal aspects of these choices.

LWN158 Public International Law

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

Public international law is the foundational law which 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.

LWN162 Australian Common Law System

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (INT, EXT)

This unit is designed for international students from civil law countries and other non-common law jurisdictions or jurisdictions where English is not the first language and Australian graduates in disciplines other than law. This unit will provide these students with a solid foundation in the common law system with particular emphasis on the Australian legal and constitutional framework so that they will be much better equipped to complete other units in the Master of Laws (LW51) or the Graduate Certificate in Applied Law (LW54).

LWN163 Capacity, Guardianship and Administration

Credit Points	12
Campus	null

Decisions about guardianship and administration are part of the legal and social fabric of our society. The Guardianship and Administration Tribunal is a high volume tribunal, and its workload is expected to increase exponentially as our population ages. Despite the fact that decisions about guardianship and administration are being made every day, this area of law raises difficult legal and ethical issues. Because a decision is being made on behalf of an adult with impaired decision-making capacity, there are issues as to who should make these decisions and how they should be made. The complexity of these decisions has at times resulted in entrenched conflict and has needed judicial resolution. The topics examined in this unit are important from the perspective of government regulation, for those making these decisions for adults with impaired capacity (including relatives and those in statutory positions), and for legal practitioners in fields such as health law and succession.

LWN164 Health Care Law and Ethics

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (BLK, EXT)

The relationship between law and ethics in healthcare is important, but at times contested. This unit explores that relationship to lay the foundations of an understanding of law and ethics as they relate to healthcare.

LWN166 Consent To Treatment and Clinical Negligence

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

This unit develops an understanding of the law and the major ethical and policy issues relating to consent to treatment and medical negligence, including medical trespass and select contemporary aspects of medico-legal practice and procedure.

LWN171 Use of Force and International Humanitarian Law

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 6TP1 (BLK)

This important area of law is currently informing and shaping state responses to terrorist and other threats to peace and security. Many of the fundamental concepts in this area of the law are based on the assumption that conflicts occur between states or occur within states and that the principle actors in a conflict are state-based actors. The events of September 11 and consequent terrorist attacks have invited a rethinking of the fundamentals of the laws applicable to the resort to force and the laws which regulate the use of force in situations of armed conflict. At the same time, long standing rules of International Humanitarian Law (IHL) designed to protect civilians from unwarranted attack and to ensure fair trial for individuals accused of serious violations of international humanitarian law have come under enormous pressure. The course will examine the development of these rules and current developments in the enforcement of these important principles of IHL.

LWN172 Special Topic in Commercial Law

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 5TP8 (BLK)

Advanced level research frequently draws on the expertise of leading national and international researchers who visit the Law Faculty, as well as research developing out of activities (grants etc) in the Faculty or related entities (Centres of Excellence etc). By enrolling in Special Topic in Commercial Law, Graduate Certificate in Law (LW60) students and Master of Laws (LW51) students can take advantage of the expertise of these acknowledged experts, enrol in this unit and gain knowledge in areas of interest that may only be available for a limited period of time at QUT, while at the same time counting this unit as part of a major in Commercial Law.

LWN173 Special Topic in Environmental Law

Credit Points	12
Campus	null

Advanced level research frequently draws on the expertise of leading national and international researchers who visit the Law Faculty, as well as research developing out of activities (grants etc) in the Faculty or related entities (Centres of Excellence etc). By enrolling in Special Topic in Environmental Law, Graduate Certificate in Law (LW60) students and Master of Laws (LW51) students can take advantage of the expertise of these acknowledged experts, enrol in this unit and gain knowledge in areas of interest that may only be available for a limited period of time at QUT, while at the same time counting this unit as part of a major in Environmental Law.

LWN174 Special Topic in Health Law

Credit Points	12
Campus	null

Advanced level research frequently draws on the expertise of leading national and international researchers who visit the Law Faculty, as well as research developing out of activities (grants etc) in the Faculty or related entities (Centres of Excellence etc). By enrolling in Special Topic in Health Law, Graduate Certificate in Law (LW60) students and Master of Laws (LW51) students can take advantage of the expertise of these acknowledged experts, enrol in this unit and gain knowledge in areas of interest that may only be available for a limited period of time at QUT, while at the same time counting this unit as part of a major in Health Law.

LWN175 Special Topic in Public Law

Credit Points	12
Campus	null

Advanced level research frequently draws on the expertise of leading national and international researchers who visit the Law Faculty, as well as research developing out of activities (grants etc) in the Faculty or related entities (Centres of Excellence etc). By enrolling in Special Topic in Public Law, Graduate Certificate in Law (LW60) students and Master of Laws (LW51) students can take advantage of the expertise of these acknowledged experts, enrol in this unit and gain knowledge in areas of interest that may only be available for a limited period of time at QUT, while at the same time counting this unit as part of a major in Public Law.

LWN176 Special Topic in Criminal Law

Credit Points	12
Campus	null

Countries worldwide are under increasing pressure to take effective steps, both individually and collectively, to tackle corruption and recover the proceeds of corruption. Australia is no exception. International efforts to address the problem culminated with the coming into force in December 2005 of the UN Convention Against Corruption (UNCAC). This the first global instrument designed to tackle corruption in both the private and public sectors and it builds on a number of regional anti-corruption initiatives, including the Asia Development Bank/OECD Anti-Corruption Initiative for Asia-Pacific. In addition the Organisation for Economic Cooperation and Development (OECD)

has been active within the setting of tackling corruption in international business, particularly through the OECD Convention on Combating Bribery of Foreign Public Officials in International Business Transactions (OECD Convention). Australia is a party to both Conventions.

LWN177 Special Topic in Technology Law

Credit Points	12
Campus	null

Advanced level research frequently draws on the expertise of leading national and international researchers who visit the Law Faculty, as well as research developing out of activities (grants etc) in the Faculty or related entities (Centres of Excellence etc). By enrolling in Special Topic in Technology Law, Graduate Certificate in Law (LW60) students and Master of Laws (LW51) students can take advantage of the expertise of these acknowledged experts, enrol in this unit and gain knowledge in areas of interest that may only be available for a limited period of time at QUT, while at the same time counting this unit as part of a major in Technology Law.

LWN178 Special Topic in Intellectual Property Law

Credit Points	12
Campus	null

Advanced level research frequently draws on the expertise of leading national and international researchers who visit the Law Faculty, as well as research developing out of activities (grants etc) in the Faculty or related entities (Centres of Excellence etc). By enrolling in Special Topic in Intellectual Property Law, Graduate Certificate in Law (LW60) students and Master of Laws (LW51) students can take advantage of the expertise of these acknowledged experts, enrol in this unit and gain knowledge in areas of interest that may only be available for a limited period of time at QUT, while at the same time counting this unit as part of a major in Intellectual Property Law.

LWN182 Criminal Tribunals

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

-

LWN184 Insolvency Law and Professional Practice 1

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

This unit is a corporate course designed in conjunction with the Insolvency Practitioners Association of Australia. It covers professional, legal and other aspects of insolvency. It provides a broad introduction to the context of insolvency procedures and discusses what is meant by the word insolvent. It goes on to deal with insolvency procedures that might be described as terminal in nature- namely personal bankruptcy and liquidation.

LWN185 Insolvency Law and Professional Practice 2

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

The aim of this unit is to contextualise and build upon your knowledge in the area of personal and corporate insolvency. The course will provide a sound conceptual basis for future professional development in the relevant areas. It will also encourage you to appreciate that an overview of the regime governing insolvent individuals and corporations is essential to an understanding of our social and economic environment.

LWN194 Conceptual Issues in Medical Law

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

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; 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.

LWN198 Advocacy and Financial Disputes in Family Law

Credit Points	12
Campus	null

In the last 10 years, a number of significant reforms have been undertaken that directly impact on financial settlements. These include introduction of Binding Financial Agreements, Superannuation splitting and orders as against third parties. In this same context, the rules and practices of Family Law Courts have been completely re-written, with the introduction of the Federal Magistrates Court and updated Family Law Rules. The complexity and volume of applications, together with lack of resources often results in limited time being available to present cases. In order to be a successful practitioner in Family Law a current understanding of the relevant law and procedures is essential. Practitioners also need high level advocacy skills both to assist the Court and the client to enable a timely resolution of disputes.

LWN204 Family Dispute Resolution

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (BLK)

In Australian family law, litigation is an option of last resort and parties 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 parenting disputes there are now compulsory pre-filing dispute resolution requirements. 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) process, communication skills and an understanding of how to effectively facilitate family dispute resolution (FDR). They also need to understand the legislative obligations of FDRPs.

LWN205 Cross Border Insolvency

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 5TP4 (BLK)

The aim of this unit is to enable insolvency specialists to understand the essential features of the world's major insolvency systems, as well as the basic workings of the UNICTRAL Model Law as it has been adopted in Australia and in the United States, and the essential features of the European Insolvency Regulation. Comparative and Cross-Border Insolvency will allow students to survey at an advanced level the sources, components and policies underlying the law of international insolvency. The course will proceed in two stages. In the first stage, the class will examine the types of bankruptcy systems in place in the developed and developing world. Through study of priorities granted and reorganization provisions adopted, the course will attempt to give the student an overview of the complexity and problems facing the reorganization of large companies across borders. The focus will be primarily on commercial and corporate insolvencies.

LWN206 Family Dispute Resolution Practitioner Skills

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (BLK)

In parenting cases parents are generally required to attend famly dispute resolution (FDR) and to obtain an FDR certificate, before filing a court application. In financial cases, parties are required to attempt negotiation or mediation before filing a court application. There is growing demand for family law professionals who are accredited family dispute resolution practitioners (FDRPs) to assist parties with the resolution of disputes. This unit allows family law professionals, after completion of LWN204 Family Dispute Resolution, to complete the academic requirements for FDRP accreditation and the training and education requirements for national mediator accreditation.

LWN301 Principles of Australian Contract Law

Anti-requisites	LWB136 and LWB137
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (INT, EXT)

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, we will be concentrating on the legal principles applicable in Queensland.

Units

LWN401 General Introduction To Intellectual Property Law

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (BLK)

Intellectual property law is of fundamental significance to the knowledge economy. It provides the legal framework for managing the creation, transfer and commercial transactions in intangible works. It has become a vital component of legal practice, but also has importance in the development of policy and practices internationally. This unit provides an overview of the key areas of intellectual property law, in order to demonstrate the scope of the law, and some of the key issues affecting the operation of the law in today's society.

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
Teaching Periods	2014 6TP2 (BLK)

In the modern world, commercial entities are increasingly faced with issues concerning the exploitation of and access to innovative products relating to information technology and biotechnology. This specialised area is of growing importance to government, industry and society more generally. This unit apprises IP experts of the workings of the patent system in a fast-changing, dynamic global environment in the light of current economic, political and strategic innovations.

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
Teaching Periods	2014 5TP3 (BLK)

In the last decade, the traditional copyright regime has been debated on two fronts. First by the growth of technological developments that makes unauthorised copying even easier. Second by concerns voiced by developing nations, consumers, library associations, open source advocates, NGOs, internet service providers, digital manufacturers and others who have advocated for more balanced copyright protection. Legislators around the world have responded to these challenges with major reform to copyright law at both the national and international levels. Given the increasingly complex nature of copyright law in the digital age, it is necessary not only to be familiar with the current copyright law but also to understand both the international and policy context driving the reform agenda.

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
Teaching Periods	2014 6TP4 (BLK)

Knowledge of trade mark law is integral to the understanding of, and practice in, the area of intellectual property law. In order to gain a sound understanding of trademark law, it is important to learn the statutory requirements and the associated procedures relating to registration of trade marks, domain names and geographical indications. This unit will also examine issues relating to infringements and the principles of law applicable here.

LWN405 Industrial Designs and Plant Variety Protection

Pre-requisites	LWN401. LWN401 can be studied in the same teaching period as LWN405
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 6TP3 (BLK)

This Unit comprises two discrete branches of intellectual property law, viz., industrial designs law and law relating to protection of new plant varieties. However, the selection relating to industrial designs will be the major focus whereas plant varieties protection law will be covered at an introductory level. Industrial designs are everywhere around us. They cover every industrial sector, ranging from textiles to furniture, packaging to jewellery, household goods to toys. This unit explores issues concerning the protection and exploitation of industrial designs facing lawyers today. New plant varieties are of fundamental significance for production of sufficient and high quality food in the agricultural and horticultural fields. Sustainable agriculture and food security are dependent on provision of adequate legal protection of plant breeder's rights.

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
Teaching Periods	2014 5TP6 (BLK)

Intellectual property rights are being continuously reshaped to adapt to dramatic changes and are facing unprecedented challenges. In the knowledge and information technology age where knowledge and IP-based assets have become key factors in global competition and economic growth, intellectual property law has become a crucial crossover for several economical, scientific and political decisions and the awareness of the ethical implications connected to Intellectual Property law is constantly growing.

LWN407 Intellectual Property Management

Pre-requisites	LWN401. LWN401 can be studied in the same teaching period as LWN407
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (BLK)

It is of fundamental significance that the creation of new intellectual property and necessary registration (where appropriate), leads to production of new products or services for introduction into the marketplace. This usually occurs through the process of commercialisation. This unit investigates the key issues dealing with commercialisation of intellectual property in order to apply strategies that need to be put in place to transform the IP into new and useful products and services.

LWN408 Research Project

Pre-requisites	LWN401. LWN401 can be studied in the same teaching period as LWN408
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

This unit is the vehicle for you to undertake a structured, individual research project under supervision. The course requires that you are capable of using your initiative to manage a major research project to satisfy completion. The project is to be a substantial piece of work relevant to the course carried out on an individual basis, investigating and analysing the legal aspects of a real world intellectual property problem.

LWP100 ADR Skills

Credit Points	12
Campus	null

The aim of this unit is to provide a coherent knowledge and understanding of dispute resolution theory and to provide basic training in mediation skills with particular focus on the resolution of workplace disputes.

LWP137 Contracts B

Credit Points	12
Campus	null

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. This is the second of two associated units which examine the law of contract, the focus of this unit being on the discharge of contracts, remedies for breach and the invalidation of contracts. The two units together provide the foundation for several units encountered later in the course.

LWP142 Law Society and Justice

Credit Points	12
Campus	null

The practice of law requires an understanding and appreciation of the historical origins of the concepts of `rights¿ and `justice¿ and how such concepts continue to be influenced by changing values within our society. In order to become effective legal practitioners, law graduates need to understand that society is rapidly changing and the law is also evolving, although often at a much slower pace. As a consequence, some groups within our society may be disadvantaged in the legal system. These notions

guide the development of the policies underlying the law, and inform changes to law through legislative and judicial action. The unit is placed at the outset of the course to commence your training in legal thought processes such as the ability to think critically about the law and to introduce you to various skills important to legal practice such as oral communication.

LWP144 Laws and Global Perspectives

Credit Points	12
Campus	null

Modern Australian lawyers need to have an understanding of the legal rules which apply in jurisdictions outside of their own and how these rules influence Australian law and legal practice. Following on from Law, Society and Justice, which gave you an appreciation of the societal context in which the Australian legal system operates, this unit takes the next step, situating the law and legal practice in Australia within the broader global context and explaining how international and overseas legal systems impact on our own. The unit will introduce and explain the fundamental structures and principles of three areas of law which are essential to an appreciation of the global context in which the Australian legal system operates – public international law, comparative law, and private international law – and examine their relevance to contemporary legal practice in Australia.

LWP148 Torts B

Credit Points	12
Campus	null

This unit aims to build upon the knowledge, understanding and skills developed in Torts A through a more in-depth examination of a wider range of torts and related issues. It also aims to equip you with a more detailed and sophisticated knowledge and understanding of how this area of the law is likely to develop in the 21st Century. Integral to this is the development of your skills, necessary for the practice of law and your further studies of law, in legal problem solving, research and written communication and an understanding of ethical issues related to the practice of law.

LWS008 Entertainment Law

Pre-requisites	LWS009 or BSB111
Anti-requisites	LWS011
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The entertainment industry involves a myriad of transactions and interactions that are governed by a wide range of laws. A basic of understanding of the laws most commonly encountered in the entertainment industry should assist those involved in the industry 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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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 mean 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 mean 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

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (BLK)

This unit on international trade law addresses the broad range of legal problems that arise in the formation and operation of commercial transactions of an international nature. An understanding of the law and practice regarding international commercial transactions is a basic prerequisite for the development of Australian export activity, such activity being generally recognised as crucial to Australia's economic well-being. The importance of international trade law as a subject of legal study is attested to by the ever increasing number of courses offered on it at the postgraduate level in Australian Law Schools.

LWS101 Ethics Law and Health Care

Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 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.

LWS147 Patent Law and Commercialisation

Pre-requisites	IFP112
Credit Points	12
Campus	null

-

MAB101 Statistical Data Analysis 1

Anti-requisites	BSB123, EFB101, MAB141, MAN101, MAB233
Credit Points	12
Campus	null

The aim of this unit is to provide you with an essential grounding in statistical reasoning, and in basic methods for the analysis of data and interpretation of variation in all areas of modern science, social science, technology, industry and associated fields. The unit also provides you with key statistical knowledge to apply in many advanced units and projects which involve data and influences of random variation. Fundamental quantitative methods which inform and support statistical knowledge are also provided

MAB105 Preparatory Mathematics

Credit Points	12
Campus	null

This unit is intended to cater for the needs of students whose background in mathematics is either weak or does not reach the equivalent of Senior Mathematics B. It is intended to provide the concepts and skills needed for successful study of those units within the university which assume a background equivalent to Senior Mathematics B. This unit is incompatible with a grade of High Achievement in Senior Mathematics B. The aim of this unit is to develop your mathematical skills in and understanding of algebra, functions and graphing, differential and integral calculus of one variable and to interpret and solve simple, real world problems using these skills.

MAB120 Foundations of Calculus and Algebra

Anti-requisites	MAN120
Equivalents	MAB100, MAB125, MAB180
Credit Points	12

Campus	null

This unit introduces you to the fundamental mathematical ideas of functions, calculus, vectors and matrices, through the use of contextualized problems. In solving these problems you will develop both an understanding of the mathematical concepts and competency in appropriate solution methods.

MAB121 Single Variable Calculus and Differential Equations

Anti-requisites	MAN121
Equivalents	MAB111, MAB126, MAB131, MAB182
Credit Points	12
Campus	null

Building upon the foundations established in MAB120 or Senior Maths C, this unit addresses the significant role of mathematical modelling using differential equations for the description and resolution of simple and complex problems relevant to real world situations. The formulation and solution of such problems is supported by appropriate advanced mathematical concepts used for function approximation, differentiation and integration. Undertaking this unit will allow you to develop your problem solving skills, especially in the context of advanced mathematical techniques applied to ordinary differential equations used to model real world problems. You will also gain a deeper understanding of the concepts of the derivative and the integral, and how these may be used in applied contexts.

MAB122 Linear Algebra and Multivariable Calculus

Equivalents	MAB112, MAB127, MAB132
Credit Points	12
Campus	null

Building upon the foundations established in MAB120 or Senior Maths C, this unit addresses the significant role of mathematical modelling using vectors, matrices and multivariable calculus for the description and resolution of simple and complex problems relevant in the real world. The formulation and solution of such problems is supported by appropriate advanced mathematical concepts used for function approximation, differentiation and integration. Undertaking this unit will allow you to develop your problem solving skills, especially in the context of mathematical techniques related to vectors, matrices and multivariable functions used to model real world problems.

MAB125 Foundations of Engineering Mathematics

Anti-requisites	MAN120
Equivalents	MAB100, MAB120, MAB180
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

This unit introduces you to the fundamental mathematical ideas of function, calculus, vectors and matrices, through the use of contextualised engineering related problems. In solving these problems you will develop both an understanding of the mathematical concepts and competency in appropriate solution methods.

MAB126 Mathematics for Engineering 1

Anti-requisites	MAN121
Equivalents	MAB111, MAB121, MAB131, MAB182
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

Building upon the foundations established in MAB125 or Senior Maths C, this unit addresses the significant role of mathematical modelling using differential equations for the description and resolution of simple and complex problems relevant to the discipline of engineering. The formulation and solution of such problems is supported by appropriate advanced mathematical concepts used for function approximation, differentiation and integration. The unit is located in first year for application in core engineering units throughout the rest of the course. Undertaking this unit will allow you to develop your problem solving skills, especially in the context of mathematical techniques applied to ordinary differential equations used to model engineering relevant problems.

MAB127 Mathematics for Engineering 2

Equivalents	MAB112, MAB122, MAB132
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

Building upon the foundations established in MAB125 or Senior Maths C, this unit addresses the significant role of mathematical modelling using vectors, matrices and multivariable calculus for the description and resolution of simple and complex problems relevant to the discipline of engineering. The formulation and solution of such problems is supported by appropriate advanced mathematical concepts used for function approximation, differentiation and integration. You will complete this unit in first year or first semester of second year depending on your initial maths background. Undertaking this unit will allow you to develop your problem solving skills, especially in the context of mathematical techniques related multivariable functions, vectors and matrices used to model engineering relevant problems.

MAB141 Mathematics and Statistics for Medical Science

Anti-requisites	MAN101, MAB101
Equivalents	MAB140
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

MAB210 Probability and Stochastic Modelling 1

Pre-requisites	MAB121 or MAB122. MAB121 or MAB122 can be studied in the same teaching period as MAB210
Anti-requisites	MAN210
Credit Points	12
Campus	null

This unit is intended for all mathematics degree students, all double degree students with mathematics, secondary education students with mathematics as a teaching area, and quantitatively-oriented students in other courses, particularly in Science, Information Technology, Engineering and areas of Business. The unit will provide you with fundamental skills and operational knowledge for all further study in statistics, and highly relevant foundations for other areas of mathematics such as mathematical modelling and operations research. The unit will also help you develop fundamental problem-solving skills in statistics and mathematics.

MAB220 Computational Mathematics 1

Anti-requisites	MAN220
Credit Points	12
Campus	null

Many real world problems are not solvable analytically, meaning that it is necessary to develop computational methods that can be used to solve these problems. Additionally, to be able to apply these methods to large problems, they must be implemented as algorithms in a computer language such as MATLAB. This unit addresses both the theoretical development of computational methods and their implementation in MATLAB. The aim of this unit is to provide you with the introductory concepts, computational techniques and programming skills that will allow you to solve many real world problems. It is also designed to prepare you for study in the advanced units in computational mathematics.

MAB233 Engineering Mathematics 3

Pre-requisites	MAB131 or MAB182 or MAB121 or MAB126 or MAB127 or MZB126
Anti-requisites	BSB123, MAN101
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

This unit will provide you with the foundation knowledge and skills to carry out a statistical data investigation including defining the problem, planning the investigation, collecting and analysing data, and reporting conclusions in context. It will also provide you with foundation knowledge and concepts of probability, random variables and distributions for further learning in engineering.

MAB281 Mathematics for Computer Graphics

Credit Points	12
Campus	null

Computer graphics is a rapidly growing field of the computer science industry. It has applications in computer games, virtual reality, CAD systems and geometric modelling. Fundamental to all of these applications is mathematics. Thus, to be a working professional in this area you will need a working knowledge of the basic mathematics and concepts that are central to this field. This unit is also ideal for non-specialists as it demonstrates some of the various fields of applications of mathematics in everyday life. The aim of this unit is to introduce you to the mathematics of computer graphics and relate

this to the solutions of problems that arise in the many applications of computer graphics.

MAB311 Advanced Calculus

Pre-requisites	(MAB111 or MAB121) and (MAB112 or MAB122)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit includes the following: polar coordinates; parametric equations; conic sections; quadric surfaces; vector-valued functions; Fourier series; functions of several variables; graphs; partial derivatives; total derivatives; extrema; Lagrange multipliers; Taylor series for multivariable functions; double and triple integrals; Green's theorems; line and surface integrals; divergence theorem; Stoke's theorem; applications.

MAB312 Linear Algebra

Pre-requisites	(MAB111 or MAB121) and (MAB112 or MAB122)
Anti-requisites	MAN312
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 basic 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.

MAB313 Mathematics of Finance

Pre-requisites	MAB111 or MAB121 (which can be concurrently enrolled)
Anti-requisites	MAN313
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Finance provides one of the significant areas for the application of mathematics. Understanding the fundamental principles involved will enhance your general preparation for life and provide an essential tool for those of you who intend to pursue further studies or careers in the financial area. The aim of this unit is to provide you with an introduction to the methods used in obtaining relevant solutions to financial and business problems.

MAB314 Probability and Stochastic Modelling 2

Pre-requisites	MAB122 and MAB210
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit includes: models for stochastic processes and statistical methods, which have applications in engineering, information technology, finance, and physical and life sciences. Markov chains; random walks; branching processes; queueing processes; long-term behaviour of processes; use of generating functions; bivariate and conditional distributions; transformations of random variables; beta and gamma distributions; mixture distributions; order statistics, minimum and maximum.

MAB315 Operations Research 2

Pre-requisites	MAB210 and (MAB112 or MAB122)
Anti-requisites	MAN315
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit introduces the essential features of operations research methods. It develops a number of basic mathematical techniques to solve generic problems and the theoretical foundations of these techniques. Students should develop the ability to apply various operations research methods, algorithms and techniques in the solution of practical problems. Students will also look at the applications of operations research techniques to real-world problems.

MAB413 Differential Equations

Pre-requisites	MAB311 or MAB312
Anti-requisites	MAN413
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Differential Equations are among the most important aspects of the theoretical developments of any branch of science. It is often the case that the formulation of mathematical models of real world problems leads to an equation in which a function and its derivatives play a major role. Such equations are examples of differential equations. This unit builds on studies of differential equations in first year and provides a framework for studying partial differential equations and other aspects of applied mathematics in later semesters.

MAB414 Applied Statistics 1

Pre-requisites	MAB101 or MAB210
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit includes: Simple linear regression (revision), multiple linear regression, making inferences from regressions, choosing a model, checking model assumptions, general linear models - analysis of covariance, ANOVA revisited, designing experiments, issues in designing experiments, analysing experimental results, further experimental designs, assumptions, and how to cope if they aren't met, simulations.

MAB420 Computational Mathematics 2

Pre-requisites	MAB220 and MAB312
Anti-requisites	MAN420
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit provides you with the opportunity to employ a number of the skills that you have developed in the disciplines of computational mathematics and linear algebra, combining them in a coherent manner for resolving topical and relevant real world problems. You will become familiar with the methodologies for developing numerical algorithms that can be employed for either the direct solution or the iterative solution of large, sparse linear systems.

MAB422 Mathematical Modelling

Pre-requisites	MAB121
Anti-requisites	MAN422
Credit Points	12
Campus	null

In this unit you will develop skills in the formulation and interpretation of mathematical models of 'real-world' problems drawn from the literature, the media and the lecturer's own research areas. You will also develop and extend your skills in the use of mathematical software to investigate solutions of some of these models. By emphasising the need to write clear mathematical arguments and to explain in logical and clear English the conclusions drawn from the mathematical models developed in the unit, you will also develop your written communication skills.

MAB461 Discrete Mathematics

Pre-requisites	MAB112 or MAB122
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Discrete mathematics is playing an ever increasingly important role in society. We live in an electronic age where information security is of paramount importance, and it is discrete mathematics in the main that provides this security. In addition, many real world systems are discrete in nature and therefore lend themselves to a discrete analysis. These methods are therefore vital to the professional mathematician and useful to those with an interest in mathematics. This second level unit will provide you with an introduction to discrete and combinatorial mathematics, and give you a mathematical perspective that is different from the traditional coverage in other mathematics units. It will also provide you with valuable methods to apply in other areas of science and computer science.

MAB480 Modelling and Simulation Science

Pre-requisites	MAB220
Anti-requisites	INB360
Credit Points	12
Campus	null

This unit teaches students how to implement a mathematical algorithm in a modern scientific computing environment (eg Matlab). A case-study approach is used with an emphasis on writing efficient code. Also an overview of other software packages used in mathematics will be given.

MAB521 Applied Mathematics 3

Pre-requisites	MAB311
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit includes: partial differential equations such

as the wave, heat and Laplace equations; special functions(gamma, delta, Bessel and error functions, Legendre polynomials); vector analysis and applications (vector algebra, vector calculus, fields, grad, div, curl, line and surface integrals, divergence theorem, Stoke's theorem, applications); functions of a complex variable (analytic functions, contour integrals, Laurent series, residues).

MAB522 Computational Mathematics 3

Pre-requisites	MAB311 and MAB420
Anti-requisites	MAN522
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit provides you with the opportunity to employ a number of the skills that you have developed in the discipline of computational mathematics, combining them in a coherent manner for solving topical and relevant real world problems. You will become familiar with the methodologies for developing numerical algorithms that can be employed for problems that would otherwise be unsolvable, and with the skills of communicating the results of your numerical studies to a diverse audience.

MAB524 Statistical Inference

Pre-requisites	MAB314
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit includes: maximum likelihood estimation, confidence intervals and hypothesis tests, introduction to Bayesian inference, prior and posterior distributions, Bayesian inference for binomial data, Poisson count data and normal data, simulation techniques for sampling from distributions. Use of software Matlab and R.

MAB525 Operations Research 3A

Pre-requisites	MAB315
Anti-requisites	MAN525
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Operations research techniques are used in most industries which are concerned with the application of scientific methods in decision making, especially the allocation of resources. There is thus a need to graduate students who can make decisions on the most appropriate technology to solve a particular problem and implement it. This unit will build on the foundations of MAB315/MAN315 by developing and manipulating mathematical and computer models of complex systems composed of people, machines, money and their operating procedures.

MAB533 Statistical Techniques

Pre-requisites	MAB210 and MAB414
Anti-requisites	MAB523
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This third year unit aims to provide you with sufficient knowledge and understanding of advanced statistical methods to enable the application in a range of real-world situations in diverse workplaces and disciplines.

MAB536 Time Series Analysis 1

Pre-requisites	MAB314 and MAB414
Anti-requisites	MAN536, MAB526
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Data in business, economics, engineering and the natural sciences often occur in the form of time series. Time Series Analysis provides models and methods for the analysis of such series of correlated observations. The ability to forecast optimally, to understand causal relationships between variables, and to analyse dynamic systems is of great practical importance. For example, optimal sales forecasts are needed for business planning, transfer function models are needed for improving the design and control of a process plant, and vector time series models are used to represent the relationships and interactions of macroeconomic variables in an economy. This unit is concerned with the building of time series models and the use of such models for practical applications such as optimal forecasting, simulation, causality analysis, and analysis of dynamic systems.

MAB613 Partial Differential Equations

Pre-requisites	MAB311 and MAB413
Anti-requisites	MAN613
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Partial differential equations are the classical foundation of mathematical models used to unambiguously describe processes exhibiting spatial and temporal variation. There exist numerous modern important examples of such so called continuum models and so it is essential that any practising mathematician be conversant with both the background, formulation and solution of such equations. This unit aims to develop your understanding of the construction, analysis, solution and interpretation of partial differential equation models of real-world processes.

MAB623 Financial Mathematics

Pre-requisites	MAB313 and MAB311
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit includes the following: quantitative techniques in business, economics and finance; theory and structure of interest rates; general accumulation and discounting functions; force of interest; discounting including Modern Portfolio theory and extension; varying interest; general annuities; varying annuities; continuous varying annuities; mathematical analysis of financial transactions in money and capital markets; life annuities and life assurances; the life table; basic life table functions; life annuities and assurances; policy values; paid up policy values; changes to policies; use of life table; superannuation.

MAB624 Applied Statistics 2

Pre-requisites	MAB414
Anti-requisites	MAN624
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Applied statistics provides methods for investigating relationships between variables that arise in data from a variety of areas including science, technology and commerce. The planning of the collection of the data, using ideas of experimental design, and the analysis of the resulting data, using methods based on statistical inference, are fundamental aspects of the statistical process. In addition, communication of results with clear reporting of the conclusions of the analysis is very important. These activities are an important part of decision making processes whatever the context of the application. This unit aims to build on the introductory experimental design and statistical analysis methods presented to you in Applied Statistics 2 in order to introduce modern statistical methods. Additionally, the use of statistical software to carry out analyses and the reporting of conclusions are emphasised.

MAB625 Operations Research 3B

Pre-requisites	MAB315
Equivalents	MAN625
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Operations research techniques are used in most industries that are concerned with the application of scientific methods in decision making, especially the allocation of resources. There is thus a need for graduate students who can make decisions on the most appropriate technology to solve a particular problem and implement it. This unit will build on the foundation of previous Operations Research units to develop knowledge and skills in using advanced techniques, tools and methods.

MAB672 Advanced Mathematical Modelling

Pre-requisites	MAB422
Anti-requisites	MAN672
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to develop concepts, skills and an understanding of Mathematical Modelling by providing examples and outlining the steps required in the development, analysis and interpretation of a model using 'real-world' problems and associated mathematical software to solve these problems.

MAB687 Research Project

Other requisites	Unit coordinator approval is required to enrol and a minimum GPA of 5.5 in the Bachelor of Mathematics
Credit Points	12
Campus	Gardens Point

Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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.

MAB687 Research Project

Pre-requisites	MAB987-1. MAB987-1 can be studied in the same teaching period as MAB687-2
Other requisites	Unit coordinator approval is required to enrol and a minimum GPA of 5.5 in the Bachelor of Mathematics
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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.

MAB730 Surveying Mathematics 2

Pre-requisites	MAB100 or MAB120 or MAB125
Anti-requisites	MAB220
Credit Points	12
Campus	null

Surveying and mapping involve the collection, processing, analysis and presentation of data about the earth's features. Typically, the processing and analysis of this data is performed using computer technology. Thus, knowledge of analytical mathematics and the mathematical algorithms behind a range of computational processes is essential for the surveying professional. The aim of this unit is to extend your knowledge of analytical mathematics and to introduce you to the mathematical algorithms behind a range of computational processes and the basic programming skills needed to enable you to implement these algorithms.

MAN101 Statistical Data Analysis 1

Anti-requisites	MAB101, MAB141, BSB123, EFB101, MAB233
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SUM (INT)

The aim of this unit is to provide you with an essential grounding in statistical reasoning, and in basic methods for the analysis of data and interpretation of variation in all areas of modern science, social science, technology, industry and associated fields. The unit also provides you with key statistical knowledge to apply in many advanced units and projects which involve data and influences of random variation. Fundamental quantitative methods which inform and support statistical knowledge are also provided.

MAN105 Preparatory Mathematics

Anti-requisites	MAB105
Credit Points	12
Campus	null

This unit is intended to cater for the needs of students whose background in mathematics is either weak or does not reach the equivalent of Senior Mathematics B. It is intended to provide the concepts and skills needed for successful study of those units within the university which assume a background equivalent to Senior Mathematics B. This unit is incompatible with a grade of High Achievement in Senior Mathematics B. To develop your mathematical skills in and understanding of algebra, functions and graphing, differential and integral calculus of one variable and to interpret and solve simple, real world problems using these skills.

MAN120 Foundations of Calculus and Algebra

Anti-requisites	MAB100, MAB120, MAB180, MAB125
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

This unit introduces you to the fundamental mathematical ideas of functions, calculus, vectors and matrices, through the use of contextualized problems. In solving these problems you will develop both an understanding of the mathematical concepts and competency in appropriate solution methods.

MAN121 Single Variable Calculus and Differential Equations

Anti-requisites	MAB121, MAB111, MAB126, MAB131, MAB182
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

Building upon the foundations established in MAN120 or Senior Maths C, this unit addresses the significant role of mathematical modelling using differential equations for the description and resolution of simple and complex problems relevant to real world situations. The formulation and solution of such problems is supported by appropriate advanced mathematical concepts used for function approximation, differentiation and integration. Undertaking this unit will allow you to develop your problem solving skills, especially in the context of advanced mathematical techniques applied to ordinary differential equations used to model real world problems. You will also gain a deeper understanding of the concepts of the derivative and the integral, and how these may be used in applied contexts.

MAN122 Linear Algebra and Multivariable Calculus

Anti-requisites	MAB112, MAB122, MAB127, MAB132
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

Building upon the foundations established in MAN120 or Senior Maths C, this unit addresses the significant role of mathematical modelling using vectors, matrices and multivariable calculus for the description and resolution of simple and complex problems relevant in the real world. The formulation and solution of such problems is supported by appropriate advanced mathematical concepts used for function approximation, differentiation and integration. Undertaking this unit will allow you to develop your problem solving skills, especially in the context of mathematical techniques related to vectors, matrices and multivariable functions used to model real world problems.

MAN200 Advanced Topics in Mathematical Sciences 1

Other requisites	Unit coordinator approval is required to enrol
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

This unit, which is available to students majoring in Mathematics in the SC60 Bachelor of Applied Science Honours course and the postgraduate MA65, MA75 and MA85 courses, aims to provide a framework for you to undertake advanced level coursework in a specialised topic in the mathematical sciences. You will gain expertise in problem formulation, problem solving, critical thinking, and written and oral communication in an advanced mathematical context.

MAN201 Advanced Topics in Mathematical Sciences 2

Other requisites	Unit coordinator approval is required to enrol
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

This unit, which is available to students majoring in Mathematics in the SC60 Bachelor of Applied Science Honours course and the postgraduate MA65, MA75 and MA85 courses, aims to provide a framework for you to undertake advanced level coursework in a specialised topic in the mathematical sciences. You will gain expertise in problem formulation, problem solving, critical thinking, and written and oral communication in an advanced mathematical context.

MAN210 Probability and Stochastic Modelling 1

Pre-requisites	MAB121 or MAB122
Anti-requisites	MAB210
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit is intended for all mathematics degree students, all double degree students with mathematics, secondary education students with mathematics as a teaching area, and quantitatively-oriented students in other courses, particularly in Science, Information Technology, Engineering and areas of Business. The unit will provide you with fundamental skills and operational knowledge for all further study in statistics, and highly relevant foundations for other areas of mathematics such as mathematical modelling and operations research. The unit will also help you develop fundamental problem-solving skills in statistics and mathematics.

MAN220 Computational Mathematics 1

Anti-requisites	MAB220
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Many real world problems are not solvable analytically, meaning that it is necessary to develop computational methods that can be used to solve these problems. Additionally, to be able to apply these methods to large problems, they must be implemented as algorithms in a computer language such as MATLAB. This unit addresses both the theoretical development of computational methods and their implementation in MATLAB. The aim of this unit is to provide you with the introductory concepts, computational techniques and programming skills that will allow you to solve many real world problems. It is also designed to prepare you for study in further units in computational mathematics.

MAN281 Mathematics for Computer Graphics

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Computer graphics is a rapidly growing field of the computer science industry. It has applications in computer games, virtual reality, CAD systems and geometric modelling. Fundamental to all of these applications is mathematics. Thus, to be a working professional in this area you will need a working knowledge of the basic mathematics and concepts that are central to this field. This unit is also ideal for non-specialists as it demonstrates some of the various fields of applications of mathematics in everyday life. The aim of this unit is to introduce you to the mathematics of computer graphics and relate this to the solutions of problems that arise in the many applications of computer graphics.

MAN311 Advanced Calculus

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit includes the following: polar coordinates; parametric equations; conic sections; quadric surfaces; vector-valued functions; Fourier series; functions of several variables; graphs; partial derivatives; total derivatives; extrema; Lagrange multipliers; Taylor series for multivariable functions; double and triple integrals; Green's theorems; line and surface integrals; divergence theorem; Stoke's theorem; applications.

MAN312 Linear Algebra

Pre-requisites	(MAN121 or MAB111 or MAB121) and (MAN122 or MAB112 or MAB122)
Anti-requisites	MAB312
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The main aim of this postgraduate unit is to develop the basic 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.

MAN313 Mathematics of Finance

Pre-requisites	MAB111 or MAB121 or MAN121 (which can be concurrently enrolled)
Anti-requisites	MAB313
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Finance provides one of the significant areas for the application of mathematics. Understanding the fundamental principles involved will enhance your general preparation for life and provide an essential tool for those of you who intend to pursue further studies or careers in the financial area. The aim of this postgraduate unit is to provide you with an introduction to the methods used in obtaining relevant solutions to financial and business problems.

MAN314 Probability and Stochastic Modelling 2

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit includes: models for stochastic processes and statistical methods, which have applications in engineering, information technology, finance, and physical and life sciences. Markov chains; random walks; branching processes; queueing processes; long-term behaviour of processes; use of generating functions; bivariate and conditional distributions; transformations of random variables; beta and gamma distributions; mixture distributions; order statistics, minimum and maximum.

MAN315 Operations Research 2

Pre-requisites	MAB210 and (MAB112 or MAB122)
Anti-requisites	MAB315
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit introduces the essential features of operations research methods. It develops a number of basic mathematical techniques to solve generic problems and the theoretical foundations of these techniques. Students should develop the ability to apply various operations research methods, algorithms and techniques in the solution of practical problems. Students will also look at the applications of operations research techniques to real-world problems.

MAN413 Differential Equations

Pre-requisites	MAB311 or MAB312 or MAN311 or MAN312
Anti-requisites	MAB413
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Differential Equations are among the most important aspects of the theoretical developments of any branch of science. It is often the case that the formulation of mathematical models of real world problems leads to an equation in which a function and its derivatives play a major role. Such equations are examples of differential equations. This unit builds on prior studies of differential equations and provides a framework for studying partial differential equations and other aspects of applied mathematics in later semesters. This unit aims to provide you with a basis for understanding differential equations, their solutions and solution strategies. The mathematical theory of differential equations, skills in the application of this theory, and the relevance of the material in this unit to problem solving and interpretation will all be developed.

MAN414 Applied Statistics 1

Pre-requisites	MAN101
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit includes: Simple linear regression (revision), multiple linear regression, making inferences from regressions, choosing a model, checking model assumptions, general linear models - analysis of covariance, ANOVA revisited, designing experiments, issues in designing experiments, analysing experimental results, further experimental designs, assumptions, and how to cope if they aren't met, simulations.

MAN420 Computational Mathematics 2

Pre-requisites	(MAN220 or MAB220) and (MAN312 or MAB312)
Anti-requisites	MAB420
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit provides you with the opportunity to employ a number of the skills that you have developed in the disciplines of computational mathematics and linear algebra, combining them in a coherent manner for resolving topical and relevant real world problems. You will become familiar with the methodologies for developing numerical algorithms that can be employed for either the direct solution or the iterative solution of large, sparse linear systems.

MAN422 Mathematical Modelling

Pre-requisites	MAN121
Anti-requisites	MAB422
Credit Points	12
Campus	null

In this unit you will develop skills in the formulation and interpretation of mathematical models of 'real-world' problems drawn from the literature, the media and the lecturer's own research areas. You will also develop and extend your skills in the use of mathematical software to investigate solutions of some of these models. By emphasising the need to write clear mathematical arguments and to explain in logical and clear English the conclusions drawn from the mathematical models developed in the unit, you will also develop your written communication skills.

Units

MAN461 Discrete Mathematics

Pre-requisites	MAN122 or MAB112 or MAB122
Anti-requisites	MAB461, MAB621
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Discrete mathematics is playing an ever increasingly important role in society. We live in an electronic age where information security is of paramount importance, and it is discrete mathematics in the main that provides this security. In addition, many real world systems are discrete in nature and therefore lend themselves to a discrete analysis. These methods are therefore vital to the professional mathematician and useful to those with an interest in mathematics. This unit will provide you with an introduction to discrete and combinatorial mathematics, and give you a mathematical perspective that is different from the traditional coverage in other mathematics units. It will also provide you with valuable methods to apply in other areas of science and computer science.

MAN480 Modelling and Simulation Science

Pre-requisites	MAN220
Anti-requisites	INN360
Credit Points	12
Campus	null

This unit teaches students how to implement a mathematical algorithm in a modern scientific computing environment (eg Matlab). A case-study approach is used with an emphasis on writing efficient code. Also an overview of other software packages used in mathematics will be given.

MAN521 Applied Mathematics 3

Pre-requisites	MAN311 or MAB311
Anti-requisites	MAB521
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Topics selected from: partial differential equations such as the wave, heat and Laplace equations; special functions(gamma, delta, Bessel and error functions, Legendre polynomials); vector analysis and applications (vector algebra, vector calculus, fields, grad, div, curl, line and surface integrals, divergence theorem, Stoke's theorem, applications); functions of a complex variable (analytic functions, contour integrals, Laurent series, residues).

MAN522 Computational Mathematics 3

Pre-requisites	(MAN311 or MAB311) and (MAN420 or MAB420)
Anti-requisites	MAB522
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit provides you with the opportunity to employ a number of the skills that you have developed in the discipline of computational mathematics, combining them in a coherent manner for solving topical and relevant real world problems. You will become familiar with the methodologies for developing numerical algorithms that can be employed for problems that would otherwise be unsolvable, and with the skills of communicating the results of your numerical studies to a diverse audience.

MAN524 Statistical Inference

Pre-requisites	MAN314 or MAB314
Anti-requisites	MAB524
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit includes: maximum likelihood estimation, confidence intervals and hypothesis tests, introduction to Bayesian inference, prior and posterior distributions, Bayesian inference for binomial data, Poisson count data and normal data, simulation techniques for sampling from distributions. Use of software Matlab and R. Assumed knowledge: exposure to introductory ideas of statistical inference, including parameter estimation, confidence intervals and hypothesis testing, such as provided by a first course in statistics or data analysis.

MAN525 Operations Research 3A

Pre-requisites	MAB315 or MAN315
Anti-requisites	MAB525
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Operations research techniques are used in most industries which are concerned with the application of scientific methods in decision making, especially the allocation of resources. There is thus a need to graduate students who can make decisions on the most appropriate technology to solve a particular problem and implement it. This unit will build on the foundations of MAB315/MAN315 by developing and manipulating mathematical and computer models of complex systems composed of people, machines, money and their operating procedures.

MAN533 Statistical Techniques

Pre-requisites	MAN210 and MAN414
Anti-requisites	MAB533
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This year unit aims to provide you with sufficient knowledge and understanding of advanced statistical methods to enable the application in a range of real-world situations in diverse workplaces and disciplines.

MAN536 Time Series Analysis 1

Pre-requisites	MAB314 and MAB414
Anti-requisites	MAB536, MAN526
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Data in business, economics, engineering and the natural sciences often occur in the form of time series. Time Series Analysis provides models and methods for the analysis of such series of correlated observations. The ability to forecast optimally, to understand causal relationships between variables, and to analyse dynamic systems is of great practical importance. For example, optimal sales forecasts are needed for business planning, transfer function models are needed for improving the design and control of a process plant, and vector time series models are used to represent the relationships and interactions of macroeconomic variables in any economy.

MAN613 Partial Differential Equations

Pre-requisites	(MAN311 or MAB311) and (MAN413 or MAB413)
Anti-requisites	MAB613
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Partial differential equations are the classical foundation of mathematical models used to unambiguously describe processes exhibiting spatial and temporal variation. There exist numerous modern important examples of such so called continuum models and so it is essential that any practicing mathematician be conversant with both the background, formulation and solution of such equations. This unit aims to develop your understanding of the construction, analysis, solution and interpretation of partial differentil equation models of real-world processes.

MAN623 Financial Mathematics

Pre-requisites	(MAN313 or MAB313) and (MAN311 or MAB311)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit includes the following: quantitative techniques in business, economics and finance; theory and structure of interest rates; general accumulation and discounting functions; force of interest; discounting including Modern Portfolio theory and extension; varying interest; general annuities; varying annuities; continuous varying annuities; mathematical analysis of financial transactions in money and capital markets; life annuities and life assurances; the life table; basic life table functions; life annuities and assurances; policy values; paid up policy values; changes to policies; use of life table; superannuation.

MAN624 Applied Statistics 2

Pre-requisites	MAB414 or MAN414
Anti-requisites	MAB624
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Applied statistics provides methods for investigating relationships between variables that arise in data from a variety of areas including science, technology and commerce. The planning of the collection of the data, using ideas of experimental design, and the analysis of the resulting data, using methods based on statistical inference, are fundamental aspects of the statistical process. In addition, communication of results with clear reporting of the conclusions of the analysis is very important. These activities are an important part of decision making processes whatever the context of the application. This unit is concerned with building on the experimental design and

statistical analysis methods presented in undergraduate units in order to advance your knowledge of modern statistical methods. Additionally, the use of statistical software to carry out analyses and the reporting of conclusions are emphasised.

MAN625 Operations Research 3B

Pre-requisites	MAN315
Equivalents	MAB625
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Operations research techniques are used in most industries that are concerned with the application of scientific methods in decision making, especially the allocation of resources. There is thus a need for graduate students who can make decisions on the most appropriate technology to solve a particular problem and implement it. This unit will build on the foundation of previous Operations Research units to develop knowledge and skills in using advanced techniques, tools and methods.

MAN672 Advanced Mathematical Modelling

Pre-requisites	MAN422 or MAB422
Anti-requisites	MAB672
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to develop concepts, skills and an understanding of Mathematical Modelling by providing examples and outlining the steps required in the development, analysis and interpretation of a model using 'real-world' problems and associated mathematical software to solve these problems.

MAN700 Project

Other requisites	Unit coordinator approval is required to enrol
Credit Points	24
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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.

MAN761 Analysis

Pre-requisites	MAB311 and MAB312
Credit Points	12
Campus	null

This unit includes: convergence in R; uniform convergence; Lebesgue integral; convergence theorems; Lp-spaces; metric spaces; completeness and compactness; contraction mappings; normed and Banach spaces; dual spaces; linear operators; Hilbert spaces; Hilbert-adjoint operator; linear operator equations; spectrum of a linear operator.

MAN764 Applied Mathematical Modelling

Pre-requisites	MAB613 and MAB672
Credit Points	12
Campus	null

Through the investigation of case studies and the development and practice of techniques and skills related to the formulation of mathematical models and their numerical solution, this unit provides you with the opportunity to employ these skills you have developed in your studies in mathematics, combining them in a coherent manner for solving topical and relevant problems. You will become familiar with methodologies for developing mathematically based theoretical tools for the solution of problems that may well be outside your core discipline area and in communicating the results of your theoretical study to a diverse audience.

MAN765 Bayesian Data Analysis

Pre-requisites	MAB524 or MAN524
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This subject builds on the foundations of Bayesian analysis laid in MAB524 to extend modelling and computational approaches to real world problems. Skills in using statistical computing platforms for Bayesian analysis, model development and comparison, and extending computational approaches will be developed. You are encouraged to apply skills to data modelling tasks motivated by their work or research areas.

MAN766 Time Series Analysis 2

Pre-requisites	(MAN524 or MAB524) and (MAN536 or MAB536)
Credit Points	12
Campus	null

The overall aim of this unit is to strengthen your understanding and skills in Time Series Analysis with particular emphasis on the state-space representations of ARIMA models and nonlinear time series models and to use these models for practical applications such as optimal forecasting, simulation and analysis of dynamic systems.

MAN768 Advanced Techniques in Operations Research

Pre-requisites	(MAN525 or MAB525) and (MAN625 or MAB625)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of operations research is to gain an understanding of complex situations, and thereby suggest ways to predict system behaviour and improve system performance. This requires you to learn how to develop and manipulate mathematical and computer models of complex systems composed of people, machines and their operating constraints/procedures.

MAN771 Computational Mathematics 4

Pre-requisites	(MAB522 or MAN522) and (MAB613 or MAN613)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

-

MAN775 Statistical Modelling of Financial Processes

Pre-requisites	MAB524 and MAN536
Credit Points	12
Campus	null

Postgraduate students pursuing a career in finance will find that financial modelling is a major area of application of mathematics and statistics. In fact, its models and methods, which draw on recent developments in diverse areas of mathematical sciences such as stochastic analysis, partial differential equations and probability theory, provide needed tools for quantitative modelling and financial analysis. In fact, its fundamental principles enhance a general education for life. This unit is one of a suite of units in statistics and operations researchDecision Science, which will equip you with essential skills for pursuing a career in business and finance.

MAN777 Mathematics of Fluid Flow

Pre-requisites	MAN613 or MAB613
Credit Points	12
Campus	null

The mathematics of fluid flow involves solving ordinary and partial differential equations arising as simplifications of the Navier-Stokes equations. Approximation techniques for flows in thin layers are also considered as well as approximations of flows of low and high viscosity. Questions addressed include: why a spinning cricket ball swerves in the air; how much does a blockage in an artery or vein increase the pressure; and why is there no solution for flow past a cylinder for zero Reynolds number.

MAN778 Applications of Discrete Mathematics

Pre-requisites	MAN461 or MAB621
Credit Points	12
Campus	null

This unit has two main topics of study. One topic is an introduction to graph theory and its applications to a number of practical problems including minimum spanning trees and shortest paths. The other topic is error correcting codes, which will include an introduction to finite fields and their application to designing reliable communication systems.

MAN787 Project

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

Research in the Mathematical and Statistical Sciences has contributed significantly to a vast range of social and economic amenities. Such research can be intellectually challenging and rewarding and generally requires a range of 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 develop and/or refine some of these capabilities by undertaking a research project that is significant in the context of the social and economic outcomes alluded to above. Permission to enrol in this unit must be obtained from the Course Coordinator.

MAN787 Project

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

Research in the Mathematical and Statistical Sciences has contributed significantly to a vast range of social and economic amenities. Such research can be intellectually challenging and rewarding and generally requires a range of 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 develop and/or refine some of these capabilities by undertaking a research project that is significant in the context of the social and economic outcomes alluded to above. Permission to enrol in this unit must be obtained from the Course Coordinator.

MAN787 Project

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

Research in the Mathematical and Statistical Sciences has contributed significantly to a vast range of social and economic amenities. Such research can be intellectually challenging and rewarding and generally requires a range of 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 develop and/or refine some of these capabilities by undertaking a research project that is significant in the context of the social and economic outcomes alluded to above. Permission to enrol in this unit must be obtained from the Course Coordinator.

MGB200 Leading Organisations

Pre-requisites	BSB115 or CTB115
Anti-requisites	MGB211, CTB211, MGB222, CTB232
Equivalents	MGX200
Credit Points	12
Campus	Caboolture and Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

This unit introduces you to a range of perspectives in understanding human behaviour and its context within organisation structures. The unit also enables you to interpret, analyse, evaluate and explain conditions and consequences of work in organisations with a view to understanding and appreciating complex management issues in day to day experiences in business.

MGB201 Contemporary Employment Relations

Pre-requisites	BSB115 or CTB115
Equivalents	MGX201
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 or CTB115
Equivalents	CTB207, MGX207
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 or CTB115
Equivalents	CTB234, MGX210
Credit Points	12
Campus	Caboolture and Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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, CTB201
Equivalents	MGX220
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

MGB223 Entrepreneurship and Innovation

Pre-requisites	BSB115 or CTB115
Equivalents	CTB223, MGX223
Credit Points	12
Campus	Caboolture and Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit introduces students to the nature and characteristics of entrepreneurship and innovation and explores the inter-relationship between the two within contemporary economies from a managerial perspective. Learning will be directed towards developing the theoretical and applied knowledge, skills, and attitudes that will support and enhance innovation and enterprise creation activity, through the development of a business plan. The unit is designed for those individuals interested in creating a new venture or working in industries as employees of venture owners or those that serve this sector. Students will have opportunity to build a comprehensive plan of their business concept.

MGB225 Intercultural Communication and Negotiation Skills

Pre-requisites	BSB115, CTB115, BSB119 or BSB124
Anti-requisites	MGB312
Equivalents	IBB205, MGX225
Credit Points	12
Campus	Caboolture and Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 - from Hall to Schwartz. 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.

MGB305 HRM Strategy and Policy

Pre-requisites	MGB314
Credit Points	12

Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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; policy development and evaluation is examined; an experiential approach based in cases and/or simulations is adopted.

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.
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

This unit enables students to demonstrate an ability to direct their own learning, a key competence for professionals who must keep themselves up-to-date in their area of expertise. Either individually or in small groups, students undertake one or several learning activities with the approval of a supervisor. Appropriate activities include literature review, research (mini-thesis), project, practicum (work placement), or an alternative deemed acceptable by the supervisor.

MGB309 Strategic Management

Pre-requisites	MGB200, MGB211, CTB211, MGB222, or CTB232
Anti-requisites	MIB314
Equivalents	MGX309
Credit Points	12
Campus	Caboolture and Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

In this unit fundamental elements of strategy, which can be used in the decision making process, are placed in a framework that is developed within the particular context of Australia's economic development position. The emphasis is upon process and content issues that affect the strategic performance and 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 strategic advantages, students should enhance their professional competences to be able to take a more strategic and critical perspective.

MGB310 Sustainability in A Changing Environment

Pre-requisites	MGB200, MGB211, CTB211, MGB222, or CTB232
Anti-requisites	MGB334, CTB334, MGB212
Equivalents	MGX310
Credit Points	12
Campus	Caboolture and Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit provides participants with an opportunity to investigate selected and critical issues in the relationship between business activity and the imperative of creating sustainable futures. The unit draws on interdisciplinary sources to encourage the development of a systemic view that incorporates global, corporate, and personal levels of analysis. The unit prepares participants to make a significant contribution to the sustainable development of organisations and society. The unit will be of value to business and non-business students seeking careers in private, public, and not-for-profit sectors.

MGB314 Organisational Consulting and Change

Pre-requisites	MGB211, CTB211, MGB222, CTB232, or MGB200
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 to 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 or MGB221
Equivalents	MGX320
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Equivalents	MGB218, MGX324
Credit Points	12
Campus	Caboolture and Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit is designed to provide skills in the analysis, solutions and implementation of the general management issues that SME owners have to manage in their growing operations. The unit brings together the different functional aspects of managing an established SME 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 SME owners and their venture management issues.

MGB331 Learning and Development in Organisations

Pre-requisites	MGB211, CTB211, MGB222, CTB232, or MGB200
Equivalents	MGX331
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 Project Management

Pre-requisites	(MGB210 and MGB309) or (MGB210 and AMB303)
Anti-requisites	KXB202
Equivalents	MGX335
Credit Points	12
Campus	Caboolture and Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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, modelling, planning, 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

Other requisites	An application, interview and subsequent approval by the unit coordinator is required to enrol, in addition to the completion of a minimum of 192 credit points of study and a GPA of 4.0 or higher
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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, MGB207, or CTB207
Equivalents	MGB221, MGX339
Credit Points	12
Campus	Gardens Point

Teaching Periods	2014 SEM-1 (INT)

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, IBB205, IBB217, or IBB208
Anti-requisites	IBB317
Equivalents	MGX340
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 Operational Risk Management

Pre-requisites	MGB210 or MGB309
Anti-requisites	IBB306
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit aims to develop student competencies in analysing risk management issues in national and international contexts and build a strong appreciation of managing organisational uncertainty in the current global environment. It introduces conceptual and practical applications of risk management techniques used in private and public organisations by combining lectures with practical 'hands-on' workshops. The unit examines: conceptual bases of risk management; international, national and sub-national regulatory frameworks; corporate risk management in international firms; business continuity planning; security risk management; emergency response planning; managing crises in organisations; participatory 'desktop' simulations of crisis decision making.

MGB355 Managing Technology, Innovation and Commercialisation

Pre-requisites	MGB223 or LSP127
Anti-requisites	BSB311
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit focuses on managing technology, knowledge and innovation within organisations and how to build innovative capabilities. Students study strategies and approaches used in technology and knowledge intensive industries and government organisations for the research, development and commercialisation of innovations. The unit offers the opportunity to develop knowledge and skills to manage and commercialise technologies and innovations.

MGB370 Personal and Professional Development

Pre-requisites	MGB331 and BSB124
Equivalents	MGB315, MGX370
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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.

MGN431 Strategic Human Resource Development

Pre-requisites	MGN440
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

Units

MGN433 Managing High-Performance Organisations

Pre-requisites	MGN409
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Managing High-Performance Organisations is designed to provide a bridge between HRM-discipline specific and strategic/general management perspectives. The unit is therefore a centrepiece of the postgraduate HRM program. The unit serves the vitally important role of locating HRM in to its broader organisational and general management context. It also aims to develop advanced level business knowledge and skill and develop conceptual frameworks for integration and high level impact of HRM with business success and performance.

MGN440 HRM Theory and Practice

Anti-requisites	MGN427
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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 providing feedback for self-development.

MGN442 Self Leadership

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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

Anti-requisites	MIN403
Equivalents	IBN403, MGX444
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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

Anti-requisites	MIN404
Equivalents	IBN404, MGX445
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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

Anti-requisites	MIN435
Equivalents	IBN435, MGX446
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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 have influenced, or still impinge upon, doing business in Australia in the current international environment.

MGN447 Managing in a Globalised Economy

Anti-requisites	BSN408
Equivalents	IBN408, MGX447
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (EXT, INT)

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	IBN409, MGX448
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

Units

MGN506 Contemporary Issues in Human Resource Management

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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.

MGN534 Contemporary Issues in Entrepreneurship

Equivalents	GSN234
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The unit introduces the students to the field of entrepreneurship research and the problems, theories and methods that are prevalent in (empirical) research on entrepreneurship. Students learn to "know the field" including its historical development; its "infrastructure" of journals, conferences and research centres, and its contemporary research questions and approaches. The students will develop an ability to assess the strengths and weaknesses of the field and gain insights into where and how they can contribute to its research frontier.

MGX200 Leading Organisations (Outbound Exchange)

Equivalents	MGB200
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX201 Contemporary Employment Relations (Outbound Exchange)

Equivalents	MGB201
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX207 Human Resource Issues and Strategy (Outbound Exchange)

Equivalents	MGB207
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX210 Managing Operations (Outbound Exchange)

Equivalents	MGB210
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX220 Human Resource Decision Making (Outbound Exchange)

Equivalents	MGB220
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX223 Entrepreneurship and Innovation (Outbound Exchange)

Equivalents	MGB223
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX225 Intercultural Communication and Negotiation Skills (Outbound Exchange)

Equivalents	MGB225
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX309 Strategic Management (Outbound Exchange)

Equivalents	MGB309
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX310 Sustainability in a Changing Environment (Outbound Exchange)

Equivalents	MGB310
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX320 Recruitment and Selection (Outbound Exchange)

Equivalents	MGB320
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX324 Managing Business Growth (Outbound Exchange)

Equivalents	MGB324
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX331 Learning and Development in Organisations (Outbound Exchange)

Equivalents	MGB331
Credit Points	12
Campus	EXCHANGE and External

Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX335 Project Management (Outbound Exchange)

Pre-requisites	(MGB210 and MGB309) or (MGB210 and AMB303)
Anti-requisites	KXB202
Equivalents	MGB335
Credit Points	12
Campus	External
Teaching Periods	2014 XCH-2 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX339 Performance and Reward (Outbound Exchange)

Equivalents	MGB339
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX340 International Business in the Asia-Pacific (Outbound Exchange)

Equivalents	MGB340
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX341 Operational Risk Management (Outbound Exchange)

Pre-requisites	MGB309
Anti-requisites	IBB306
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

MGX370 Personal and Professional Development (Outbound Exchange)

Equivalents	MGB370
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX444 Business in Asia (Outbound Exchange)

Equivalents	MGN444
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

MGX445 Business in Europe (Outbound Exchange)

Equivalents	MGN445
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX446 Business in Australia (Outbound Exchange)

Equivalents	MGN446
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX447 Managing in a Globalised Economy (Outbound Exchange)

Equivalents	MGN447
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MGX448 Negotiating Across Borders (Outbound Exchange)

Equivalents	MGN448
Credit Points	12
Campus	EXCHANGE and External
Teaching Periods	2014 XCH-2 (EXT); 2014 XCH-1 (EXT)

This exchange unit is only available for selection to students on an approved exchange program.

MXB100 Introductory Calculus and Algebra

Equivalents	MAB100,MAB120,MAB125,MAB180
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

This unit develops your knowledge, skills and application of computational methods and techniques for solving real world problems using computers. The units focuses on both theoretical development of computational methods and their pratical implementation using the world-leading computational software MATLAB. The fundamental skills you aquire will be essential throughout your degree. More advanced study is this area is provided in the Applied and Computational Mathematics major.

MXB104 Symmetry, Chaos and Fractals

Pre-requisites	MXB103 or MAB220. MXB103 can be studied in the same teaching period as MXB104

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit introduces advanced topics to first year mathematics students. The emphasis is on discovering the beauty and wonder of mathematics without high level calculus. Discrete dynamical systems are used to illustrate key features of mathematical modelling and to unlock the mysteries of chaos and fractals. Complexity and pattern formation will be explored with the use of the mathematical programming language Matlab. Students may choose to study this unit as an "Option unit" in the Bachelor of Mathematics.

MXB105 Calculus of One and Two Variables

Equivalents	MAB111,MAB121,MAB126,MAB131,MAB182
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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

Equivalents	MAB112,MAB122,MAB127,MAB132
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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 Statistical Models for Data: Relationships and Effects

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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).

MXB261 Modelling and Simulation Science

Equivalents	INB360, MAB480
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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

Equivalents	MAB481
Credit Points	12
Campus	null

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 are developed further in a later semester (MXB362 Advanced Visualisation and Data Science).

MZB101 Modelling with Introductory Calculus

Equivalents	MAB105
Credit Points	12
Campus	Gardens Point and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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.

MZB151 Mathematical Tools for Computing

Anti-requisites	MXB100, MZB101
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

MZB190 Mathematics for Exercise Science

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit is intended to cater for the quantitative skills and mathematics needs of students undertaking studies in Exercise and Movement Science and in Clinical Exercise Physiology. It is intended to provide mathematical concepts and quantitative skills needed for successful study of those courses. The aim of this unit is to develop your mathematical skills in and understanding of algebra, functions and graphing, some data analysis and to interpret and solve simple, real world problems using these skills.

MZB191 Applied Introductory Mathematics

Credit Points	12
Campus	null

This unit is intended to cater for the needs of students whose background in mathematics is either weak or does not reach the equivalent of Senior Mathematics B. It is intended to provide the concepts and skills needed for successful study of those units within the university which assume a background equivalent to Senior Mathematics B. This unit is incompatible with a

grade of High Achievement in Senior Mathematics B or sound achievement in Senior Mathematics C or equivalent. Students should note that some courses, including the Bachelor of Mathematics, do not allow this unit to contribute to the degree.

NQB302 Earth Surface Systems

Equivalents	NRB301
Credit Points	12
Campus	null

Understanding long and short term climate and environmental change is now recognised as crucial to the interpretation of our biotic, geomorphic and cultural landscapes. To fully understand environment change it is important to recognise the interconnectedness between the atmosphere, hydrosphere, lithosphere, biosphere and humanity's place within these spheres over various temporal and spatial scales. Developing knowledge of past and present climate change and landscaping processes helps to predict future process pathways for natural resource management, civil engineering, risk analysis, and impact assessment in the context of both natural and anthropogenic induced change.

NQB311 Mineralogy

Equivalents	NRB333
Credit Points	12
Campus	null

Minerals are the building blocks of rocks which comprise the solid Earth. The study of minerals is essential for understanding the structure and composition of the earth and the detailed processes of the rock cycle. Mineralogy forms the basis for petrology (the study of the genesis of rocks) and geochemistry, and is thus essential for Geoscience. The unit may also be of interest to chemists.

NQB314 Sedimentary Geology

Equivalents	NRB331
Credit Points	12
Campus	null

This unit provides students with an introduction to sedimentology; both sediments and sedimentary rocks. The unit focuses on the link between the range of features preserved in sedimentary rocks and what those features tell us about sedimentary processes, depositional environments and the burial history of the rocks. The sedimentological processes and depositional environments observed in the modern world are discussed and used as a foundation for interpreting the evidence preserved in the ancient sedimentary rock record, in turn revealing much about earth processes in geologic history.

NQB321 Ecology

Pre-requisites	SCB110 or SCB112
Equivalents	NRB311
Credit Points	12
Campus	null

Ecology is the study of the factors that influence the distribution and abundance of organisms. Ecology deals with basic properties of individuals and the emergent properties of collections of individuals that form populations and the dynamics of these populations and their interactions with populations of other species. An understanding of basic ecological principles is central to managing species and ecosystems. This unit provides a broad theoretical background in the major concepts of plant and animal ecology. It serves the dual role of providing a thorough grounding in ecology for students from all faculties; and laying the conceptual foundation for later subjects in the ecology and environmental science.

NQB322 Invertebrate Biology

Equivalents	NRB370
Credit Points	12
Campus	null

Anyone pursuing a career as an ecologist, environmental biologist, or teacher needs to be familiar with invertebrates, including their diversity and how they function. Because approximately 90% of all invertebrates are arthropods, this unit focuses on this dominant phylum, which includes all the animals with jointed exoskeletons (the insects, prawns and crabs, spiders, millipedes and more). The aim is to provide you with an overview of arthropod diversity, structure and function, as a basis for exploring the role of arthropods in natural and human-modified systems.

NQB323 Plant Biology

Pre-requisites	SCB112
Equivalents	NRB371
Credit Points	12
Campus	null

This unit provides students with an introduction to fundamental evolutionary and ecological concepts in plant sciences. It aims to provide the basis for a conceptual framework and understanding of the diversity of plants with a particular emphasis on the Australian flora and the development of plant identification skills.

NQB403 Soils and the Environment

Pre-requisites	NQB302 or NRB301 or (ENB272 and ENB274)
Credit Points	12
Campus	null

This unit will provide you with grounding in soil science (pedology) by emphasising pedological principles, their application to environmental soil analysis and management, and knowledge of ecosystem function of soil in a changing environment. This one of the most critical resources to consider within the context of climate change and is an essential component of environmental scientific studies. It also compliments and provides a basis for further biogeoscientific studies in the SC01 degree. Your knowledge of past and present soil processes will help you to predict process pathways and outcomes for the purposes of environmental planning and management, risk analysis, and impact assessment involving soils. It also contributes to your understanding of field survey and interpretation of soil phenomena in ecological, geological and environmental contexts.

NQB411 Petrology of Igneous and Metamorphic Rocks

Pre-requisites	NQB311 or NRB333
Equivalents	NRB436
Credit Points	12
Campus	null

Igneous and metamorphic rocks compose the bulk of the Earth. Understanding what these rocks are and how they form is an essential part of the study of geology and is fundamental to a wide range of higher level units. This unit builds upon the knowledge and skills acquired in the prerequisite unit (NQB311 Mineralogy) by focusing on the description, classification and origins of igneous and metamorphic rocks. This unit aims to allow you to develop the theoretical and practical skills necessary to describe, classify and interpret igneous and metamorphic rocks.

NQB412 Structural Geology and Field Methods

Pre-requisites	NQB314 or NQB311
Equivalents	NRB434
Credit Points	12
Campus	null

Structural geology, the deformation of earth materials, is one of the main elements in the core curriculum in geology. It is also essential to other subdisciplines of geology, such as foundation engineering and petroleum and mineral exploration. Geologists need to be able to describe and map structures, to understand the mechanical principles of rock deformation, and to be able to manipulate and calculate structural data. This unit fosters the skill of critical three- and four-dimensional analysis that usually sets geoscientists apart from other scientists and technologists.

NQB413 Stratigraphy

Pre-requisites	NQB314 or NRB331
Equivalents	NRB437
Credit Points	12
Campus	null

Sedimentary rocks that cover most the Earth's surface are arranged into layers that record the history of the Earth's surface for large periods of geological time. The study of sedimentary rock layers (strata) is called stratigraphy. The types of sedimentary rocks that are preserved in particular strata are direct indications of the conditions that prevailed during their formation. The study of stratigraphy can help unravel the geological history of the area. Hence, stratigraphy is a fundamental part of the education of any geoscientist, and especially of those who wish to be involved in fossil fuel exploration and water resource management.

NQB421 Experimental Design

Pre-requisites	MAB101 or MAB104 or MAB105 , and NQB321 or NRB311
Equivalents	NRB412
Credit Points	12
Campus	null

This unit deals with the theory and practice of experimental design and the quantitative approaches used for the investigation of ecological and environmental questions discussed in the prerequisite unit Ecology and developed in subsequent units in the ecology and environmental science majors. The aims of this unit are to to provide an introduction to the logic of experimentation and experimental design; build a practical extension on the theoretical basis of statistics obtained in other units using experimental situations commonly met in ecology and environmental science; and apply methods used to quantify the ecological attributes of populations and communities in experimental field situations.

NQB422 Genetics and Evolution

Pre-requisites	SCB112
Equivalents	NRB410
Credit Points	12

Campus	null

A detailed understanding of the principles of genetics is required to fully comprehend modern developments in ecology and evolutionary theory. These principles will be taken forward to develop a clear understanding of the mechanisms and processes that drive evolution in natural populations. The unit provides the foundation for further studies in population and conservation biology. The aim of the unit is to provide a detailed understanding of the principles of genetics and their application to studies of evolution and ecology.

NQB423 Vertebrate Biology

Pre-requisites	SCB112
Equivalents	NRB470
Credit Points	12
Campus	null

This unit provides background and details on the diversity and evolution of vertebrates. It is therefore an important unit of study for any graduate wishing to pursue a career that requires an understanding of the earth's biological diversity. The unit compliments other advanced units dealing with animal and plant diversity, and the ecology of these groups. The aim of this unit is for you to gain a deeper understanding of the evolution of vertebrate groups, vertebrate taxonomy, physiology and behaviour.

NQB501 Environmental Modelling

Pre-requisites	NQB412 or NQB421
Equivalents	NRB500
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The capacity for management of complex environmental problems such as climate change, now and in the future, will rely on the capacity of environmental managers to create, interpret and critically analyse models of environmental systems. Mathematical model building promotes the capacity to understand the interdependent relationships that characterise environmental systems and also provides a quantitative foundation for informed environmental management.

NQB502 Field Methods in Natural Resource Sciences

Pre-requisites	(NQB302 and (NQB321 or NQB421)) or (NQB411 and NQB412)
Equivalents	NRB601
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Field experience is an essential part of the professional training of geologists, environmental scientists, ecologists, and natural resource specialists in general. The theory and practice of methods to interpret, measure, map, and monitor important natural resource features and characteristics are essential to the study of geological, ecological and environmental systems. Methods of survey, mapping and interpretation are necessary skills for resource assessment, geo-exploration, environmental impact assessment, land evaluation, baseline studies, and ecological investigations. There are varying emphases on these outcomes depending on the type of field survey you undertake in this unit.

NQB512 Economic Geology

Pre-requisites	NQB411, NQB413
Anti-requisites	NRB535
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The unit is divided up into two 6 week modules. The first module concentrates on the formation of coal deposits, the geology of Australian coal basins, formation and exploitation of coal seam gas and coal resource evaluation. The second module concentrates on the formation and preservation of economic mineral deposits.

NQB513 Geophysics

Pre-requisites	(NQB201 or NRB230) and (NQB412 or NRB434)
Equivalents	NRB534
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Geophysics is an integral branch of geology, providing many of the most useful methods of imaging the subsurface of the earth. These methodologies are useful in disciplines as diverse as plate tectonics, oil and mineral exploration, hydrogeology, environmental geology, engineering geology, and seismic hazards. The aim of the unit is to provide you with the core knowledge and skills of geophysical measurements, processing of data, and geological interpretation of geophysical data.

NQB521 Population Genetics and Molecular Ecology

Pre-requisites	NQB422
Anti-requisites	NRB510
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit is an extension of NQB422 Genetics and Evolution. Topics include the genetic structure of populations and processes of evolutionary change; natural selection, inbreeding and adaptation, species and speciation theory; ecological genetics; the genetics of behaviour.

NQB523 Population Management

Pre-requisites	NQB321, NQB421
Anti-requisites	NRB511
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit develops the theoretical treatment of populations as a unit of study and integrates the content of previous ecology units into approaches for the management of biological populations. The unit focuses on those interactions that are most relevant to pest control, but the unit is also of fundamental importance to harvesting and conservation biology.

NQB601 Sustainable Environmental Management

Equivalents	NRB600
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit provides background and details on global sustainable management issues and practices with a focus on Australia. It is therefore an important unit of study for any graduate wishing to pursue a career in environmental science who shares an abiding interest in the state and sustainable management of our planet. The unit compliments other advanced units dealing with environmental science and its practice. The aim of this unit is to gain deeper understanding of a variety of current issues in environmental management; their multi-disciplinary nature, the science behind them, and the ways of achieving sustainable environmental management in scientific and practicable ways.

NQB612 Basin Analysis and Petroleum Geology

Pre-requisites	(NQB413 or NRB437) and (NQB513 or NRB534). NQB513 can be studied in the same teaching period as NQB612
Equivalents	NRB636
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The aim of the unit is to provide you with a fundamental working knowledge of sedimentary strata at regional and basin-wide scales, so as to allow you to solve problems in the exploration and modern environmental management sectors. This unit fosters the skill of critical three- and four-dimensional analysis that usually sets geoscientists apart from other scientists and technologists, and develops an understanding of exploration and production aspects of the fossil fuel industries. Undertaking this unit, you will acquire: the conceptual and technical tools to enable you to rationally interpret the distribution of rock units in space and time with emphasis on predicting the occurrences of petroleum resources; an understanding of the genesis and setting of hydrocarbon resources; and an understanding of the techniques of exploration, evaluation and utilisation of petroleum.

NQB613 Plate Tectonics

Pre-requisites	(NQB412 or NRB434) and (NQB314 or NRB331) and (NQB411 or NRB436) and (NQB513 or NRB534). NQB513 can be studied in the same teaching period as NQB613
Equivalents	NRB635
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit considers geological observations in the context of a unifying theory. It examines lithospheric plates, plate geometries, Earth morphology, relative and absolute plate movements, stresses of plate interactions, types of plate boundaries, and orogenesis. It also examines the development of the most important geologic theory of the 20th century.

NQB614 Groundwater Systems

Pre-requisites	NQB302 or NRB301 or ENB383
Equivalents	NRB633
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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 are covered and current issues. Lectures are supported by desktop excercises. Students will obtain practical experience with pump tests and computer modelling. There is interaction with government and private sector hydrogeologists, and a field site visit for hands-on well testing.

NQB615 Geochemistry

Pre-requisites	NQB311
Equivalents	NRB536
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit aims to allow students to have the theoretical knowledge and practical skills necessary to use the wide range of geochemical tools that are standard for modern geoscientists to address environmental and geological problems.

NQB622 Conservation Biology

Pre-requisites	NQB321 or NRB311, and NQB422 or NRB410
Equivalents	NRB611
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Conservation Biology is the application of ecological theory and principles to the problem of the maintenance of viable populations of rare, threatened or endangered species, or ecological systems. The unit integrates ecological and genetic material covered in earlier units to provide an understanding of factors that enable the maintenance or enhancement of populations. The unit examines biodiversity and its determinants, the process of extinction, population viability analysis and the diagnosis and treatment of population declines, habitat fragmentation, metapopulation processes and the design of natural reserves, and conservation genetics.

NQB623 Ecological Systems

Pre-requisites	NQB321 or NRB311
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The science of ecology examines the distribution and abundance of organisms at a number of organisational levels from individuals to landscapes. At each of these levels there are separate and distinct attributes that require investigation and explanation. One important level of organisation is the ecosystem. An essential component of ecological studies is to examine these ecological systems and how they are shaped by the interaction between their constituent species and the physical environment. This unit builds on aspects animal and plant diversity and ecology covered in previous units to examine how the interrelationships between key physical, ecological, biological and geological processes shape ecological systems. The aim of this unit is to develop an understanding of the structure and function of terrestrial and aquatic ecosystems, and especially the processes that have shaped Australia's major ecological systems.

NRB720 Project

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Independent research is fundamental to science and the research project represents a major component of the Honours program. The unit provides the opportunity for students to identify and solve scientific problems logically and creatively. Students are required to relate the project work to published work in the field of study. Project aims to foster enhanced observational skills, relevant practical skills, lateral thinking and problem solving, literacy and communication skills, professional responsibility and ethical conduct, and conduct of scientific research. (60 credit points achieved at completion of NRB720-1, NRB720-2, NRB720-3, NRB720-4 and NRB720-5.)

NRB720 Project

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Independent research is fundamental to science and the research project represents a major component of the Honours program. The unit provides the opportunity for students to identify and solve scientific problems logically and creatively. Students are required to relate the project work to published work in the field of study. Project aims to foster enhanced observational skills, relevant practical skills, lateral thinking and problem solving, literacy and communication skills, professional responsibility and ethical conduct, and conduct of scientific research.(60 credit points achieved at completion of NRB720-1, NRB720-2, NRB720-3, NRB720-4 and NRB720-5.)

NRB720 Project

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Independent research is fundamental to science and the research project represents a major component of the Honours program. The unit provides the opportunity for students to identify and solve scientific problems logically and creatively. Students are required to relate the project work to published work in the field of study. Project aims to foster enhanced observational skills, relevant practical skills, lateral thinking and problem solving, literacy and communication skills, professional responsibility and ethical conduct, and conduct of scientific research.(60 credit points achieved at completion of NRB720-1, NRB720-2, NRB720-3, NRB720-4 and NRB720-5.)

NRB720 Project

Credit Points	12
Campus	Gardens Point

Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Independent research is fundamental to science and the research project represents a major component of the Honours program. The unit provides the opportunity for students to identify and solve scientific problems logically and creatively. Students are required to relate the project work to published work in the field of study. Project aims to foster enhanced observational skills, relevant practical skills, lateral thinking and problem solving, literacy and communication skills, professional responsibility and ethical conduct, and conduct of scientific research.(60 credit points achieved at completion of NRB720-1, NRB720-2, NRB720-3, NRB720-4 and NRB720-5.)

NRB720 Project

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Independent research is fundamental to science and the research project represents a major component of the Honours program. The unit provides the opportunity for students to identify and solve scientific problems logically and creatively. Students are required to relate the project work to published work in the field of study. Project aims to foster enhanced observational skills, relevant practical skills, lateral thinking and problem solving, literacy and communication skills, professional responsibility and ethical conduct, and conduct of scientific research. (60 credit points achieved at completion of NRB720-1, NRB720-2, NRB720-3, NRB720-4 and NRB720-5.)

NRB730 Research Methods and Strategies

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The unit consists of advanced research discussion and proposal writing. This coursework forms an important component in the development of the research training of the student from the aspects of data acquisition, organisation, planning, and implementation. The aim of the unit is to enable the student to develop and improve research abilities and skills, and to focus their efforts towards their research projects. Such skills are in organisation, but also in locating, identifying and integrating the required background data and other information for the particular study. Specific problems are discussed in detail to help develop critical thinking via a problem solving approach to research issues. Assessment is based on a written research proposal, which includes a comprehensive literature review and on an oral presentation of that proposal. (24 credit points achieved at completion of NRB730-1 and NRB730-2.)

NRB730 Research Methods and Strategies

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The unit consists of advanced research discussion and proposal writing. This coursework forms an important component in the development of the research training of the student from the aspects of data acquisition, organisation, planning, and implementation. The aim of the unit is to enable the student to develop and improve research abilities and skills, and to focus their efforts towards their research

projects. Such skills are in organisation, but also in locating, identifying and integrating the required background data and other information for the particular study. Specific problems are discussed in detail to help develop critical thinking via a problem solving approach to research issues. Assessment is based on a written research proposal, which includes a comprehensive literature review and on an oral presentation of that proposal. (24 credit points achieved at completion of NRB730-1 and NRB730-2.)

NRB735 Advanced Studies in Resource Sciences

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The aim of the unit is to provide an in-depth examination of a global topic, or synthesis of a subject so that the student develops a broad perspective of major issues facing all researchers, regardless of major, in biogeosciences. Important in this unit is the development of an inquiring approach and analytical thought and skills at an advanced level.

NRN100 Readings in Natural Resource Sciences 1

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

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
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This is the first clinical unit in the graduate entry program (NS40) and serves as the basis for a series of clinical units that will assist you to develop knowledge, skills and attributes required for safe, competent practice in the health workplace as a beginning level registered nurse. Learning outcomes from this unit form a foundation that will be successively built upon as you progress though the course.

NSB011 Clinical Practice 1

Anti-requisites	NSB010
Equivalents	NSB225
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This is the first in a series of six 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 registered nurse. Learning outcomes from this unit form a foundation that will be successively built upon as you progress though the course.

NSB012 Clinical Practice 2

Pre-requisites	NSB011 and (NSB021 or NSB118 or PUB280 or CSB332). (NSB021 or CSB332) can be studied in the same teaching period as NSB012
Anti-requisites	NSB010
Equivalents	NSB122
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This is the second in a series of six 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 registered nurse. Learning outcomes of this unit form a foundation that will be successively built upon as you progress though the course. 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.

NSB013 Clinical Practice 3

Pre-requisites	(NSB012 or NSB122) or NSB010. NSB010 can be enrolled in the same study period as NSB013
Equivalents	NSB212
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This is the third in a series of six clinical practice units that will assist you to further develop knowledge, skills and attributes required for safe, competent practice in the health workplace as a beginning level registered nurse. Learning outcomes of this unit support your ongoing development of nursing attributes as you progress through the course. This is a designated unit<\b>. 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.

NSB014 Clinical Practice 4

Pre-requisites	(NSB013 or NSB212) and (LSB182 or LSB111)
Equivalents	NSB222
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This is the fourth in a series of six 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 registered nurse. Learning outcomes of this unit build on your past clinical experiences and inform your future development and progression though the course. 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.

NSB015 Clinical Practice 5

Pre-requisites	(NSB014 or NSB222) and (LSB282 or LSB382 or LSB111)
Equivalents	NSB322
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This is the fifth 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. Learning outcomes in this unit contributes to your transition into the registered nurse role.

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)
Equivalents	NSB333
Credit Points	24
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

NSB017 Diversity and Health: Cultural Safety, Indigenous Perspectives

Equivalents	NSB113
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The culture of our health care system is based on the western scientific world view of the dominant Anglo-Australian culture. An understanding of the impact of culture on all of us and the historical and cultural issues that influence the health and wellness of Aboriginal people, Torres Strait Islanders and other Australians is essential to the provision of culturally safe nursing care across all practice settings. Australia is a culturally diverse nation and respecting and valuing diversity is an essential aspect of living and working here. To be effective health care providers, nurses need knowledge, skills and values which enable them to provide person-centered, holistic nursing care to clients from all backgrounds and lifestyles. The conceptual and critical frameworks developed in this unit carry over into the learning you do throughout your program of study.

NSB018 Professional Studies 1: Introduction to the Profession of Nursing

Equivalents	NSB117
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This is the first in a series of three Professional Studies units that will enable you to develop knowledge, skills and attributes expected of professional practice as a registered nurse. Learning outcomes of this unit form a foundation that will be successively built upon as you progress though the course.

NSB019 Professional Studies 2: Research, Evidence and Nursing Practice

Pre-requisites	(NSB018 or NSB117) and (NSB118 or NSB021) or PUB251
Equivalents	NSB224
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This is the second in a series of three Professional Studies units that will assist you to develop knowledge, skills and attributes expected of professional practice as a registered nurse. Learning outcomes of this unit will be built upon as you progress though the course.

NSB020 Professional Studies 3: Transitioning to RN Practice

Pre-requisites	((NSB018 or NSB117) and (NSB019 or NSB224)) or (PYB110 or PYB210 or PUB384 or PUB461 or PUB561)
Equivalents	NSB321
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This is the third in a series of Professional Studies units that will assist you to develop knowledge, skills and attributes expected of professional practice as a registered nurse. Learning outcomes of this unit will be applied throughout your studies in this final year of the course.

NSB021 Nursing Practice in Context 1

Anti-requisites	NSB118
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit is the first in a series of six, Nursing Practice in Context, units. This suite of units introduces you to health, wellness and illness and the contexts where these occur and are promoted or treated. Considering global and social impacts on health, and Australian national health priorities, this suite of units examines common disease processes, health assessments, nursing interventions, along with health promotion and nursing therapeutics. Nursing Practice in Context 1 focuses on developing your understanding of a core professional attribute; clinical judgement, and beginning your learning journey of understanding the nurse's role in healthcare. This unit focuses on activities of daily living, contexts of practice in caring for people across the lifespan and collecting and documenting health information. This will facilitate your acquisition of the required knowledge and skills to deliver sound, holistic nursing care in a multitude of clinical settings.

NSB022 Nursing Practice in Context 2

Equivalents	NSB324
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit is the second in a series of six, Nursing Practice in Context, units. This suite of units develops your knowledge of health, wellness and illness and the contexts where these occur and are promoted or treated. Nursing Practice in Context 2 focuses on continuing the development of your understanding of a core professional attribute; clinical judgement, and furthering your learning journey through knowledge related to the patient journey, primary health care, chronic disease and acute care settings and also cardiovascular and respiratory health. This will facilitate your acquisition of the required knowledge and skills to deliver sound, holistic nursing care in a multitude of clinical settings.

NSB023 Nursing Practice in Context 3

Pre-requisites	NSB021 or NSB118 or NSB022
Equivalents	NSB223
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit is the third in a series of six, Nursing Practice in Context, units. This suite of units introduces you to health, wellness and illness and the contexts where these occur and are promoted or

treated. Nursing Practice in Context 3 focuses on the continuing the developments of your understanding of a core professional attribute; clinical judgement, and furthering your learning journey through knowledge related to a key national health priority, mental health. This will facilitate your acquisition of the required knowledge and skills to deliver sound, holistic nursing care of clients with mental health issues in a multitude of clinical settings.

NSB024 Nursing Practice in Context 4

Pre-requisites	NSB021 or NSB118 or NSB022
Equivalents	NSB423
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit is the fourth in a series of six, Nursing Practice in Context, units. This suite of units introduces you to health, wellness and illness and the contexts where these occur and are promoted or treated. Nursing Practice in Context 4 focuses on continuing the development of your understanding of a core professional attribute; clinical judgement, and furthering your learning journey through knowledge related to endocrine, gastrointestinal, genitourinary and musculoskeletal health. This will facilitate your acquisition of knowledge and skills to deliver sound, holistic nursing care in a multitude of clinical settings.

NSB025 Nursing Practice in Context 5

Pre-requisites	((NSB021 or NSB118) and (NSB022 or NSB324)) or (CSB342)
Equivalents	NSB500
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit is the fifth in a series of six, Nursing Practice in Context, units. This suite of units introduces you to health, wellness and illness and the contexts where these occur and are promoted or treated. Nursing Practice in Context 5 focuses on continuing the development of your understanding of a core professional attribute; clinical judgement, and furthering your learning journey through knowledge related to neurological, renal healthcare and cancer and palliative care contexts. This will facilitate your acquisition of the required knowledge and skills to deliver sound, holistic nursing care in a multitude of clinical settings.

NSB026 Nursing 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 (Completion of CSB342)
Equivalents	NSB503
Credit Points	12
Campus	Caboolture and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit is the final in a series of six, Nursing Practice in Context, units. This suite of units develops your understanding of health, wellness and illness and the contexts where these occur and are promoted or treated. The Nursing Practice Capstone unit informs your transition toward the beginning registered nurse role through focussing on the integration of knowledge and skills that you have acquired throughout your studies. This will facilitate the consolidation of knowledge and skills required for the delivery of safe, competent, holistic nursing care in a variety of clinical settings.

NSB412 Clinical Elective

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 analyesia 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

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, BLK); 2014 SEM-2 (EXT, BLK)

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.

NSB602 Pain Management and Nursing Practice

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, BLK); 2014 SEM-2 (EXT, BLK)

Making decisions about patient's pain and its management is a key component of nursing practice across a wide variety of patient groups and clinical settings. This unit examines the concept of pain and explores aspects of the nurse's role in relation to pain relief. It builds on introductory concepts that have been addressed earlier in the program through more detailed exploration of, and reflection upon selected concepts.

NSB603 Introduction to Cardiothoracic Nursing

Pre-requisites	NSB500 or NSB025
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

NSB604 Nursing Practice and the Older Person

Pre-requisites	NSB225 or NSB011
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Nurses have an important role in promoting, maintaining and restoring the health of older people and their families across a diversity of settings. Students will be encouraged to examine the independent role of the nurse and their role as a member of multidisciplinary teams. The unit focuses on the role of the nurse in assessing and identifying problems relevant to older people and making clinical decisions about care practices and outcomes. This unit will extend the understandings that you have developed in other theoretical studies and experiences in clinical practice.

NSB606 Palliative Care Nursing

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

NSB607 Nursing Informatics and eHealth

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (EXT)

The Australian Government is committed to eHealth and is currently facilitating the transition of paper-based clinical record keeping to electronic means to facilitate better information exchange. Additionally, the Department of Health and Ageing is currently progressing foundational activities in this field and is exploring early use of Healthcare Identifiers Service and the Personally Controlled Electronic Health Record system for all Australians. To enhance the capacity of the nursing workforce allowing them to engage in the digital processing of information is critical. Future nurses will be required to possess information technology skills which will allow them to both manage future aspects of health care and to influence healthcare reform and nursing practice.

NSB720 Challenges in Midwifery Practice

Pre-requisites	NSB700, NSB705

Credit Points	12
Campus	null

The aim of this unit is to develop an ability to critically evaluate the core knowledge, attitudes and skills required for beginning practice as an endorsed midwife when caring for childbearing women, neonates and their families experiencing complications during pregnancy, birth and/or the puerperium. Midwives have a professional, legal, and ethical responsibility to identify factors that complicate pregnancy, birth and the postnatal period. Midwives need skills and knowledge to recognise and act on changing events, consulting colleagues in a timely manner, working collaboratively to manage complications that arise to put the woman and her newborn at risk of adverse outcomes.

NSB725 Midwifery Practice 2

Pre-requisites	NSB710 and NSB720 and (NSB015 or NSB322)
Credit Points	12
Campus	null

The aim of this clinical unit is to enable you to develop knowledge and skills necessary for the planning and delivery of midwifery care for women and families that require more complex interventions. Off-campus settings for this unit may include maternity hospitals, midwifery services, mental health facilities that specialise in postnatal disorders, and community facilities. Midwives have a professional, legal and ethical responsibility to recognise factors that create or intensify complications throughout the childbearing period, and act on their findings. Following on from Midwifery practice 1, this unit continues to develop your skills in providing midwifery care to childbearing women, their newborns and families. In working alongside midwives in various health care facilities you will develop a greater appreciation for the role of the midwife in supporting women experiencing physical and psychological complications of 'high-risk' birthing. This is a designated unit.

NSB800 Critical Issues in Neonatal Care

Pre-requisites	NSB720
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit provides you with a sound basis for midwifery practice in the area of the unwell neonate, by providing learning opportunities in relation to the critical issues and factors that influence neonatal health and family wellbeing.

NSB805 Australian Indigenous and Global Perspectives in Midwifery Practice

Pre-requisites	NSB700
Credit Points	12
Campus	null

This unit contextualises Australian midwifery practice within a global perspective of midwifery practice and maternity service delivery. Global trends in models of midwifery care and national and international forces that influence these trends is examined.

NSB810 Clinical Project in Midwifery Practice

Pre-requisites	NSB224 and (NSB500 or NSB025)
Co-requisites	NSB820
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit tests theoretical understandings of the links between current theory, quality improvement, and the developing evidence for midwifery practice. It focuses on the design and implementation of a clinical midwifery project that reflects students' clinical practice and development.

NSB820 Integrated Practicum A

Pre-requisites	(NSB322 or NSB015) and NSB710 and NSB720 and NSB725
Co-requisites	NSB810
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This clinical unit offers students the opportunity to further experience the diversity of practice while providing nursing and/or midwifery care. The clinical practicum associated with this unit utilises a variety of clinical environments providing both hospital and community based care. Students also have the option of undertaking a clinical placement in a rural, remote, interstate, overseas or Indigenous community area. Advanced clinical concepts that build on the basic skills developed earlier in the program will be addressed.

NSB825 Integrated Practicum B

Pre-requisites	NSB820
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This is the final unit in the series of clinical units that provide students with the opportunity to consolidate the knowledge, skills and attributes required for safe, competent practice as both a beginning level registered nurse as well as a beginning level endorsed midwife. This unit builds on previous clinical units and draws upon concepts, principles and theories that have been developed through your studies in nursing, midwifery, and related sciences. Particular emphasis is placed on the coordination of care for a group of clients, critical thinking and reflection on practice, and confidence, efficiency and effectiveness in the implementation of nursing and midwifery care. This is a designated unit.

NSN001 Contemporary Nursing Practice with Children and Families

Equivalents	NSN006
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

This unit provides an opportunity for you to develop your specialist knowledge and skills in child and family health nursing by exploring and addressing an issue relevant to your area of practice.

NSN002 Key Issues in Paediatrics and Child Health

Credit Points	12
Campus	null

This unit addresses contemporary issues in child and youth health, to provide the basis for further study in this field. A Primary Health Care framework will be used to consider issues that impact on the health of children and young people. In addition key policy frameworks will provide direction for study in the unit. The unit will consider the impact of social determinants on child, youth and family health and examine current strategies to address such impacts. Students will have the opportunity to examine local programs and strategies aimed at improving health outcomes.

NSN003 Principles of Paediatric, Child and Youth Health Nursing

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

Students in this unit are introduced to issues facing nursing when providing care for children and families in the acute and community service environment. The unit presents an overview of the contemporary health problems faced by the Australian child and family and explores nursing interventions that enhance adaptation and health.

NSN004 Acute Paediatric Nursing

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

This unit is designed to provide registered nurses with advanced knowledge and skills to enable them to provide safe and competent care to children experiencing acute paediatric illness. This unit will focus on acute health problems in children, employing clinical assessment, problem solving and critical thinking skills. Following completion of this unit the registered nurse will be able to demonstrate knowledge and skills in the nursing management of acute and chronic health problems within paediatric clinical practice.

NSN005 Community Child and Youth Health Nursing

Credit Points	12
Campus	null

This unit is designed to provide a sound basis for nursing practice in the area of community child and youth health. Students will examine contemporary issues relating to their professional role in caring for children, youth and families within the community context. The unit adopts a primary health care approach to examine the nurses' role in primary and secondary prevention, in supporting families in the community and in health education and community development.

Units

NSN006 Specialisation in Paediatric, Child and Youth Health Nursing

Credit Points	12
Campus	null

This unit will provide students with clinical knowledge and understanding in a selected area of paediatric or child and youth health sub-speciality. The unit is based on a learning contract that will include both theoretical and clinical learning activities and assessment.

NSN007 Advanced Chronic Care Nursing Practice

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit further develops registered nurses' capability to manage co-morbid chronic health conditions within an effective interdisciplinary healthcare team environment.

NSN008 Specialisation in Chronic Care Nursing

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit further develops registered nurses' capability to provide contemporary nursing interventions for people with chronic health conditions.

NSN009 Specialisation in Caring for Children and Families

Anti-requisites	NSN004, NSN005
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (EXT, INT)

This unit will develop your specialist knowledge and skills in paediatric, community child and youth health nursing.

NSN100 Contexts of Women's Health

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

This unit explores a selection of sociocultural, political, geographical and clinical trends and issues that influence women's health in Australia and internationally.

NSN421 Assessment and Diagnosis in Extended Practice

Pre-requisites	Admission into NS86. NS32 and NS85 students should apply for a waiver
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This unit focuses on the scientific basis, processes and procedures for advanced concepts in clinical decision making. It covers the skills and principles of health assessment with specific focus on pattern recognition and diagnostics; ordering and interpreting laboratory tests; ordering and interpreting imaging investigations. The unit also explores the activities and processes for making and accepting referrals with other health professionals.

NSN422 Pharmacology and Therapeutics in Extended Nursing Practice

Pre-requisites	Admission into NS86. NS32 and NS85 students should apply for a waiver
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This unit relates to the planning and management of therapeutic interventions in health care with a major focus on pharmacology and therapeutics. The content includes the study of pharmacology and pharmacokinetics related to treatment in a wide range of diseases. This will provide the basis for expansion into in-depth knowledge of pharmacology in a specialty field in the unit titled: NSN426 Advanced Pharmacology and Therapeutics in Speciality Nursing Practice.

NSN423 Nurse Practitioner Role Development

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This unit equips students with the skills and knowledge necessary for the development of the nurse practitioner role and scope of practice. Scope of practice refers to, and includes the extent of clinical practice activities available to the nurse practitioner in their speciality field of practice.Content includes requirements and attributes in clinical leadership, influence and advocacy at all levels of health care. Model development will be explored, scope of practice designed and clinical protocols and treatment formulary developed.

NSN424 Evidence-based Practice

Credit Points	12
Campus	null

On successful completion of this unit you will be able to critically appraise systematic reviews of evidence and design projects for the implementation of evidence into practice. Content includes evidence-based terminology, principles and processes; incorporating evidence into practice; comparing and contrasting current practice with the most current evidence; modifying policies and procedures to be consistent with the evidence; use of audit results to identify areas of practice that are consistent with the evidence and those needing revision; and formulating strategies for promoting the uptake of evidence-based practice.

NSN425 Nurse Practitioner Internship

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This unit provides extended, supervised and supported clinical practice exposure to consolidate and apply coursework learning, enabling students to meet the competency and capability standards for the nurse practitioner. Content is determined by the context of practice and the candidate's own learning objectives. Students will explore the extent of extended clinical practice available to them in the specialty in which they are undertaking the internship. Complementary to the unit objectives, and in consultation with their clinical support teams, students will develop personal learning objectives that reflect the knowledge and skills required in this extended scope of practice.

NSN425 Nurse Practitioner Internship

Pre-requisites	NSN425-1
Co-requisites	NSN428
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit continues on from NSN425-1 and provides extended, supervised and supported clinical practice exposure to consolidate and apply coursework learning, enabling students to meet the competency and capability standards for the nurse practitioner. Content is determined by the context of practice and the candidate's own learning objectives. Students will explore the extent of extended clinical practice available to them in the specialty in which they are undertaking the internship. Complementary to the unit objectives, and in consultation with their clinical support teams, students will develop personal learning objectives that reflect the knowledge and skills required in this extended scope of practice.

NSN426 Advanced Pharmacology and Therapeutics in Speciality Nursing Practice

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit follows on from NSN422 Pharmacology and Therapeutics in Extended Nursing Practice and includes development of the scope of pharmacological and therapeutic practice in a student's specialty field of practice, designing and developing protocols and medication formulary. It also includes a focus on skills in development of treatment plans that incorporate a creative, efficacious, patient-centred and sustainable management of symptom/disease states that are based on best evidence.

NSN427 Prevention of Violence Against Women

Credit Points	12
Campus	null

The unit explores the prevalence, incidence, and impact of abuse on the individual, family, community

and society. A range of approaches to prevention and intervention will be explored, both from local, national and international perspectives, to enable students to contextualise the learning to their discipline area.

NSN428 Transition to Nurse Practitioner

Pre-requisites	NSN421, NSN422, NSN423, and NSN425-1
Co-requisites	NSN425-2
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (EXT, INT)

This unit is undertaken in the last semester of the course to enhance the transition from the course into practice. Nurse practitioners must understand and negotiate the contemporary discipline- and speciality-specific trends and issues that affect their roles. The purpose of this unit is to enable students to synthesise prior knowledge and learning across the nurse practitioner course. The unit will assist students to consolidate specialist and discipline-specific knowledge and to apply learning to contemporary social, cultural, professional and political contexts, with a view to developing a coherent overview of the achievements, competencies and capabilities of the nurse practitioner and prepare students for the role as clinical leader.

NSN504 Clinical Fellowship

Credit Points	24
Campus	null

The advanced practice nurse (APN) is a registered nurse who operates at the advanced or specialty level within a nursing model of care. Having first received a comprehensive professional preparation, advanced practice nurses are subsequently prepared through intensive education, experience and competency assessment for their chosen speciality. Armed with the appropriate depth of specialist knowledge and skills, APNs work within a defined client population or area of nursing activity. The aim of this unit is to provide you with the educational and clinical preparation that enables you to function at the advanced level in your area of nursing specialty.

NSN506 Nursing Leadership Project

Pre-requisites	Completion of 96cp in NSN% units
Credit Points	24
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

This unit provides an opportunity for you to consolidate specialist and discipline specific knowledge for a confident transition into a nursing leadership role.

NSN507 Contemporary Practice Issues

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This unit allow students to explore current issues and develop their understanding through application of relevant theoretical frameworks to nursing practice in selected specialty areas. Students undertaking this unit will examine social, political and economic factors that shape and have shaped nursing practice, analyse factors influencing the organisation of nursing practice, and critically apply a theoretical framework to current issues relevant to nursing practice.

NSN508 Thesis Preparation

Pre-requisites	Completion of 48cp in NSN% units
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

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 information retrieval, critical analysis and writing for publication.

NSN515 Leadership and Management in Nursing

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

This unit aims to extend students' understanding of contemporary issues and trends in the development of leadership in professional practice, strengthen their abilities to provide effective leadership and further develop skills in peer consultation and reflective practice as strategies to support a critical approach to the provision of leadership in the workplace. The unit addresses strategic thinking and planning; organisational and interpersonal communication; decision making; team building; multidisciplinary teams; managing conflict; facilitating change; and creating growth-producing work environments.

NSN516 Sexual and Reproductive Health

Credit Points	12
Campus	null

This unit will bring together current research and evidence-based practice and information as well as, a health-oriented approach to the subject of sexuality and reproduction. The purpose of this unit is to highlight the fundamental issue that even though screening programs have emerged and improved women's health, women continue to have health problems that are unique to them as women. The aim of this unit is for the student to come to the understanding that a woman's sexual health encompasses not only the medical and physical components of sexual activity but a holistic understanding of physical and mental health. These are seen as being influenced by self-esteem, values, culture and socio-economic factors as well as societal influences.

NSN517 Women's Health Issues

Credit Points	12
Campus	null

This unit provides students with opportunities to develop and expand their theoretical knowledge and skills in the area of women's health, and utilises the primary health care framework in considering the major objectives for helping women achieve optimal health as documented in women's health policy. This unit aims to make primary health care professionals aware of the broader social context in which service, delivery and care take place.

NSN523 Transitioning to Advanced Practice

Other requisites	Students must be working as a registered nurse in a clinical setting in Australia
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit provides an opportunity for you to build upon your specialist knowledge and skills to transition towards the advanced practice nurse roles afforded within the registered nurse scope of practice.

NSN626 Contemporary Issues in Dementia

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

This unit explores a range of the psychosocial, cultural, political, and clinical issues that are related to the increasing prevalence of dementia, in Australia and internationally.

NSN701 Advanced Health Assessment

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This unit provides an opportunity for you to develop your specialist knowledge and skills in advanced health assessment. There are two streams offered in the unit, an adult focused and a paediatric stream.

NSN721 Key Issues in Emergency and Intensive Care Nursing

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This unit provides an opportunity for you to develop your specialist knowledge and skills in either emergency or intensive care nursing. The unit links to learning in NSN723 Specialisation in Emergency Nursing and NSN722 Principles of Intensive Care Nursing. You will develop insight into life threatening health care situations involving trauma and respiratory disorders requiring assisted ventilation.

NSN722 Principles of Intensive Care Nursing

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit provides an opportunity for you to acquire specialist knowledge and skills in intensive care nursing across the life span. The unit links to learning in NSN721 Key Issues in Emergency and Intensive

Care Nursing. You will develop insight into a range of life threatening patient situations involving multiple organ dysfunction, sepsis, cardiovascular, renal and liver disorders.

NSN723 Specialisation in Emergency Nursing

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit provides an opportunity for you to develop your specialist knowledge and skills in emergency nursing. The unit links to NSN721 Key Issues in Emergency and Intensive Care Nursing. You will develop an understanding of triage, contemporary management of patients across the lifespan, and emergency presentations frequently encountered.

NSN724 Specialisation in Acute or Cancer Nursing

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This unit is designed to present a foundation of theoretical and practice concepts required for registered nurses to provide effective, consumer focused nursing care within a variety of clinical contexts in a range of practice settings. The unit provides a framework from which students can develop an understanding of the impact of selected health problems on individuals, families, and communities. This will include practice concepts (philosophies, evidence based practice, competencies and continuity of care); physiological, pathophysiological and psychosocial underpinnings of advanced speciality or generalist practice; planning of appropriate strategies/interventions for client care; and development of selected technical skills.

NSN725 Specialisation in Medical/Surgical and Cancer Nursing

Credit Points	12
Campus	null

This clinically based unit will provide the opportunity for students to further develop and consolidate prior learning in a clinical setting of their choice. This unit will enable students to discuss issues and trends occurring in nursing practice in a selected acute care or cancer care environment, and critically analyse the advanced concepts that underpin specialist nursing practice. Students will demonstrate clinical judgement and reflective skills through the application of theoretical concepts to common health problems experienced by clients in a selected acute care or cancer care environment. They will also initiate plans of care to address common needs/problems experienced by clients in this specialist field.

NSN726 Symptom Management in Specialist Acute or Cancer Nursing Practice

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

In this unit you will advance your knowledge of evidence-based principles and practices appropriate to the management of common symptoms and experiences of people who require nursing intervention in acute or cancer settings.

NSN727 Emergency Nursing Practice in Unique Client Population

Credit Points	12
Campus	null

This unit enables students to critically analyse the advanced concepts that underpin specialist nursing practice in emergency care to unique client populations; demonstrate clinical judgement through the application of theoretical concepts to health problems experienced by unique client populations requiring emergency care; initiate plans of care to address frequently experienced problems encountered by unique client populations requiring emergency care; demonstrate critical reflection skills in applying theoretical concepts to your own practice.

NSN728 Trends and Issues in Specialty Nursing Practice

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT); 2014 5TP8 (EXT)

This unit explores a selection of political, social and clinical trends and issues that influence specialty nursing practice. These trends and issues not only play a key role in the way nursing care is currently delivered-understanding their origin and direction will help you shape the future of nursing in gastroenterology clinical practice. This unit is a core unit in NS32 Graduate Certificate of Nursing.

NSN821 Promoting Healthy Ageing

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit explores a range of the psychosocial, cultural, political, and clinical issues that are related to healthy ageing in Australia and internationally.

NSN822 Palliation in Dementia

Credit Points	12
Campus	null

Regardless of discipline, those working with older people, whether in the community or in residential care settings, need a broad and holistic understanding of the many issues associated with service delivery: legal, ethical, geographic, service access and availability, workforce issues and funding, among others. These issues impact on the type and quality of services delivered and therefore, on clients and their families. This Unit enables students to explore a range of complex issues relating to service provision for older people.

NSN825 Thesis (Part 1)

Pre-requisites	NSN508
Credit Points	24
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

The thesis provides you with an opportunity to formally extend and synthesise knowledge gained in earlier semesters of the course over two semesters.

NSN825 Thesis (Part 2)

Pre-requisites	NSN825-1
Credit Points	24
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

The thesis provides you with an opportunity to formally extend and synthesise knowledge gained in earlier semesters of the course over two semesters.

NSN850 Thesis

Pre-requisites	NSN508
Credit Points	48
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

The thesis provides you with an opportunity to formally extend and synthesise knowledge gained in earlier semesters of the course.

OPB351 Visual Science 3

Pre-requisites	OPB352 and OPB353
Co-requisites	OPB452 and OPB453
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

Ophthalmic Optics is a fundamental area of Vision Science and Optometry, as a majority of problems deal 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	OPB351and OPB452
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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.

OPB550 Diseases of the Eye 5

Pre-requisites	(CSB520 or LSB475) and OPB452
Co-requisites	OPB654
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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 tonometry. Students are also introduced to communication with patients, and the communication principles and skills in taking a case history.

OPB557 Binocular Vision

Pre-requisites	OPB451 and OPB556
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

This is a continuation of OPB550 and covers the ocular manifestations of general disease, neuro-ophthalmology, glaucoma, inflammations/infections, tumours and trauma.

OPB654 Ocular Pharmacology

Pre-requisites	OPB452 and LSB384
Co-requisites	OPB550
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit provides students with the appropriate knowledge of pharmaceutical agents used to examine the eye and to treat eye diseases.

OPB656 Assessment of Vision 6

Pre-requisites	OPB451 and OPB556
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit introduces the student to the theory and practice of further core clinical techniques of vision assessment. The integration of these core clinical techniques with the basic techniques learned previously gives students a thorough knowledge of all aspects of routine patient management.

OPN161 Optometry in Special Needs Groups

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

-

OPN162 Contact Lens Practice

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

-

OPN163 Primary Care Clinic 7

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

-

OPN164 Research Methods in Optometry and Vision Science

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

-

OPN261 Therapeutic Management of Eye Disease

Pre-requisites	OPN163
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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 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
Teaching Periods	2014 SEM-2 (INT)

This unit begins clinical practice in the specialist areas of contact lens practice and binocular vision and low vision. Through feedback from clinicians, 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

Teaching Periods	2014 SEM-2 (INT)

-

OPN264 Research Project

Pre-requisites	OPN164
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

OPN361 Research and Evidence Based Optometry

Pre-requisites	OPN262 and OPN263 and OPN264
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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	OPN363 and OPN364
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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).

OPN363 Primary Care Clinic 9

Pre-requisites	OPN261 and OPN262 and OPN263
Co-requisites	OPN362 and OPN364
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

OPN364 Clinical Externship 9

Pre-requisites	OPN261 and OPN262 and OPN263
Co-requisites	OPN362 and OPN363
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit introduces clinical optometric practice in real world clinical learning environment by clinical placement in optometric practices, ophthalmology practices and other health care settings. Through clinical practice, students will develop specific problem solving strategies in clinical practice, and develop problem specific examination techniques, reinforcing and refining clinical skills developed in the previous units. Students will take on increasing responsibility for clinical decision making and management, demonstrating beginning independence in decision making and problem solving. This unit additionally fosters the transition to professional practice by placing the student in the real world environment of optometry and ophthalmology practices.

OPN461 Optometry in Professional Practice

Co-requisites	OPN463 and OPN464
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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	OPN363 and OPN362
Co-requisites	OPN463
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit continues the clinical practice of specialist areas within optometry: contact lens practice, binocular vision, paediatric optometry and 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.

OPN463 Primary Care Clinic 10

Pre-requisites	OPN363
Co-requisites	OPN462
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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 exhibit 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.

OPN464 Clinical Externship 10

Pre-requisites	OPN362, OPN363 and OPN364
Co-requisites	OPN462 and OPN463
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit further allows clinical optometric practice in real world clinical learning environment by clinical placement in optometric practices, ophthalmology practices and other health care settings. Through clinical practice, students will develop specific problem solving strategies in clinical practice, and develop problem specific examination techniques, reinforcing and refining clinical skills developed in the previous units. Students will take on the primary responsibility for clinical decision making and management, demonstrating independence in decision making and problem solving. This unit further consolidates the students transition to professional practice.

OPP001 Ocular Therapeutics 1

Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

OPP001 is the major theory and knowledge component of OP43 Graduate Certificate in Ocular Therapeutics. Students will learn the major general and specific principles of management and treatment of eye disease in a manner compatible with quality use of medicines, with a special consideration of ocular topical preparations. The unit is also intended to prepare students for the clinical practicum unit of the course, OPP002.

OPP002 Ocular Therapeutics 2

Pre-requisites	OPP001
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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	null

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 profession'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	null

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.

OUB120 Smash the Act - Indigenous Australian Politics

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

OUB130 Indigenous Knowledge: Research Ethics and Protocols

Anti-requisites	EDB040
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit critically analyses and articulates culturally safe research that reflects de-colonising 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
Teaching Periods	2014 SEM-1 (INT)

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.

PCB122 Lighting Design

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit aims to introduce students to the basics of lighting design, taking into account both the requirements for lighting a space, as well as the practical issues. Both indoor and outdoor spaces are included. The software packages used are easily understood, as the aim of the unit is to teach students about lighting design, not how to use a lighting package.

PCB123 Sustainability and Human Factors

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

In this unit you should develop an understanding of the performance issues of lamps and luminaires, both from a energy point of view and the human issues – does it meet the needs of the people working or at leisure in the space.

PCB124 Lamps and Luminaires

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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 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.

PCB172 Physics for Surveyors

Credit Points	12
Campus	null

This unit includes the following: measurement and uncertainty kinematics (vector and scalar quantities, equations of motion); dynamics (friction, centripetal force, impulse and momentum, periodic motion, work and energy); gravity circular motion, centripetal force, gravity, Kepler's Laws, orbits); fluid statics (pressure, barometry); fluid dynamics (fluid flow in pipes and channels, equation of continuity, Bernoulli's principle,); optical instruments (reflection, refraction, total internal reflection, spherical mirrors, thin lenses, transits, theodolites, corner cubes, cameras); electric and magnetic fields; electrical circuits (electronic components).

PCB240 Optics 1

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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.

PCB605 Biomedical Instrumentation

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Instrumentation plays an increasingly important role in the life of a scientist. This unit is designed to give you a working knowledge in instrumentations and the principles of circuit theory and electronics that underlie instrumentation. It is offered at this stage of the program since it relies on work developed in the earlier advanced-level units and provides a basis for experimental work in later units. This unit aims to introduce you to the role of instrumentation in modern scientific work. It will provide you with experience in the use of standard electronic laboratory instrumentation and with an opportunity to develop skills in constructing and testing circuits. This unit will also show you how to access and interpret information on various electronic components and enhance your group interaction skills.

PCB675 Radiation Safety and Biology

Pre-requisites	PCB272
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

PCB700 Research Project

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Students undertaking Honours are required to select and undertake, in consultation with a supervisor, a substantial project in an appropriate area. Each project is assessed on the basis of an extensive written report and an oral presentation. (60 credit points achieved at completion of PCB700-1, PCB700-2, PCB700-3, PCB700-4 and PCB700-5.)

PCB700 Research Project

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Students undertaking Honours are required to select and undertake, in consultation with a supervisor, a substantial project in an appropriate area. Each project is assessed on the basis of an extensive written report and an oral presentation. (60 credit points achieved at completion of PCB700-1, PCB700-2, PCB700-3, PCB700-4 and PCB700-5.)

PCB700 Research Project

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Students undertaking Honours are required to select and undertake, in consultation with a supervisor, a substantial project in an appropriate area. Each project is assessed on the basis of an extensive written report and an oral presentation. (60 credit points achieved at completion of PCB700-1, PCB700-2, PCB700-3, PCB700-4 and PCB700-5.)

PCB700 Research Project

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Students undertaking Honours are required to select and undertake, in consultation with a supervisor, a substantial project in an appropriate area. Each project is assessed on the basis of an extensive written report and an oral presentation. (60 credit points achieved at completion of PCB700-1, PCB700-2, PCB700-3, PCB700-4 and PCB700-5.)

PCB700 Research Project

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Students undertaking Honours are required to select and undertake, in consultation with a supervisor, a substantial project in an appropriate area. Each project is assessed on the basis of an extensive written report and an oral presentation. (60 credit points achieved at completion of PCB700-1, PCB700-2, PCB700-3, PCB700-4 and PCB700-5.)

PCB706 Quantum Mechanics

Pre-requisites	PQB550
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit is offered at the Honours level for students who wish to build on their knowledge in quantum mechanics obtained during their undergraduate studies. The unit will provide an essential platform for further studies and theoretical and experimental research in all areas that require knowledge of modern quantum theory. The unit is one of the essential and concluding units in your education in the physics major/co-major.

PCB708 Advanced Topics in Physics

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

No more than three topics are included. The content is determined by current research advances, availability of appropriate staff, visiting academics, etc and may vary from year to year.

PCB742 Elective Unit

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The subjects are chosen to suit individual students but the topics studied would normally be in specific areas of physical chemistry, analytical chemistry, inorganic chemistry or organic chemistry and would be chosen from subjects presently offered in the masters program or other post graduate programs. Relevant material from other accredited courses may be included as part or all of the requirement for this subject as directed by the Course Coordinator and Head of School.

PCB780 Advanced Topics in Chemistry 1

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This is the second semester component of a two-semester unit covering a selection of advanced topics in the areas of physical, organic and inorganic chemistry. The topics offered reflect the expertise of the academic staff as well as the needs of the students. (24 credit points achieved at completion of PCB780-1 and PCB780-2.)

PCB780 Advanced Topics in Chemistry 1

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This is the first semester component of a two-semester unit covering a selection of advanced topics in the areas of physical, organic and inorganic chemistry. The topics offered reflect the expertise of the academic staff as well as the needs of the students. (24 credit points achieved at completion of PCB780-1 and PCB780-2.)

PCN112 Medical Imaging Science

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

-

PCN113 Radiation Physics

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit includes the following: radioactivity and the interaction of ionising radiation with matter; applied radiation counting techniques; radiation detectors; radiation dosimetry.

Units

PCN114 Microprocessors and Instrumentation

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit includes the capabilities and limitations of a given instrument; design of interfaces between microcomputers and transducers; signal conditioning and signal conversion circuits for data acquisition.

PCN121 Vision Colour and Photometry

Credit Points	12
Campus	null

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.

PCN122 Lighting Design

Credit Points	12
Campus	null

This unit aims to introduce students to the basics of lighting design, taking into account both the requirements for lighting a space, as well as the practical issues. Both indoor and outdoor spaces are included. The software packages used are easily understood, as the aim of the unit is to teach students about lighting design, not how to use a lighting package.

PCN123 Sustainability and Human Factors

Credit Points	12
Campus	null

In this unit you should develop an understanding of the performance issues of lamps and luminaires, both from a energy point of view and the human issues – does it meet the needs of the people working or at leisure in the space.

PCN124 Lamps and Luminaires

Credit Points	12
Campus	null

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.

PCN184 Breast Imaging

Pre-requisites	PCN187 and PCN397-1
Credit Points	12
Campus	null

This unit includes the following: medical imaging of the breast; principles of mammographic and sonographic imaging; breast anatomy and physiology; pathological conditions affecting the breast and its appearance; advanced mammographic techniques; mammographic and sonographic quality assurance.

PCN211 Physics of Medical Imaging

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

PCN221 Best Practices in Lighting

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit brings together all the contributing factors in a lighting design package as studied in other units in this course, from the equipment to the design within the space or environment, the integration with daylight, to the human factors of comfort and visibility and sustainability and gives the student the opportunity to examine and critically analyse new lighting projects, as well as undertake their own total lighting design.

PCN222 Advanced Lighting Design

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit includes the latest developments in lamp technologies and sources (including LEDs and lasers), lighting in the mesopic range, a review of factors influencing lighting design; discomfort and disability glare; illuminance and glare scale, methods for the assessment of tasks and environments; in-depth studies of colour, form, pattern and space, issues relating to the perception and comprehension of the environment; the practical effects of daylight, introduction to the integration of daylight and electric lighting. This is a very hands-on unit with a large component of computer design work, group discussions and site visits and evaluations.

PCN223 Lighting Applications

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This unit builds on the material covered in PCN122 and looks in more depth at some of the applications covered in that unit, namely street lighting and public access lighting, as well as other areas not covered in that unit, including general floodlighting requirements and equipment, light distributions, calculation methods, area floodlighting, building floodlighting, pedestrian lighting, tunnel lighting, vehicle lighting, traffic signals, airport lighting, navigation lighting, display lighting, and advertising.

PCN224 Applied Lighting

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

There is no set material for this unit. Students undertake an approved project over a semester on any topic relevant to their interest in lighting. The project may be predominantly a reading course, reviewing, comparing or analysing material on a specific topic, or it may be a practically oriented project involving manufacture, measurement or analysis of a particular lighting product or installation. The project may be taken at QUT or within the person's place of employment.

Units

PCN297 Clinical Attachment 2

Pre-requisites	PCN159, PCN197-1, PCN197-2 and PCN356
Credit Points	6
Campus	null

This unit includes a period of additional supervised clinical practice designed to expand and refine skills acquired in PCN197. (12 credit points achieved at completion of PCN297-1 and PCN297-2.)

PCN320 Lighting Project

Credit Points	24
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

The requirements for a Masters include an in-depth study of a particular area of lighting that is in keeping with the student's interest. This takes the form of a project that is usually undertaken in an area of particular interest to the student. Although the project may be directly associated with the student's employment, it should have sufficient originality for the student to be able to demonstrate initiative, an understanding of scientific method, and an ability to problem-solve to obtain a meaningful and realistic solution.

PCN321 Reading Topic 1

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

This unit aims to develop the student's knowledge and understanding of topics in lighting of particular interest to the student. In particular it can aim to give students greater insight into aspects they will cover in their Masters project. It will also help to develop the student's research, organisation and communication skills.

PCN322 Reading Topic 2

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-1 (INT, EXT); 2014 SEM-2 (INT, EXT)

This unit aims to develop the student's knowledge and understanding of topics in lighting of particular interest to the student. In particular it can aim to give students greater insight into aspects they will cover in their Masters project. It will also help to develop the student's research, organisation and communication skills.

PCN397 Clinical Attachment

Credit Points	6
Campus	null

This is a supervised practical program carried out in an approved medical imaging department. Students are required to undertake specified clinical practice as applicable to their area of specialisation and meet minimum requirements of clinical hours and case scope and numbers. (12 credit points achieved at completion of PCN397-1 and PCN397-2.)

PCN497 Clinical Attachment 4

Pre-requisites	PCN155 and PCN497-1
Co-requisites	PCN259
Credit Points	6
Campus	null

This unit is an essential component of the course as it allows the student to be involved in extensive clinical experience that is complementary to all other units in the course. This unit builds on skills, knowledge and abilities gained in the unit PCN497-1. 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. The aim of the unit is to provide students with the opportunity to develop basic, practical echocardiographic skills in an approved clinical environment, under the direction of a suitably qualified clinical supervisor. (12 credit points achieved at completion of PCN497-1 and PCN497-2.) [Designated unit]

PCN520 Project (Full-time)

Credit Points	48
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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 students 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 the students skills in carrying out research work in the form of a short research project.

PCN540 Project (Part-time)

Credit Points	24
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 (Part-time)

Credit Points	24
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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.)

PCN597 Clinical Attachment 5

Pre-requisites	PCN359 and PCN497-2 and PCN597-1
Co-requisites	PCN459
Credit Points	6
Campus	null

This unit is an essential component of the course as it allows the student to be involved in extensive clinical experience that is complementary to all other units in the course. This unit builds on skills, knowledge and abilities gained in the unit PCN497. 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. The aim of the unit is to provide students with the opportunity to further develop and expand basic, practical echocardiographic skills and to gain experience in advanced techniques in an approved clinical environment, under the direction of a suitably qualified clinical supervisor. [Designated unit]

PCN701 Topics in Advanced Chemistry 1

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

PCN705 Research Methodology

Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit includes a guided program of literature surveys to provide the background information for the research project. This unit enables students to develop verbal and oral communication skills required for the successful conduct of a chemical research project. During the course students will be required to attend and participate in seminars. Students must present two seminars on their own research. (12 credit points achieved at completion of PCN705-1 and PCN705-2.)

PCN705 Research Methodology

Credit Points	6
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit is a guided program of literature surveys to provide the background information for the research project. This unit enables students to develop verbal

and oral communication skills required for the successful conduct of a chemical research project. During the course students will be required to attend and participate in seminars. Students must present two seminars on their own research. (12 credit points achieved at completion of PCN705-1 and PCN705-2.)

PCN710 Chemical Instrumentation

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

For those projects in which instrumental design forms a major part of the research activity a knowledge of the mode of operation of existing chemical instrumentation provides an important basis for further progress. Students will undertake study in chemical instrumentatoin via both practical and theoretical means.

PCN716 Advanced Topics in Physics 2

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit provides a focused theoretical foundation for each students research program or other advanced topics in physics and develops a high level of theoretical understanding of the physical principles involved.

PCN720 Chemometrics

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit includes the following: the concepts of chemical data acquisition and interpretation; computational methods and existing software packages for statistical analysis in chemistry; statistical methods in quality and process control; sampling procedures; multivariate analysis and optimisation techniques.

PCN730 Advanced Physical Methods in Chemistry

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Research projects in chemistry are frequently dependent on instrumental and physical procedures both for monitoring preparative procedures and for studying fundamental chemical phenomena. The aim of this unit is to prepare students to undertake practical work in instrumental and physical procedures.

PCN740 Laboratory Techniques for Preparative Chemistry

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Before an advanced practical project, particularly one involving organic synthesis, is undertaken it is necessary to develop specialised laboratory skills in preparative chemistry so that the candidate can have the confidence to handle and purify the small quantities of often precious material which he will encounter during the project. The aim of work in this unit is to cultivate and deepen understanding of systems and processes related to organic synthesis, to develop and enhance laboratory skills and techniques related to handling and purifying precious materials. Development of these skillsets is designed to lead to competence in designing and undertaking advanced practical work.

PCN801 Topics in Advanced Chemistry 2

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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

Credit Points	12
Campus	null

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

Credit Points	12
Campus	null

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	null

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	null

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.

PQB105 Biological Chemistry

Anti-requisites	SCB113, SCB121
Credit Points	12
Campus	null

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 allow development of the essential concepts of chemistry necessary for bioscience and biomedical students. Topics will be introduced and applied in a contextualised manner relevant to the biological sciences.

PQB312 Analytical Chemistry For Scientists and Technologists

Pre-requisites	SCB131
Equivalents	PCB414
Credit Points	12
Campus	null

This unit addresses three vital theoretical and practical elements of analytical chemistry: quality assurance in a chemical laboratory; principles of chemical sampling; common instrumental techniques. It is a generic unit designed to address the needs and skills of students enrolled in the Chemistry major as well as other majors such as Forensic Science and double degrees in with the Chemistry major. The unit builds on the analytical chemistry concepts introduced in SCB131 Experimental Chemistry. The aim of this unit is to provide students with principles of analytical chemistry, including some common instrumental techniques, which are firmly linked to the theory and practice of the discipline in a modern, working laboratory.

PQB313 Analytical Chemistry For Industry

Pre-requisites	SCB131
Equivalents	PCB314
Credit Points	12
Campus	null

The aim of this unit is to develop fundamental knowledge and skills in the theory and practice of the four areas of classical qualitative and quantitative analysis, namely, gravimetry, titrimetry, spectrophotometry, and electrometric methods, as well as to appreciate the close connection of analytical chemistry to industry and environmental monitoring.

PQB331 Structure and Bonding

Pre-requisites	SCB121 and SCB131
Anti-requisites	PCB334, PCB354
Credit Points	12
Campus	null

This unit provides detailed coverage of the theories of bonding in organic, inorganic and coordination compounds including orbital hybridisation valence bond theory, coordination theory and crystal field theory. The cause and effect relationships between bonding and structure are developed leading to an understanding of structural variability, chirality, and other modes of isomerism for a broad range of chemical compounds. An introduction to molecular symmetry, which is central to the study of molecular geometry and shape, also provides the background for later studies in spectroscopy. Lectures are complemented by 7 laboratory experiments and 4 hands-on style workshops.

PQB350 Thermodynamics of Solids and Gases

Pre-requisites	(PQB250 or PCB250), and (MAB111 or MAB120 or MAB121)
Co-requisites	MAB311
Equivalents	PCB562
Credit Points	12
Campus	null

This unit provides students with an overview of the basic thermodynamic principles that describe how heat and other forms of energy are transported through matter in its solid and gaseous states. Through integrated lecture and practical classes, it provides students with a foundation for more advanced studies later in areas such as condensed matter physics and quantum mechanics. The three areas of study in this unit; thermodynamics, solid state physics and statistical physics; are essential core topics if students are considering postgraduate study in the physical sciences or professional employment as a physicist.

PQB360 Global Energy Balance and Climate Change

Equivalents	PCB563
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

PQB401 Reaction Kinetics, Thermodynamics and Mechanisms

Pre-requisites	PQB331
Anti-requisites	PCB354, PCB405
Credit Points	12
Campus	null

-

PQB404 Nanotechnology and Nanoscience

Pre-requisites	SCB111 and (SCB121 or SCB113)
Equivalents	PCB445
Credit Points	12
Campus	null

Nanotechnology is the science of constructing molecular-scale devices and of their applications. Like biotechnology, it is a growth industry and has the potential to significantly affect our lives and the world in which we live. Nanotechnology is truly interdisciplinary, it draws on the strengths of all the basic sciences. The lecture component of the unit will comprise an introduction to the field of Nanotechnology and Nanoscience, with a bias towards Chemical Technology applications derived from the Physical Sciences. The laboratory component will focus on the techniques currently used to characterise and manipulate nanoscale material and the construction of functional devices from nanoscale, molecule components.

PQB423 Process Principles

Pre-requisites	SCB131
Credit Points	12
Campus	null

This unit will provide students with a knowledge of qualitative and quantitative aspects of Process Principles. These include an overview of chemical reactions involving important processes and the skills to undertake mass and energy balances around a system whether that system be an individual industrial process, a combination of such processes or a natural phenomenon. This knowledge will also enable students to participate in the identification, quantification and solution of problems arising during the day to day operation of industrial processes.

PQB442 Chemical Spectroscopy

Pre-requisites	PQB331
Equivalents	PCB444
Credit Points	12
Campus	null

Spectroscopic techniques are now widespread in scientific laboratories. An appreciation of both the principles and practice of spectroscopy is essential for those contemplating a career in chemistry. The use of spectroscopic methods to elucidate molecular structure provides an excellent vehicle for training in the scientific method, particularly the logical application of experimental data to deduce the solution to a complex problem. Whilst the fundamental theoretical concepts will be dealt with in the early part of the unit, later emphasis will be on developing practical skills in problem solving, a skill of value to all fields of scientific and technological endeavour.

PQB450 Energy, Fields and Radiation

Pre-requisites	PQB250 or PCB250, and MAB311
Equivalents	PCB362
Credit Points	12
Campus	null

The common theme of the topics covered in this unit is fields, the energy contained in these fields and the transfer of this energy. This theme is addressed in the specific topics of classical mechanics, electromagnetism and radiation physics. The classical mechanics and electromagnetism components build on material presented in introductory units and apply this to complex real world problems. The unit is designed to prepare students for more advanced studies in these areas but the unit will also provide a useful background for students undertaking a comajor in Physics or preparing for a career in secondary education.

PQB451 Electronics and Instrumentation

Pre-requisites	PQB250 or PCB250
Anti-requisites	PCB361, PCB460
Credit Points	12
Campus	null

Instrumentation plays an increasingly important role in the life of a scientist. This unit is designed to give the student a working knowledge in instrumentations and the principles of circuit theory and electronics that underlie instrumentation. It is offered at this stage of the program since it relies on work developed in the earlier advanced-level units and provides a basis for experimental work in later units.

PQB460 Astrophysics 1

Pre-requisites	PQB250 or PCB250 or PCB150
Equivalents	PCB469
Credit Points	12
Campus	null

This second level unit is one of the key units in the astrophysics co-major and introduces students to most of the main aspects of astrophysics. This unit is essential as it defines the connections between the supporting units of the co-major. Students are required to use the knowledge and skills developed in first level physics, maths and natural resource units.

PQB502 Advanced Physical Chemistry

Pre-requisites	PQB401
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

A Chemistry graduate in today's highly technological world requires knowledge of the principles that govern the behaviour of solids, liquids, gases, and mixtures thereof. This leads to an appreciation of how fundamental physical chemical principles determine the bulk properties of materials and how the chemical nature of interfaces govern chemical reactions in many important applications. This unit is placed appropriately in fifth semester, following the second year units that provide the basic principles, language and tools of chemistry.

PQB513 Instrumental Analysis

Pre-requisites	PQB312 or PCB414
Equivalents	PCB514
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Units

The aim of this unit is to provide an understanding of modern methods of instrumental analysis; expand practical experience in using major instrumental analysis techniques; develop a critical understanding of some of the limitations of analytical measurements as well as an appreciation of the comparative advantages of instrumental methods and why a certain instrumental method might be preferred over another for particular types of problems; and develop fundamental knowledge and skills in data manipulation and multivariate data analysis.

PQB525 Unit Operations

Equivalents	PCB524, CVB221
Credit Points	12
Campus	null

Having gained an understanding of mass and energy balances in PQB423 you will be able to appreciate the principles underlying the design and operation of the many individual processes, or unit operations, that together make up a large part of any full-scale industrial process. It is vital that Chemists involved in Chemical Technology understand how unit operations work so that they can interact effectively with unit operators and process engineers. An additional role of this unit is to build a knowledge base for the subsequent development of generic skills in Chemical Technology through a problem-solving exercise involving an authentic industrial process in PQB623.

PQB531 Organic Mechanisms and Synthesis

Pre-requisites	PQB401, PQB442
Anti-requisites	PCB554
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The synthesis of molecules from smaller parts is the ultimate expression of our knowledge of organic reactions and their mechanisms. In order to understand the diverse range of reagents and reactions used sequentially in synthesis, fundamental knowledge of key reaction mechanisms and reactivity patterns of organic molecules is essential. These topics are both intellectually challenging and of fundamental importance in the real world. Whether the context is the formation of totally new molecules, or the routine preparation of any of a vast array of useful products such as medicines, cosmetics, agrochemicals, plastics, dyes, foodstuffs etc., organic synthesis is vital to our modern lifestyle. This unit builds on the fundamentals of structure and bonding, reaction mechanisms and structure determination covered in previous units, so this unit is programmed in the fifth semester.

PQB550 Quantum and Condensed Matter Physics

Pre-requisites	PQB350 and (MAB134 or MAB311)
Equivalents	PCB561
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to provide students with an understanding of quantum theory, from its historical development through to its realisation in terms of modern wave mechanics, and its application to spectroscopy and electronic properties of condensed matter.

PQB551 Physical Analytical Techniques

Pre-requisites	(PQB350 or PCB462) and (MAB112 or MAB122)
Equivalents	PCB562
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Modern methods of physical analysis are an important tool for the physical scientist. This unit provides an introduction to the physical principles and applications in three fields of analysis: X-ray diffraction, analytical electron microscopy and physical spectroscopy. Each of these topics encompasses a variety of measurement techniques. The methodologies presented have wide application in a number of areas of science and technology including nanotechnology and materials research and development. Lectures are supplemented by laboratory practicals to enable students to gain familiarity and experience with the instrumentation.

PQB584 Forensic Physical Evidence

Pre-requisites	PQB312, SCB384
Anti-requisites	PCB584
Credit Points	12
Campus	null

This unit provides a theoretical and practical framework to introduce you to the physical evidence processing techniques of questioned documents and computer forensics and the forensic examination techniques of optical and electron microscopy. The unit will also discuss the physical and chemical structure of some common types of physical evidence (fibres, fabrics & severance, soils and physical fits) and the analytical methods used for their analysis. It is placed appropriately in the fifth semester of the course to coincide with and complement the Instrumental Analysis unit PQB513 which the core knowledge for the instrumental techniques used within the forensic analysis of various types of physical evidence.

PQB631 Advanced Inorganic Chemistry

Pre-requisites	PQB331
Equivalents	PCB634
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Major topics covered are as follows: organometallic chemistry, including metal-carbon bonding, main group and transition metal organometallics and applications of organometallic compounds in synthetic chemistry; bioinorganic chemistry; physical methods of structure determination, such as single crystal X-ray diffraction; chemical applications of group theory.

PQB642 Chemical Research

Pre-requisites	4 Advanced Level Chemistry units
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit addresses a selection of topics in advanced chemistry from a range of evolving areas of relevance in modern chemistry and chemical technology such as nanotechnology, drug design, free-radical chemistry and trace metal speciation in environmental and biological systems. It includes the important issue of the societal and ethical implications of the profession of chemistry.

PQB650 Advanced Theoretical Physics

Pre-requisites	(PQB350 or PCB462) and (PQB550 or PCB561)
Equivalents	PCB665
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Advanced electromagnetism, magnetism of materials and magnetic resonance, and advanced statistical mechanics are the fundamental topics for any advanced-level Physics degree. They provide fundamental background knowledge and problem solving skills that are essential in any area of modern theoretical, experimental, and applied physics. This unit also provides you with an essential platform for further studies and research in physics and applied physics in Honours and at the post-graduate level. The aim of this unit is to provide you with an advanced understanding of fundamental physical phenomena related to electro-magnetism and wave propagation, quantum and statistical basis of nuclear magnetism and magnetic resonance, statistical mechanics, quantum statistics, and general statistical thermodynamics.

PQB651 Experimental Physics

Pre-requisites	PQB451 or PCB460
Equivalents	PCB661
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit represents the culmination of the students experiences in undergraduate experimental work. The unit is offered in the final year of study to take advantage of and integrate the skills acquired in previous units. The student is given the opportunity to select three experiments to be undertaken from a series of extended experiments in the areas of physics research undertaken at QUT.

PQB660 Astrophysics 2

Pre-requisites	PQB250 or PCB250 or PCB150
Equivalents	PCB669
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Theoretical astrophysics and cosmology are at the forefront in developing comprehensive physical understanding of our world, including natural links between macro and micro processes in the Universe. This third level unit is one of the key units in the astrophysics co-major, that presents an advanced undergraduate course in modern theory of gravitation, space-time concept, cosmology, and their relationship with other areas of contemporary physics. You will be required to use the knowledge and skills developed in first and second level physics and maths units. This unit is the 'cap-stone' of the astrophysics co-major. The main aim of this course is to introduce you to one of the most challenging and exciting topics in modern

physics - theory of gravitation and relativistic cosmology.

PQB661 Lasers and Photonics

Pre-requisites	(PQB251 or PCB260 or EEB340 or ENB242 or ENB343) and (MAB311 or MAB233)
Equivalents	PCB664
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Laser and photonic technologies are rapidly maturing areas responsible for creating new industries and employment opportunities for scientists and engineers in the areas of information technology, manufacturing, sensing and health. In particular, the vast global optical communications industry has dramatically increased information transport rates through the development of new laser sources and photonic devices. At the heart of all advances in photonics is a greater understanding of light-matter interactions and the processes used to fabricate devices. This unit is offered to science and engineering students who seek to understand the physical principles underpinning lasers and photonic devices and their use in a range of optical technologies.

PQB680 Forensic DNA Profiling

Pre-requisites	SCB384
Equivalents	LQB680
Credit Points	12
Campus	null

The individuality of human beings is manifested at the molecular level in terms of our DNA, proteins and antigens. Techniques in molecular genetics are most commonly used to detect this individuality in biological samples, such as blood, semen, hair, teeth, bone or saliva. This is one of the final units in the forensic science major, which will draw together knowledge and understanding gained in previous studies. The aim of this unit is to develop your understanding of the application of DNA technologies to human identification for forensic purposes such as crime, parentage testing and the identification of human remains, as well as the issues related to presenting DNA evidence to court.

PQB684 Forensic Analysis

Pre-requisites	PQB513 or PCB514
Equivalents	PCB684
Credit Points	12
Campus	null

This unit provides a theoretical and practical framework for forensic analysis and toxicology. It includes topics such as nature and abuse of drugs; introduction to pharmacology and toxicology; illicit drugs and trace evidence; the application of GC, MS and IR in forensic examination; examination of trace evidence. Substantial laboratory and workshop sessions complement the theory.

PUB100 Medical Terminology, Anatomy and Physiology

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

-

PUB101 Introduction to Clinical Classification

Pre-requisites	PUB100
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

-

PUB104 Australian Health Care Systems

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

PUB105 Socio-Ecological Perspectives on Family Health and Well-Being

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit explores the diversity of Australian families to provide an understanding of the social structures that impact on families and the ways in which families influence the health, development and well-being of family members across the life course.

PUB202 Advanced Clinical Classification

Pre-requisites	PUB101
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit will allow students to build on their introductory 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). Students will refine skills in abstraction of data from source documents and understand the need to access feeder information systems to support coding.

PUB204 Resourcing and Managing Health Budgets

Anti-requisites	PUB480,PUB609
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (EXT, INT)

This unit consolidates knowledge about health resource allocation and management at the macro (health system) and micro (health service) level. At the macro level you will learn about the context and drivers of health resource allocation to benefit the health of groups and populations and the means of determining priorities in the face of competing demands for scarce resources. Australian and international case studies are used to compare and contrast resource allocation policy positions based on the principles of efficiency, effectiveness and equity. You will learn about historical and contemporary Australian health care financing and funding models that determine health budget allocation at the micro (health service) level and develop a sound understanding of the principles, processes and practice of financial management, including governance, costing, budgeting, financial performance reporting and analysis.

PUB208 Understanding Health Information

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This aims to provide students with an understanding and appreciation of the diversity of health information resources available; the benefits of high-quality and standardised health information for positive health outcomes and the management of health services; and the various technology platforms available (including telecommunications and the internet). Students develop data organisation and management skills relevant to systems within the health industry context.

PUB209 Health, Culture and Society

Equivalents	NSB017
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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. The unit introduces students 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 health experiences of health, illness and health systems are integral parts of 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
Teaching Periods	2014 SEM-2 (INT)

In this unit students will gain an understanding of: the structure of the Public Health workforce; the professional frameworks and future career pathways available; the 'Practice Profiles' of graduates specialising in specific fields in Public Health; the ways in which Public Health graduates work collaboratively with other professionals in this field; and the workplace experience including professional roles, ethical responsibilities and practical skills of graduates.

Units

PUB251 Contemporary Public Health

Anti-requisites	PUN106
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit provides an introduction to the following: the philosophy and approach of public health; the traditional public health process; the multidisciplinary nature of public health; and health policy and its impact on public health. Recent reformulations of traditional public health approaches including health promotion, intersectoral action for health and healthy public policy are examined. The role of public health in Australia and overseas, its main discipline components and some of the constraints faced by public health is also addressed. This unit considers groups with special needs and contemporary issues.

PUB326 Introduction to Epidemiology

Anti-requisites	HLN710
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

Epidemiology is the core scientific method of public health. It is the study of the distribution of health and disease in the population and includes research into causes of disease and the effectiveness of public health programs. Epidemiological methods are used to generate the evidence base for clinicians, health promotion specialists, health educators, occupational and environmental health officers and health service managers.

PUB332 Sustainable Environments For Health

Anti-requisites	PUB107
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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.

PUB406 Health Promotion Practice

Pre-requisites	PUB251 or PUB530
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit ties together the fundamental health promotion knowledge and constructs covered in earlier units in the public health subject area. It builds upon this basis 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. Students undertake a small health promotion project in groups of 3-4. 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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

PUB436 Evidence Based Practice

Credit Points	12
Campus	null

This unit equips students with the skills to identify, critically analyse and evaluate evidence, and to implement evidence-based practice within thier chosen profession.

PUB461 Qualitative Inquiry in Public Health

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

PUB480 Health Administration Finance

Credit Points	12
Campus	null

This unit addresses the following: financial administration and resource/financial distribution within the Commonwealth and State governments; financial management in the health industry; financial analysis; planning and budgeting; working capital management in the health industry; health care financial performance and evaluation; and methodologies for costing health services.

PUB490 Quality Management in Health

Pre-requisites	Completion of 96cp
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (EXT, INT)

Quality is integral to all aspects of healthcare delivery. Knowledge and understanding of the concepts of quality management, and the ability to perform quality processes are essential for all health care professionals. This unit provides students 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. The principles underpinning evidence based medicine and clinical pathways (including variance analysis) are presented, methods of health care performance measurement are explored, and a clinical quality framework model is introduced.

PUB514 Contract/Project Management

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

This unit aims to prepare students for participation in contract and project management in the health sector. The unit provides advanced undergraduate students with an opportunity to develop an understanding of health project contract management using both theoretical and practical examination of current state and national contracts and projects.

PUB530 Health Education and Behaviour Change

Anti-requisites	PUB329, PUB341
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit gives students 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.

Units

PUB545 Health Policy, Planning and Advocacy

Pre-requisites	Completion of 192cp
Anti-requisites	PUB511
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

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
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

An understanding of basic statistical concepts and the ability to analyse and interpret quantitative data is an important skill for all graduates in health-related disciplines. An understanding of descriptive statistics is required to effectively summarise and communicate important information in data. Inferential statistics, used to test scientific hypotheses and interpret results beyond the immediate data, are the hallmark of quantitative studies. An understanding of the principles underpinning both types of statistical methods is critical not only for the analysis of data, but also for the critical appraisal of scientific literature.

PUB565 International Health

Pre-requisites	PUB251
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

PUB739 Podiatric Medicine 5

Pre-requisites	PUB537 and PUB538 and PUB638 and PUB639
Anti-requisites	PUB740, CSB545
Credit Points	12
Campus	null

The aim of this unit is to provide you with the diagnostic and treatment skills necessary to manage patients with more complex conditions, introduce contemporary issues in podiatry including national and international issues, and to encourage you to critically evaluate the medical literature to inform your clinical decisions. [Designated unit]

PUB839 Podiatric Medicine 6

Pre-requisites	PUB738, PUB739 and PUB838. PUB838 may be taken concurrently.
Anti-requisites	PUB840, CSB546
Credit Points	12
Campus	null

The aim of this unit is to ensure students are able to demonstrate adequate knowledge and skills expected for entry into the podiatry profession.

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
Teaching Periods	2014 SEM-2 (INT)

This unit is undertaken by students in the public health, and nutrition and dietetics strands of the BHlthSc. It provides students with the opportunity of working in one or a number of placements in a professional capacity in an area of interest to the student. It provides an opportunity for students to apply the knowledge and skills acquired through their course to a practical problem or workplace situation.

PUN001 Contemporary Risk Management

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This unit examines how a risk management program adds value to an organisation. As an integral part of the management process, risk management underpins the approaches taken in a wide variety of discipline areas whether their primary focus be health care, occupational health and safety or management generally. The principles of risk management underpin many of the concepts that you will explore as part of your course.

PUN015 Environmental Management and Sustainability

Pre-requisites	PUN465
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (EXT, INT)

-

PUN016 Risk Assessment

Anti-requisites	PUN008 and PUN467
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (INT, EXT)

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.

PUN103 Advanced Epidemiology

Pre-requisites	PUB326 or HLN710
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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

Credit Points	12
Campus	null

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

Anti-requisites	PUB251
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This unit addresses some of the significant issues of population health including the complex relationship between health and social, economic, political and lifestyle factors and social disadvantage and health. It examines contemporary concepts of health and illness also draws on international examples. Potential health issues facing Australia and the world, such as the aging of the population, the impact of genetic technology on health and the health of specific sub-populations are also examined.

PUN210 Fundamentals of Health Management

Credit Points	12
Campus	null

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 that you can use 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.

PUN211 Health Care Finance and Economics

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

The unit develops analytical skills and understanding of micro- and macro- economics as they apply to health and of accounting and financial management decision-making principles and processes. It offers an overview of the financial structure of the Australian Health Care system and the context in which it operates. It also offers an understanding of the basic concepts and tools of economic analysis and introduces concepts that are essential in understanding financial resource management, health and health care.

PUN212 Understanding Health Information

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

This unit provides an introduction to the field of health information and its uses and applications in the health industry. It 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 Introduction to Quality Management in Health

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

The aim of the unit is to assist students to develop 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.

PUN214 Systems of Quality and Safety in Health Care

Pre-requisites	PUN213 which can be undertaken concurrently
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT)

This unit examines the application of quality and safety systems to ensure patient safety in health care environments. It covers quality certification and accreditation systems, their coverage and application to different health care settings, safety systems and models, performance management and case studies.

PUN219 Leadership of Quality and Safety in Health Care

Pre-requisites	PUN213
Credit Points	12
Campus	null

This unit is the third in the Quality and Patient Safety major. 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 and 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
Teaching Periods	2014 SEM-1 (INT, EXT)

Occupational Health and Safety involves the whole organisation, with particular roles attributed to employees and management, the latter bearing responsibility for the development, instigation, maintenance and control of workplace health and safety programs with a preventative emphasis. Advanced knowledge of essential elements of the Occupational Health and Safety legislative and management framework forms an important part of modern management practice.

PUN363 Environmental Health Law

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

Legal frameworks, such as the Public Health Act 2005, the Environmental Protection Act 1994, the Sustainable Planning Act 2009, 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
Teaching Periods	2014 SEM-2 (EXT, INT)

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	null

This unit elaborates the principles and practice of disaster management for health. The unit will develop your knowledge and understanding of the principles and practice of disaster health management and your ability to evaluate the effectiveness of current arrangements and your ability to apply those principles to system preparedness. This will equip you to contribute significantly to improving health service's ability to effectively prepare for and manage such incidents

PUN452 Disaster Health Planning and Preparedness

Pre-requisites	PUN451. PUN451 may be enrolled in the same teaching period as PUN452
Credit Points	12
Campus	null

This unit seeks to develop your in depth understanding and ability to evaluate the systems, structures and processes required to ensure health services and the communities they serve are prepared for disasters that threaten the health and wellbeing of the community.

PUN453 Disaster Health Response and Recovery

Credit Points	12
Campus	null

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 health services following disasters.

PUN454 Leadership in Disaster Health Management

Pre-requisites	PUN451

Credit Points	12
Campus	null

This unit develops your capacity to lead and manage a health service so that it 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
Teaching Periods	2014 SEM-1 (INT, EXT)

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
Teaching Periods	2014 SEM-2 (INT, EXT)

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	Gardens Point and External
Teaching Periods	2014 SEM-1 (EXT, INT)

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 Environmental Health Management

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

In Australia environmental health hazards are predominantly managed by government agencies using education, policy, legislation and funding. To successfully manage environmental health hazards, the practitioner needs to be able to communicate effectively and select and implement appropriate tools and management strategies. This unit is therefore designed to integrate the theory and practice covered in other environmental health units, and equip students with management and communication tools and strategies that can be applied in a range of contexts. Topics covered in this unit include community public health planning, program evaluation, project management, environmental health research, management tools, professional communication and professional development.

PUN620 Concepts of Environmental Health

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

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
Teaching Periods	2014 SEM-2 (INT, EXT)

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
Teaching Periods	2014 SEM-1 (INT, EXT)

Healthcare Systems and Reform provide students with an understanding of health care systems, the factors that influence their design and operations and how those systems are changing to meet the challenges of the future.

PUN688 International Health Policy and Management

Pre-requisites	PUN640
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (INT, EXT)

This unit focuses on the international political and social context of health policy development. Drawing on case studies globally, several key concepts in health and challenges are critically examined to highlight the complexities involved in policy making. This unit will also cover how to evaluate a health program and the importance of using approaches and methods that are appropriate for diverse populations and health areas.

PUP032 Intervention Design and Theories of Change

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (INT, EXT)

This unit examines theories of change as they impact on health promotion and health education practice and the development and implementation of public health interventions. The unit addresses the strengths and weaknesses of change theory into practice and explores the nature of individual, group and organisational change strategies in public health and health promotion.

PUP034 Advanced Studies and Practice in Health Promotion

Pre-requisites	PUP032
Anti-requisites	PUN613, PUP023
Credit Points	12
Campus	null

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 Program Evaluation

Pre-requisites	PUP032 and PUP034. PUP034 can be studied in the same semester as PUP037
Credit Points	12
Campus	null

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 Contemporary Health Promotion

Credit Points	12
Campus	null

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 Ergonomics

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2014 SEM-2 (EXT, INT)

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, 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 professional.

PUP250 Occupational Hygiene

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-2 (EXT, INT)

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
Teaching Periods	2014 SEM-1 (EXT, INT)

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.

PVB101 Physics of the Very Large

Anti-requisites	PCB150
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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.

PVB201 Instrumentation

Anti-requisites	MAB111, MAB121, MAB126, MAB131, MAB182, MAN121
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Instrumentation plays an increasingly important role in the life of a scientist. This unit is designed to build on your mathematical knowledge and provide a working knowledge of instrument design and the principles of circuit theory and electronics that underlie instrumentation. It builds on prior maths study in Maths C, MAB120 or equivalent.

PVB202 Mathematical Methods in Physics

Pre-requisites	PVB101 or PQB250
Anti-requisites	MAB112, MAB127, MAB132, MAN122
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Strong computational and 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/computational setup, and reporting. You will undertake several self managed experiments along with supervised practicals using research equipment.

PVB204 Electromagnetism

Pre-requisites	PVB200 or MXB105
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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.

Units

PVB220 Cosmology

Equivalents	PQB660
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

PVB420 Cosmology

Credit Points	12
Campus	null

PYB000 Psychology in Professional Contexts

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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 Interpersonal Processes and Skills

Anti-requisites	PYB074, HHB113, PYB111
Credit Points	12
Campus	Gardens Point, Kelvin Grove and Caboolture
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit gives you an introduction to the factors that contribute to effective communication, both personally and professionally. This unit adopts a multidisciplinary allied health approach to consider how characteristics such as self-regulation, self-esteem and perceptual biases, or experiences such as trauma, culture and technology can influence our capacity to communicate effectively.

PYB054 Psychology and Gender

Pre-requisites	Completion of 48cp of PYB units including one of PYB012, PYB101, PYB102 or PYB100
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit asks 'What is gender?'. It includes theories of gender; male and female; masculine and feminine; roles versus power; counselling issues; old and new paradigms; history of psychology of gender; sexuality; mothers and fathers; psychology constructs the female; psychology in patriarchal discourse; family therapy theory and feminist critiques; psychological constructs and the media; film and media; psychology of gender and power.

PYB067 Human Sexuality

Pre-requisites	Completion of 96 credit points including PYB100, PYB110, and PYB102
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit explores historical approaches to studying, explaining and regulating human sexuality with an awareness of the social nature of definitions of 'normal' or 'acceptable' sexual behaviours. Students critically examine definitions of 'healthy' or 'morally acceptable' or 'normal' sexuality. Different models of sexuality are considered with an emphasis on contemporary critiques of the traditional paradigms of sexuality in the West.

PYB100 Foundation Psychology

Anti-requisites	PYB012
Equivalents	PYB101
Credit Points	12
Campus	Gardens Point and Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit provides an introduction to the major content areas of psychology, including an introduction to psychological research and report-writing, for students intending to pursue further studies in psychology. Psychology is a broad-ranging and multifaceted discipline which encompasses the scientific study of human behaviour, and the systematic application of knowledge gained from psychological research to a broad range of applied issues. The goal of this introductory unit is to introduce you to the major subfields and perspectives in psychology, and to develop your understanding of the research methods and report-writing conventions used in psychological research.

PYB102 Introduction to Psychology 1B

Pre-requisites	PYB100 or PYB101
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Introduction to Psychology 1B extends the introduction provided in Introduction to Psychology 1A to psychology as the scientific study of human behaviour. 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	BEB123
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SUM-2 (INT); 2014 SEM-2 (INT)

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 and regression; an introduction to hypothesis-testing procedures using t-tests.

PYB159 Alcohol and Other Drug Studies

Anti-requisites	PYB158
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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) or (Admission into PY08)
Equivalents	PYB205
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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) or (Admission into PY08)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit provides an introduction to life span developmental psychology. It 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 or PYB102) and PYB110) or (Admission into PY08)
Equivalents	PYB303
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

PYB207 Psychology in the Community

Pre-requisites	PYB202 and PYB203 and PYB204 and PYB210
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 maybe 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.

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
Teaching Periods	2014 SEM-2 (INT)

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 or Admission into PY08
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit takes a research design approach to data analysis. This means that quantitative and qualitative analyses are treated as one step in a larger process which includes formulating theoretically sound research questions or hypothesis, selecting suitable research methodologies, data collection methods and analyses to answer research questions or test hypothesis, and reporting the outcomes.

PYB215 Forensic Psychology and the Law

Pre-requisites	PYB012, PYB101, PYB102 or PYB100
Anti-requisites	JSB174
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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 aout 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.

PYB302 Industrial and Organisational Psychology

Pre-requisites	PYB205 or PYB202
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Participation in the workplace is an integral component in the lives of most people. It is important therefore to understand the behaviour of people, individually and collectively, within the workplace. Industrial and organisational psychologists are concerned with advancing the knowledge of the relationship between people and work, and using this knowledge to promote the effective organisation of human resources.

PYB304 Physiological Psychology

Pre-requisites	(PYB102 or PYB101 or PYB100) or (Admission into PY08)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit aims to provide a broad introduction to the area of neuropsychology and discusses both the clinical and cognitive approaches in the field. Three broad areas are covered: neuroanatomy, neuropathology, the cognitive analysis of resulting deficits. Students learn about major neuroanatomical structures and their interconnections, with an emphasis on how this information is applied in the clinical setting. They also study a number of neuropsychological disorders in terms of their diagnosis, assessment and treatment, as well as the psychosocial effects such deficits have on the patients.

PYB306 Psychopathology

Pre-requisites	(PYB012 or PYB101 or PYB102 or PYB100) or (Admission into PY08)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This core unit is designed to develop your understanding of psychopathology and your critical appreciation of notions of abnormal human behaviour.

PYB307 Health Psychology

Pre-requisites	PYB100, PYB101 or PYB102
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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 particular emphasis 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); medical settings and patient behaviour; patient and practitioner communication; stress, illness, and coping; pain and pain management; chronic and terminal illness in childhood and adulthood.

PYB309 Individual Differences and Assessment

Pre-requisites	(PYB100 or PYB101 or PYB102) or (Admission into PY08)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Individuals differ on a broad range of characteristics that are influenced by many factors including culture, sex, intelligence, personality, life experiences and values. There are a number of ways, within the discipline of psychology, to conceptualise and explain these differences. In this unit we introduce the major theories that underpin explanations of individual differences and the ways in which those who hold to different perspectives seek to measure the various constructs. Important properties of measurement tools such as reliability and validity will also be covered as well as the utility and applicability of various measures.

PYB350 Advanced Statistical Analysis

Pre-requisites	PYB210
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The unit provides students considering further study in psychology with a thorough grounding in analysis of variance techniques,an introduction to multiple regression, and the data analysis tools used in a broad range of research designs in the social sciences. The unit extends the introduction to analysis of variance and regression provided in PYB210, considering more complex designs involving two or more independent variables. The unit is both theoretical (including the use of conceptual formulae to analyse simple data sets by hand) 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
Teaching Periods	2014 SEM-1 (INT)

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.

PYB359 Introduction to Family Therapy

Pre-requisites	PYB208
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

PYB371 Introduction to Road Safety

Pre-requisites	Completion of 96cp
Credit Points	12
Campus	null

This unit introduces the key principles and practices in road safety. Special emphasis is given to the broad context of road use/transport in society and the economic and social implications of road crashes. It introduces the basics of information retrieval, road crash analysis and interpretation, and the strategic development of road safety countermeasures.

PYB372 Traffic Psychology and Behaviour

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit is an elective unit within the Bachelor of Behavioural Science (Psychology). Content 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. The student examines a range of theoretical models which have been used to explain the behaviour of road users, especially high risk behaviours. The behaviour of all types of road users will be addressed, including motor vehicle drivers and passengers, motorcycle riders, cyclists and pedestrians.

PYB374 Applying Traffic Psychology

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit is an elective unit within the Bachelor of Behavioural Science (Psychology). The unit focuses on understanding human factors in road safety with an emphasis on the strategies and programs that have been used in an attempt to modify road user behaviour. The unit provides an overview of the different criteria and methods commonly used to assess the effectiveness of road user behaviour programs in order to facilitate a comparison of effective and ineffective approaches.

PYB400 Thesis (Part 2)

Pre-requisites	PYB401
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

PYB400 Thesis (Part 3)

Pre-requisites	PYB401
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

Units

PYB400 Thesis (Part 1)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

PYB400 Thesis (Part 4)

Pre-requisites	PYB401
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

PYB401 Advanced Research Methods

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

PYB402 Counselling Psychology

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

As one of the advance 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

PYB403 Cognitive Neuropsychology

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

PYB404 Issues in Social Developmental Psychology

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

As one of the four advanced electives in this program, this unit is designed to extend the students understanding of developmental issues across the lifespan with the special emphasis on the socio-cultural context in which development occurs. 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.

PYB405 Advanced Organisational Psychology

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit is one of four advanced electives in the course. It is designed to enhance and build upon the knowledge of organisational psychology gained in foundation units in this area. Through a range of applied assessments including a consultancy project with an organisation, this unit gives student's the opportunity to develop skills in applying organisational psychology theory to a workplace setting.

PYB407 Research and Professional Development Seminar

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This course 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.

PYB450 Research Thesis (Part 3)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The thesis component of the graduate diploma program comprises three 12 credit point units leading to the submission of a 36 credit point research thesis. The thesis units provide an opportunity synthesise and apply the knowledge gained in your undergraduate degree and other units within the program. You will undertake a research project that makes a contribution to knowledge to 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.

PYB450 Research Thesis (Part 2)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The thesis component of the graduate diploma program comprises three 12 credit point units leading to the submission of a 36 credit point research thesis. The thesis units provide an opportunity synthesise and apply the knowledge gained in your undergraduate degree and other units within the program. You will undertake a research project that makes a contribution to knowledge to 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.

PYB450 Research Thesis (Part 1)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The thesis component of the graduate diploma program comprises three 12 credit point units leading to the submission of a 36 credit point research thesis. The thesis units provide an opportunity synthesise and apply the knowledge gained in your undergraduate degree and other units within the program. You will undertake a research project that makes a contribution to knowledge to 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.

PYN000 Counselling Studies 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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-focussed relationships.

PYN002 Counselling Studies 2

Pre-requisites	PYN000
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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 unots 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
Teaching Periods	2014 SEM-2 (INT)

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
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit focuses on relationship counselling. It explores the historyand 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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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 (Part 2)

Pre-requisites	PYN014 and PYN006
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 (Part 3)

Pre-requisites	PYN014 and PYN006
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 (Part 1)

Pre-requisites	PYN014 and PYN006
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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	PYN004
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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	PYN001
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit aims to prepare students for the reflecting team counselling practice and associated individual project work in the 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.

PYN021 Research Thesis 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The aim of the research thesis 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. This Unit will focus on introducing you to contemporary research methodologies and program evaluation. In addition, you will be required to develop a research proposal and submit an ethics application involved in undertaking your research, as part of the unit.

PYN022 Research Thesis 2

Pre-requisites	PYN021
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

PYN023 Research Thesis 3

Pre-requisites	PYN022 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 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, a specialised area of psychology and to make a contribution to the professional literature in clinical psychology.

PYN024 Research Thesis 4

Pre-requisites	PYN023 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit provides students 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

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit provides students with the opportunity to develop psychodiagnostic assessment and clinical skills. Students undertake 250 hours of psychological practice including at least 60 hours of direct client contact in the QUT Psychology Clinic.

PYN036 Supervised Practicum Stage 2

Pre-requisites	PYN035
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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	PYN036
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This core unit of the Master of Clinical Psychology course is intended to provide students with the opportunity to build on previous placements and to develop higher level psychodiagnostic assessment and clinical skills.

PYN038 Supervised Practicum Stage 4

Pre-requisites	PYN037
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This core unit of the Master of Clinical Psychology course builds on PYN037 and provides the opportunity to develop advanced psychodiagnostic

assessment and clinical skills.

PYN039 Health Psychology and Rehabilitation

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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, rehabilitation and psychopharmacology. 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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The aim of this unit is to provide you with a theoretical grounding and practical skills in brief psychodynamic and interpersonally-based psychotherapies and their application within an integrative framework.

PYN045 Clinical Psychological Interventions 3

Pre-requisites	PYN044
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This core unit covers the theories and skills of systemic, narrative and solution-focussed approaches required for relationship counselling and family therapy. The unit has a practical emphasis on common child-focussed and adult-focussed problems. The unit will examine the implications of each of the approaches from an evidence-based practice perspective.

PYN052 Research Thesis (Part 8)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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 (Part 7)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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 (Part 6)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 (Part 4)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 (Part 3)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 (Part 5)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 (Part 2)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 (Part 1)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

PYN053 Advanced Integrative Psychotherapy

Credit Points	12
Campus	null

This unit provides an advanced understanding of the mechanisms of change, supported by empirical evidence and research methodologies, within an integrative psychotherapy framework. Content includes analysis of the assumptions and processes of therapist-client communication and the ways in which the reciprocal nature of communication affects the therapeutic process.

PYN054 Advanced Assessment Across the Lifespan

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit will explore cognitive function across the lifespan, moving from pre-natal issues to the elderly. It will explore both acquired and developmental conditions that impact upon cognitive function. This will take place through lectures, review of cases and formulation of conclusions.

PYN601 Counselling and Consultation in Educational and Developmental Psychology

Pre-requisites	EDN631. EDN631 can be studied in the same teaching period as PYN601
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

PYP401 Introduction to Road Safety

Credit Points	12
Campus	null

This unit introduces the key principles and practices in road safety. Special emphasis is given to the broad context of road use/transport in society and the economic and social implications of road crashes. It introduces the basics of information retrieval, road crash analysis and interpretation, and the strategic development of road safety countermeasures.

PYP402 Traffic Psychology and Behaviour

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT)

This unit reviews the wide range of factors that influence the behaviour of road users, particularly those that contribute to the incidence of road crashes or exacerbate their severity. It considers all types of road users, including motor vehicle drivers and passengers, motorcycle riders, cyclists and pedestrians. A range of theoretical models are examined which have been used to explain the behaviour of road users.

PYP404 Applying Traffic Psychology

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (INT, EXT)

This unit reviews the various strategies and programs designed to modify road user behaviour. Effective and ineffective approaches is compared, in order to identify the key characteristics of successful programs. While this is a stand-alone unit, it extends many of the theoretical and practical issues covered in PYP402 - Traffic Psychology and Behaviour.

PYP405 Road Safety Evaluation Models

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit introduces the models and methods used to evaluate behaviour change interventions. In particular, itaddresses the systematic application of social and behavioural research methodologies to improve the planning, implementation and monitoring of behavioural road safety programs and counter measures.

Units

PYP406 Road Safety Theory to Practice

Pre-requisites	PYP401
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT); 2014 SEM-2 (INT, EXT)

This unit is undertaken in the latter half of both the Graduate Certificate and Graduate Diploma courses and draws together the various themes developed during the program. It is designed to provide students with an opportunity to study and respond to an existing or emerging road safety problem. The student is required to draw on the knowledge and skills they have developed to investigate and recommend solutions to the problem. As far as possible, the unit is designed to reflect the way road safety problems are approached and managed by road safety agencies.

PYP407 Independent Study

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2014 SEM-1 (EXT, INT); 2014 SEM-2 (EXT, INT)

This unit enables students to undertake an independent study based in their places of work. Individual supervision and objective feedback on the experience is an important component of the learning experience.

PYP408 Road Safety Audit - Investigation and Treatment of Crash Locations

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Road Safety Audit is a powerful tool for improving the safety of the road network in a proactive manner. It complements the more traditional reactive approaches such as black spot programs. Although Road Safety Audit has been utilised by Australian road authorities for a number of years, there remains a lack of suitably skilled people to conduct the audits. Consequently, the road authorities (through AUSTROADS) have developed national criteria for the Accreditation of Road Safety Auditors, which include the completion of an approved training course and the obtaining of relevant experience. This course has been designed in conjunction with the Queensland Department of Main Roads to satisfy all the requirements for an approved road safety audit course.

QCD110 Professional Communication 1

Anti-requisites	QCD111, QCD120
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT), 2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

A high level of English communication skills is essential for success in an Australian higher education context. International students need to become competent users of the English language in the four macroskills of listening, speaking, reading and writing to succeed in their undergraduate degrees. The aim of this unit is to provide students with the academic and English communication skills required for success in tertiary studies at the undergraduate level. It provides strategies for understanding, composing and presenting information in an academic context.

QCD111 Communication 1

Equivalents	QCD110, QCD120
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT), 2014 13TP3 (INT); 2014 13TP1 (INT)

A high level of English communication skills is essential for success in an Australian higher education context. This unit is designed to give you a stronger grounding in, and understanding of the learning process. It will develop your English communication skills (reading, writing, listening and speaking). You will also learn skills for carrying out scholarly research, and communicating it in written and spoken form in a post-graduate academic context. The aim of this unit is to improve your skills in academic English and learning so that you can interact more confidently within a post-graduate learning community.

QCD120 Professional Communication 1

Equivalents	QCD110, QCD111
Credit Points	12
Campus	null

A high level of English communication skills is essential for success in an Australian higher education context. International students need to become competent users of the English language in the four macroskills of listening, speaking, reading and writing to succeed in their undergraduate degrees. The aim of this unit is to provide students with the academic and English communication skills required for success in tertiary studies at the undergraduate level. It provides strategies for understanding, composing and presenting information in an academic context.

QCD210 Professional Communication 2

Pre-requisites	QCD110. QCD110 can be studied in the same teaching period as QCD210.
Equivalents	QCD211, QCD220
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT), 2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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 undergraduate 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 that will enhance their competency in terms of their use of these genres.

QCD211 Communication 2

Pre-requisites	QCD111. QCD111 can be studied in the same teaching period as QCD211
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT), 2014 13TP3 (INT); 2014 13TP1 (INT)

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.

QCD220 Professional Communication 2

Pre-requisites	QCD120
Equivalents	QCD210, QCD211
Credit Points	12
Campus	null

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. They will need to become competent users of these genres to succeed in their undergraduate 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 that will enhance their competency in terms of their use of these genres.

QCE003 English for Academic Purposes for Direct Entry to QUT

Credit Points	48
Campus	Kelvin Grove
Teaching Periods	2014 12TP1 (INT), 2014 12TP2 (INT); 2014 12TP3 (INT)

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 English for Academic Purposes for QUTIC Courses

Credit Points	48
Campus	Kelvin Grove
Teaching Periods	2014 12TP1 (INT), 2014 12TP2 (INT); 2014 12TP3 (INT)

Units

This unit is designed to help you gain entry to University Entry programs (Foundation and University Diploma). Its purpose is to improve your English language and study skills in order to prepare you for independent study and to familiarise you with the Australian academic environment. The aims of the EAP unit are to: assist you to upgrade your English proficiency level in speaking, listening, reading and writing to meet university entry requirements; prepare you for independent study and to familiarise you with an Australian academic context.

QCE007 English for Academic Purposes Advanced

Credit Points	48
Campus	Kelvin Grove
Teaching Periods	2014 12TP1 (INT); 2014 12TP3 (INT)

The English for Academic Purposes Advanced course helps international students to upgrade their English proficiency level and to meet university entry requirements. This course is designed to prepare students for independent study and to familiarise them with an Australian academic setting in terms of study techniques and student/lecturer relations and expectations.

QCE009 EAP Plus

Credit Points	48
Campus	Kelvin Grove
Teaching Periods	2014 12TP1 (INT), 2014 12TP2 (INT), 2014 12TP3 (INT), 2014 12AP1 (INT), 2014 12AP2 (INT); 2014 12AP3 (INT)

This course is designed for international students intending to gain entry into University degree programs. 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. 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.

QCF100 Computing

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

This is an introductory unit in academic English for international students. Study of the unit will provide students with foundation skills necessary for success at an Australian university. The unit focuses on enhancing listening and speaking skills and the productive skills of reading and writing in an academic context. The aim of this unit is to help students develop and practice the skills required for proficient oral and written communication in a university environment.

QCF115 Foundation English

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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 in communication. The aim of this unit is to introduce international students to a variety of contexts which require using and developing a variety of English language skills.

QCF120 Accounting 1

Credit Points	12
Campus	null

Accounting plays a vital role in the successful management of financial aspects in personal, business and social contexts and involves recording, reporting, analysing and interpreting financial and other information used for making and evaluating decisions about the allocation of resources. Accurate and timely accounting information is essential for effective business decision-making regarding performance evaluation, operational control and long term survival. This unit, designed for students with little or no previous exposure to accounting, aims to equip them with the basic background and accounting techniques to process financial data from source documents through to end of period reports for a sole-trading entity.

QCF121 Economics 1

Credit Points	12
Campus	null

This unit is designed to develop the critical thinking and analytical skills that international students will need in a university environment through a study of introductory micro economics. In this unit students will be required to recall basic economic concepts, interpret economic data, respond to economic problems and use economic reasoning to examine policy options and responses. The aim of this unit is to enable students to demonstrate proficiency in the critical thinking and analytical skills that are required to interpret and solve economic problems. In addition, the unit is designed to develop an economic understanding and an introductory knowledge of the theory/terms of economics.

QCF122 Organisations And Management

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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.

QCF130 Accounting

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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.

Units

QCF156 Mathematics A1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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
Teaching Periods	2014 6TP6 (INT), 2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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
Teaching Periods	2014 6TP6 (INT), 2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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.

QCF220 Accounting 2

Credit Points	12
Campus	null

This is the second level accounting subject in the Foundation Program, further developing students knowledge of accounting sub-systems, enhancing their ability to understand and employ practical accounting applications. Acquisition of these skills prepares students for accounting and finance units encountered later in degree courses. Accurate and timely accounting information is essential for effective business decision-making, performance evaluation, operational control and long term success. The aim of this unit is to provide students with the accounting background, enhancements and extensions to basic accounting subsystems and controls for a sole trader to enable a fuller understanding of accounting applicable to the accounting cycle as it operates in a real world context.

QCF221 Economics 2

Credit Points	12
Campus	null

This unit is designed to develop the critical thinking and analytical skills that international students will need in a university environment through a study of economics. In this unit, students will be required to recall basic economic concepts, interpret economic data and respond to economic problems. The aim of this unit is to enable students to demonstrate proficiency in the critical thinking and analytical skills that are required to interpret and solve economic problems. In addition, the unit is designed to develop knowledge of the theories/terms of economics.

QCF230 Information Processing

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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 Life Science

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

A knowledge of life science develops a greater appreciation and understanding of the complexities of natural systems, and is relevant for students in the fields of applied science and health science. The aim of this unit is to integrate knowledge from a number of different disciplines in order to develop a broad understanding of the living world.

QCF254 Physics

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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

Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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
Teaching Periods	2014 13TP3 (INT), 2014 13TP1 (INT); 2014 13TP2 (INT)

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.

QCN011 English for Tertiary Preparation

Credit Points	8
Campus	Kelvin Grove
Teaching Periods	2014 5TP7 (INT), 2014 5TP2 (INT); 2014 5TP5 (INT)

This ETP course helps international students to improve their academic language skills in order to be successful in their chosen program. The course is designed to prepare students for independent study and to familiarise them with an Australian academic setting in terms of study techniques and student/lecturer relations and expectations.

QCS230 Computing

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT), 2014 13TP3 (INT); 2014 13TP1 (INT)

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.

QEL001 IELTS Advanced

Credit Points	20
Campus	Kelvin Grove
Teaching Periods	2014 5TP6 (INT), 2014 5TP8 (INT); 2014 5TP2 (INT)

Designed for international students who need to upgrade their English proficiency level to meet University entry requirements for those programs that require an IELTS Academic Module score of 7.0 or higher as an entry pre-requisite. Students in this program will need to apply for an IELTS Academic Module examination to be taken at the end of the program. To prepare students for the IELTS Academic Module. The unit will also familiarise students with an Australian academic setting in terms of study techniques and student/lecturer relations and expectations.

QEL002 IELTS Advanced

Credit Points	20
Campus	Kelvin Grove
Teaching Periods	2014 5TP7 (INT), 2014 5TP9 (INT); 2014 5TP3 (INT)

IELTS Advanced is designed to prepare candidates who have already achieved IELTS 6.5 (with no sub-score less 6.0) or acceptable equivalent, for the IELTS Test, Academic Module. It is offered to those seeking to acheive a score of IELTS 7.0 or higher. This is a test preparation course and students must take an official IELTS test and achieve the required score. The course will also familiarise students with an Australian academic setting in terms of study techniques and student/lecturer relations and expectations. On completion of the IELTS Advanced program, students will take an IELTS test. For entry into programs that require a score of IELTS 7.0 or above, students must achieve this score in an official IELTS test to meet the requirements.

QEL003 IELTS Advanced

Credit Points	20
Campus	Kelvin Grove
Teaching Periods	2014 5TP1 (INT), 2014 5TP9 (INT), 2014 5TP8 (INT); 2014 5TP4 (INT)

IELTS Advanced is designed to prepare candidates who have already achieved IELTS 6.5 (with no sub-score less 6.0) or acceptable equivalent, for the IELTS Test, Academic Module. It is offered to those seeking to acheive a score of IELTS 7.0 or higher. This is a test preparation course and students must take an official IELTS test and achieve the required score. The course will also familiarise students with an Australian academic setting in terms of study techniques and student/lecturer relations and expectations. On completion of the IELTS Advanced program, students will take an IELTS test. For entry into programs that require a score of IELTS 7.0 or above, students must achieve this score in an official IELTS test to meet the requirements.

QEN001 General English

Credit Points	20
Campus	Kelvin Grove
Teaching Periods	2014 5TP1 (INT), 2014 5TP7 (INT), 2014 5TP6 (INT), 2014 5TP9 (INT), 2014 5TP8 (INT), 2014 5TP3 (INT), 2014 5TP2 (INT), 2014 5TP5 (INT); 2014 5TP4 (INT)

General English offers pre-academic English and study skills for students preparing for entry into English for Academic Purposes courses as well as non-academic language development at all levels from elementary to advanced. Classes at specific levels are offered subject to demand. On completion of this course students should have attained a level of proficiency (at the relevant exit level. as indicated in the proficiency statement below:

QEN002 General English

Credit Points	20
Campus	Kelvin Grove
Teaching Periods	2014 5TP1 (INT), 2014 5TP7 (INT), 2014 5TP6 (INT), 2014 5TP9 (INT), 2014 5TP8 (INT), 2014 5TP3 (INT), 2014 5TP2 (INT), 2014 5TP5 (INT); 2014 5TP4 (INT)

General English offers pre-academic English and study skills for students preparing for entry into English for Academic Purposes courses as well as non-academic language development at all levels from elementary to advanced.

QEN003 General English

Credit Points	20
Campus	Kelvin Grove
Teaching Periods	2014 5TP1 (INT), 2014 5TP7 (INT), 2014 5TP6 (INT), 2014 5TP9 (INT), 2014 5TP8 (INT), 2014 5TP3 (INT), 2014 5TP2 (INT), 2014 5TP5 (INT); 2014 5TP4 (INT)

General English offers pre-academic English and study skills for students preparing for entry into English for Academic Purposes courses as well as non-academic language development at all levels from elementary to advanced.

QEN004 General English

Credit Points	20
Campus	Kelvin Grove
Teaching Periods	2014 5TP1 (INT), 2014 5TP7 (INT), 2014 5TP6 (INT), 2014 5TP9 (INT), 2014 5TP8 (INT), 2014 5TP3 (INT), 2014 5TP2 (INT), 2014 5TP5 (INT); 2014 5TP4 (INT)

General English offers pre-academic English and study skills for students preparing for entry into English for Academic Purposes courses as well as non-academic language development at all levels from elementary to advanced.

QEN005 General English

Credit Points	20
Campus	Kelvin Grove

Teaching Periods	2014 5TP1 (INT), 2014 5TP7 (INT), 2014 5TP6 (INT), 2014 5TP9 (INT), 2014 5TP8 (INT), 2014 5TP3 (INT), 2014 5TP2 (INT), 2014 5TP5 (INT); 2014 5TP4 (INT)

General English offers pre-academic English and study skills for students preparing for entry into English for Academic Purposes courses as well as non-academic language development at all levels from elementary to advanced.

QEN006 General English

Credit Points	20
Campus	Kelvin Grove
Teaching Periods	2014 5TP1 (INT), 2014 5TP7 (INT), 2014 5TP6 (INT), 2014 5TP9 (INT), 2014 5TP8 (INT), 2014 5TP3 (INT), 2014 5TP2 (INT), 2014 5TP5 (INT); 2014 5TP4 (INT)

General English offers pre-academic English and study skills for students preparing for entry into English for Academic Purposes courses as well as non-academic language development at all levels from elementary to advanced.

QEN007 General English

Credit Points	20
Campus	Kelvin Grove
Teaching Periods	2014 5TP1 (INT), 2014 5TP7 (INT), 2014 5TP6 (INT), 2014 5TP9 (INT), 2014 5TP8 (INT), 2014 5TP3 (INT), 2014 5TP2 (INT), 2014 5TP5 (INT); 2014 5TP4 (INT)

General English offers pre-academic English and study skills for students preparing for entry into English for Academic Purposes courses as well as non-academic language development at all levels from elementary to advanced.

QEN008 General English

Credit Points	20
Campus	Kelvin Grove
Teaching Periods	2014 5TP1 (INT), 2014 5TP7 (INT), 2014 5TP6 (INT), 2014 5TP9 (INT), 2014 5TP8 (INT), 2014 5TP3 (INT), 2014 5TP2 (INT), 2014 5TP5 (INT); 2014 5TP4 (INT)

General English offers pre-academic English and study skills for students preparing for entry into English for Academic Purposes courses as well as non-academic language development at all levels from elementary to advanced.

QEN009 General English

Credit Points	20
Campus	Kelvin Grove
Teaching Periods	2014 5TP1 (INT), 2014 5TP7 (INT), 2014 5TP6 (INT), 2014 5TP9 (INT), 2014 5TP8 (INT), 2014 5TP3 (INT), 2014 5TP2 (INT), 2014 5TP5 (INT); 2014 5TP4 (INT)

General English offers pre-academic English and study skills for students preparing for entry into English for Academic Purposes courses as well as non-academic language development at all levels from elementary to advanced.

SCB113 Chemistry for Health and Medical Science

Anti-requisites	PQB105, SCB111 and SCB121
Credit Points	12
Campus	null

The aim of this unit is to introduce students to the basic concepts of general, analytical, physical and organic chemistry; generate an understanding of the importance of chemical bonding and molecular structure and how these factors effect the properties of organic and bioinorganic molecules; and allow recognition of, and provide an understanding of, the nature of organic functional groups.

SCB131 Experimental Chemistry

Pre-requisites	SCB113 or PQB105 or (SCB111 and SCB121). SCB121 can be concurrently enrolled with SCB131
Credit Points	12
Campus	null

Chemistry is the central science. A detailed study of chemistry and related disciplines requires the development of practical laboratory skills for synthesis and chemical analysis. This unit is designed specifically to develop these aspects of chemistry. This unit is a laboratory-based unit which is designed for students who intend to continue with experimental science units. The lectures complement the weekly practical sessions and teach the theory required to interpret experimental results. The aim of this unit is to develop a broad knowledge of, and the practical skills required for, scientific experiments in chemistry. The skills acquired in this unit are transferable to other practical sciences including medical science, biochemistry, molecular biology and pharmacy.

SCB384 Forensic Sciences - From Crime Scene to Court

Credit Points	12
Campus	null

The aim of this unit is to provide you with an introduction to the theory that underpins crime scene investigations, and to give you some appreciation of the practices involved in the processing of a crime and some of the collected evidence, within the framework of the justice system.

SCB500 Industry Project

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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.

SCB501 Research Project for Dean's Scholars

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Independent research is a fundamental aspect of science and mathematics. This unit involves a small research project that may be based on a previously developed research proposal. The unit guides students through the research process from the experimentation and/or literature searching and review to the writing of a paper under the guidance of a research mentor. The research project aims to foster enhanced observational, practical, and problem solving skills, literacy and communications skills, and professional responsibility and ethical conduct.

SCB501 Research Project for Dean's Scholars

Other requisites	Approval of the unit coordinator and having identified a research supervisor for your project
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Independent research is a fundamental aspect of science and mathematics. This unit involves a small research project that may be based on a previously developed research proposal. The unit guides students through the research process from the experimentation and/or literature searching and review to the writing of a paper under the guidance of a research mentor. The research project aims to foster enhanced observational, practical, and problem solving skills, literacy and communications skills, and professional responsibility and ethical conduct.

SEB101 Science in Context

Co-requisites	SEB102
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

SEB101 'Science in Context' lays the foundation for an understanding of the theory and practice of science in the context of broader social, economic and political considerations. Legal and ethical implications of scientific research will provide context for how you, as scientists, will work. This unit is closely integrated with SEB102 'Understanding Science' and provides an opportunity for you to explore in more depth, the contextual factors related to your choice of problem/challenge in that unit.

SEB102 Understanding Science

Co-requisites	SEB101
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Understanding 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 enquiry 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

Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

Mathematics and Statistics underpins Science and Engineering research and practice. In SEB113 '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 you collected during field- and laboratory work in SEB114 'Experimental Science' and other units where relevant. 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.

SEB114 Experimental Science

Co-requisites	SEB113
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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. SEB114 'Experimental Science' focuses on the applied principles and concepts embodied by the Scientific Method. You will do experimental science, via inquiry-led practice, working both individually and collaboratively. Through field and/or laboratory experiences, you will focus in-depth on real world applications in two disciplines of your choice.

SEB400 Foundations of Research

Pre-requisites	Admission in to one of (ST10, IN10, UD10, MS10)) or (288cp)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

SEB401 Reviewing the Field

Pre-requisites	SEB400 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This honours level unit develops advanced knowledge and skills in one or more discipline areas around, and specifically related to, your honours research topic. This advanced unit is designed for application of skills learnt in the Introduction to Research unit and to complement the Project unit.

SEB402 Project Proposal

Pre-requisites	SEB400 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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

Pre-requisites	SEB400, SEB401 (can be enrolled in the same teaching period)
Credit Points	36
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT); 2014 SUM (INT)

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 Introduction to Research, Project Proposal and Reviewing the Field 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

Pre-requisites	SEB400 and SEB401 (can be enrolled in the same teaching period)
Credit Points	36
Campus	null

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 Introduction to Research and Reviewing the Field units. In this unit you will execute and present your research project. This unit 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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

SEB412 Advanced Topic 3

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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.

SEB701 Work Integrated Learning 1

Equivalents	BEB701
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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).

SEB702 Work Integrated Learning 2

Equivalents	BEB702
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit aims to provide you with the opportunity to continue to learn in a work place environment. It will involve attendance, participation, observation, and reflection on activities negotiated with the work place supervisor. The emphasis of your critical reflection for this unit is to explicate the culture of the organisation you work for via the profile it presents to its employees, clients and the public and critique the role of an individual in a work place and how this relates to other employees in meeting the organisations aims and objectives.

SEB703 Work Integrated Learning 3

Equivalents	BEB703
Credit Points	12

Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit will provide you with the opportunity to consolidate and extend your learning through a work placement and associated projects. It will involve some on-campus attendance at lectures and online tutorials as well as participation in, observation of, and reflection on activities undertaken during the work placement. The emphasis in the unit is on the critical reflection of academic learning and its application in practice. This is supported through an emphasis on the development of high order observation skills and critical reflection skills. The outcomes of your learning will be recorded in your e-portfolio. Most students undertaking this unit will do so as part of a WIL Minor.

SEB704 Work Integrated Learning 4

Equivalents	BEB704
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

As with the previous WIL units, this unit involves participation in a work placement, associated projects and on-campus lectures and seminars to further extend and consolidate students' learning and preparation for professional practice. The emphasis in this unit is on developing a broader appreciation of the issues impacting on industry, the nature of academic and practice knowledge and how they can be productively integrated to respond to the needs of and the challenges facing professional practice. The unit also gives explicit attention to the continuing development of graduate capabilities including oral communications skills. This unit is normally undertaken as the last unit in the first WIL Minor.

SEB705 Work Integrated Learning 5

Equivalents	BEB705
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This unit introduces practice-led research and research-led practice and provides you with the opportunity to use action learning as a framework for further developing your discipline knowledge as well as advanced critical enquiry skills. That is, the unit provides the opportunity for sophisticated, collaborative and reciprocal learning and outcomes that have the potential to improve work-based practice through the implement of an action learning approach.

SEB709 Work Integrated Learning 1

Equivalents	BEB709
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

STB551 Engaging with the Innovation Industry

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Working in the innovation industry requires a suite of skills beyond an in depth technical and/or business knowledge of a disciplinary area. Successful facilitators of innovation exchange require well developed professional portfolios and high level capabilities in the generic or soft skills including communication (written, oral and aural), thinking approaches (analytical, critical and lateral), adaptability, flexibility, leadership, learning approaches and team-based skills. This unit helps prepare you to become a professional in the innovation industry whether as an entrepreneur seeking funding for development of intellectual property or as facilitator of innovation exchange between inventor, venture capital sources and the global marketplace.

STB709 Innovation and Commercialisation Project

Pre-requisites	STB551
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The Innovation and Commercialisation Project is a capstone unit that provides a concrete opportunity for students to consolidate and contextualise the knowledge and skills they have acquired in the course and apply them to a substantial project. The unit serves to provide work experience and link University study with the professional practice of innovation commercialisation context. New venture areas of industry, focussed as they often are on emergent technologies and the commercialisation of innovation, require graduates capable of high levels of critical thinking and evaluation coupled with a sound technical and business knowledge and skills base of relevance to the particular innovation context. The capacity to conduct rigorous analysis into the research, development and commercialisation of products and processes is a fundamental aspect of converting real-world science and technology into products for the global marketplace.

STB709 Innovation and Commercialisation Project

Pre-requisites	STB551
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The Innovation and Commercialisation Project is a capstone unit that provides a concrete opportunity for students to consolidate and contextualise the knowledge and skills they have acquired in the course and apply them to a substantial project. The unit serves to provide work experience and link University study with the professional practice of innovation commercialisation context. New venture areas of industry, focussed as they often are on emergent technologies and the commercialisation of innovation, require graduates capable of high levels of critical thinking and evaluation coupled with a sound technical and business knowledge and skills base of relevance to the particular innovation context. The capacity to conduct rigorous analysis into the research, development and commercialisation of products and processes is a fundamental aspect of converting real-world science and technology into products for the global marketplace.

STB709 Innovation and Commercialisation Project

Pre-requisites	STB551
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The Innovation and Commercialisation Project is a capstone unit that provides a concrete opportunity for students to consolidate and contextualise the knowledge and skills they have acquired in the course and apply them to a substantial project. The unit serves to provide work experience and link University study with the professional practice of innovation commercialisation context. New venture areas of industry, focussed as they often are on emergent technologies and the commercialisation of innovation, require graduates capable of high levels of critical thinking and evaluation coupled with a sound technical and business knowledge and skills base of relevance to the particular innovation context. The capacity to conduct rigorous analysis into the research, development and commercialisation of products and processes is a fundamental aspect of converting real-world science and technology into products for the global marketplace.

SWB100 Orientation to Social Work and Human Services

Anti-requisites	HHB100
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

At the beginning of studies in Social Work and Human Services it is essential that students 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 students begin to explore their own motivations for becoming a social work or human service practitioner and begin to develop a sense of professional identity. It is anticipated that student's 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	HHB102
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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 Introduction to Human Rights and Ethics

Anti-requisites	HHB114
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

SWB106 Applied Skills and Scholarship

Anti-requisites	HHB116
Credit Points	12
Campus	null

This unit aims to introduce students to key aspects of important generic attributes which QUT graduates are expected to acquire across the period of their studies. The unit covers a range of topics relating to information literacy, academic literacy, and technological literacy. These topics are addressed in a practical way so that students will easily be able to apply the skills learned across other units in their course. Students have the opportunity to develop their skills through a series of activities such as self-paced online interactive exercises, quizzes, links and information. A variety of assessment items are spread across the semester. [SWB106 is incompatible with HHB116]

SWB108 Australian Society, Systems and Policies

Anti-requisites	SWB103, SWB218
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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 students look inward and deconstruct their 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
Teaching Periods	2014 SEM-2 (INT)

-

SWB200 Working in Human Service Organisations

Pre-requisites	SWB100 or HHB100
Anti-requisites	HHB200
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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 students have obtained thus far in their human services course, they are required to undertake work integrated learning (WIL) where they 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.

SWB202 Health, Wellbeing and Social Work

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

-

SWB204 Introduction to Child and Family Services

Anti-requisites	HHB204
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

The unit focuses on developing competent social work and human services professionals by providing students 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 practices for working 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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

Social work and human service practitioners are expected to be familiar with casework and case management 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
Teaching Periods	2014 SEM-2 (INT)

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

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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 first year to provide a platform for collaborative academic and professional work.

SWB219 Legal and Ethical Dimensions of Social Work and Human Services

Pre-requisites	SWB100 and SWB105
Anti-requisites	HHB277
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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 students 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
Teaching Periods	2014 SEM-1 (INT)

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 students have a capacity to integrate and apply theoretical concepts to specific practice contexts, consider their 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
Teaching Periods	2014 SEM-1 (INT)

Human service and social work students must build foundational knowledge and skills in core practice processes and assessment. This unit begins that foundation through focusing on integration of theory and practice. Because of its importance in preparing you to undertake professional placements, the unit is strategically located in second year. Understanding and reflecting on cultural diversity will be an embedded feature of this unit.

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
Teaching Periods	2014 SEM-1 (INT)

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 and prevent vicarious trauma, burnout and enhance lifelong learning.

SWB301 Advanced Professional Practice

Pre-requisites	(SWB200 or HHB200), (SWB208 or HHB208), (SWB209 or HHB209), (SWB219 or HHB277), (SWB220 or HHB278) and (SWB221 or HHB279)
Anti-requisites	SWB314, SWB315, HHB301
Credit Points	36
Campus	null

The Advanced Professional Practice unit is a vital part of the Human Services course and a time for final year students to link the theoretical component of the course to the human services agency context. The final practice unit will provide students with the opportunity to reflect upon their learning goals and choose appropriate placements where they will develop their role as a professional human services practitioner by undertaking 400 hours of practical work experience. The time in the field will be complimented by university workshops, liaison visits from University staff and peer group experiences. The outcome of this placement will provide students with a sound platform from which to move from the university setting to the professional practice arena. [SWB301 is incompatible with HHB301]

SWB304 Child Protection and Family Practice

Pre-requisites	SWB204 or HHB204
Anti-requisites	HHB304
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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	SWB207 or HHB207
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit focuses on a wide range of practice arenas 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).

Units

SWB310 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 SWB310
Anti-requisites	HHB339
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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.

SWB311 Mental Health and Social Work

Pre-requisites	SWB221 or HHB279
Anti-requisites	HHB340
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

SWB312 International Social Work

Anti-requisites	HHB341
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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 or SWB209] and [SWB204 or SWB207] and [SWB208 or SWB200] and SWB219 and SWB220 and SWB221
Co-requisites	SWB406
Anti-requisites	HHB301, SWB301
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

The purpose of SWB314 Human Services Practice Placement 2 is to prepare students for their employment as competent human services professionals. This unit enables students to further develop their assessment and intervention skills along with their 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. Students are able to undertake their 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.

SWB315 Transition to Human Services Practice

Co-requisites	SWB314
Anti-requisites	SWB301
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Throughout your course you have been aligning your reflections with the ACWA Code of Ethics and the ACWA competencies for the professional role and expectations you are about to undertake as a practitioner. As you transition to practice, you are committing to continuing this critical reflection, updating your knowledge constantly through current journals, professional networks and ongoing development as a professional.

SWB316 Social Work Field Education 1A

Pre-requisites	(SWB219 or HHB277) and (SWB221 or HHB279) and (SWB222 or PYB208 or HHB282)
Co-requisites	SWB317
Anti-requisites	SWB309, HHB338
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

The social work role requires practitioners to demonstrate proficiency in applying relevant knowledge and skills in complex situations. In order to integrate and contextualise the theoretical knowledge students have obtained thus far in their course, they are required to undertake work integrated learning (WIL) where they will demonstrate satisfactory achievement of the six AASW Practice Standards. SWB316/SWB317 combined makes up student's first 500 hour placement, providing the beginning practitioner with opportunities to appreciate the application of social work knowledge and skills in a workplace. The units examine the influences of practice methods, clients, staff, organisational, cultural and community factors on program and intervention processes and outcomes.

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.
Anti-requisites	SWB309, HHB338
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

The social work role requires practitioners to demonstrate proficiency in applying relevant knowledge and skills in complex situations. In order to integrate and contextualise the theoretical knowledge students have obtained thus far in their course, they are required to undertake work integrated learning (WIL) where they will demonstrate satisfactory achievement of the six AASW Practice Standards. SWB316/SWB317 combined makes up student's first 500 hour placement, providing the beginning practitioner with opportunities to appreciate the application of social work knowledge and skills in a workplace. The units examine the influences of practice methods, clients, staff, organisational, cultural and community factors on program and intervention processes and outcomes.

SWB318 Disaster Health: Principles, Planning and Practice

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

SWB319 Socio Legal Practice

Pre-requisites	SWB219 and SWB222
Credit Points	12
Campus	null

Social Work plays a dominant and increasingly important role in the legal system .Social Work informs and assists the Court and Tribunals in a number of jurisdictions including juvenile justice, child protection, family law, criminal matters and administrative review Increasingly Social Work is at the forefront of facilitating Court Diversionary Programs and the use of Alternative Dispute Resolution processes. This unit provides an overview of the processes and skills needed by Social Workers in different legal contexts.

SWB400 Macro Context of Social Work Practice

Pre-requisites	SWB108 or SWB218 or SWB103
Anti-requisites	SWB302
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Social workers must have a thorough understanding of the structure of government, an awareness of economic budgetary processes, an appreciation of the 'art' and extent of real world politics - 'realpolitik'- and how these 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.

SWB401 Research Methods for Professional Practice

Pre-requisites	SWB100 or HHB100
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit equips students 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. Students will be able to apply methods learnt to a range of service delivery and practice contexts.

SWB402 Social Work Field Education 2A

Pre-requisites	SWB220 and SWB221 and (SWB310 or HHB278) and SWB316 and SWB317
Co-requisites	SWB403 and SWB406
Anti-requisites	HHB408, SWB408
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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 HHB278) 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
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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 completently 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.

SWB404 Complexity in Social Work and Human Services Practice

Pre-requisites	(SWB201 or SWB316 or SWB317) and SWB219
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

Social work and human service practitioners are often faced with presenting issues which display a high level of complexity. It has become increasingly recognised that direct practice should be more client focused or 'holistic', with workers being able to effectively deal with multiple issues, rather than provide a narrow response to a single issue. This presents a challenge to social workers and human service practitioners, particularly in the context of policy and program 'silos' which tend to promote a narrow focus. This unit broadens the analytical and practice framework for human service and social work professionals.

SWB405 Advanced Social Work Project

Anti-requisites	HHB411
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

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 Social Work 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
Equivalents	SWB315
Credit Points	12
Campus	null

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.

SWB408 Social Work Practice and Fieldwork 2

Pre-requisites	(SWB221 or HHB278), (SWB309 or HHB338), (SWB310 or HHB339)
Co-requisites	SWB409
Anti-requisites	SWB402, SWB403
Credit Points	36
Campus	null

[Designated unit] The Practice and Fieldwork 2 unit is a vital part of the Social Work course and a time for students to cement their framework for professional practice firmly in the reality of social care contexts. This practice unit will provide students with the opportunity to reflect upon their learning goals, re-evaluate the outcomes of their earlier practice experience and choose a final placement where they will further develop their role as a professional social work practitioner by undertaking 490 hours of practical work experience. The time in the field will be complimented by university workshops, liaison visits from University staff and peer group experiences. The outcome of this placement will provide students with a sound platform from which to move from the university setting to the professional practice arena. [SWB408 is incompatible with HHB408], [Designated unit]

SWN001 Planning, Literacy and Research For Professional Practice

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (BLK); 2014 SEM-2 (BLK)

This unit commences with a staff-mentored process which requires each student to conduct a reflective professional / personal audit identifying strengths, weaknesses, opportunities and challenges as they begin study. It includes a review of communication skills, learning styles, personal values, career experiences, knowledge of other disciplines and anticipated areas for future professional practice. The audit culminates in a Personal Learning Plan which provides a base line position for planned, self-directed learning within the Course. The unit introduces research methodologies relevant for postgraduate study, social and evidence based research for professional practice.

SWN002 Trends, Challenges and Opportunities in Social Work

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (BLK)

This unit describes and analyses the characteristics of the contemporary social work sector. It provides an overview of current social work issues and places particular emphasis on the dynamic interplay of existing social, economic and political events and their implications for social work practice and institutional contexts. Employing the AASW Practice

Standards, it reviews the nature and scope of the social work sector and workforce and describes contemporary generic methods of intervention and practice.

SWN003 Political Economy and Policy Making

Pre-requisites	(SWN001 or SWN018) and SWN002
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (BLK); 2014 SUM (INT)

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 Professional Communication Skills

Pre-requisites	SWN018 or SWN001. SWN018 may be studied in the same teaching period as SWN004
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (BLK)

This unit builds the fundamental communication skills essential for professional social work within a diversity of practice settings. It pays particular attention to the needs of Indigenous peoples and clients from ethnically and cultural diverse backgrounds. It develops necessary skills in inter-personal dynamics, interviewing, empathic engagement, relationship building, insight, negotiation, advocacy and reflective practice. It acknowledges the need for professionals to be proficient in written and audio communications and ensures competence in the use of a range of contemporary information, communication and presentation technologies.

SWN005 Health, Wellbeing and the Human Condition

Pre-requisites	SWN018 or SWN001. SWN018 may be studied in the same teaching period as SWN005
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (BLK)

This unit considers the contested and changing understandings of human well being across the life cycle. Key aspects of wellness and health are examined for their impact on individuals, groups, and community well being. It explores selected psycho-social theories and looks at their utility for social work practice particularly in relation to mental health, child and family welfare, and disability services. The unit views health and wellbeing from a holistic perspective, and critiques the dominant bio-medical model and challenges perceptions that quality of life is determined merely by acquisition and consumption.

SWN006 The Ethical, Legal and Organizational Context of Practice

Pre-requisites	SWN018 or SWN001
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (BLK); 2014 SEM-2 (BLK)

This unit locates social work practice within its ethical, legal and organizational context. It emphasizes the imperative for students to know, understand and actualize 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
Teaching Periods	2014 SEM-2 (BLK)

This unit builds on the fundamental communication skills essential for professional social work case work and case management practice. It assists students to achieve professional levels in understanding and applying contemporary social work theories and principles which underpin case work and case management. 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, short term intervention, 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
Teaching Periods	2014 SEM-2 (BLK)

This unit critically reviews the theory 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 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
Teaching Periods	2014 SEM-1 (BLK)

This unit extends students' skills developed in professional communication, case, group, and community work, to apply assessment and intervention skills at the micro, messo, and macro levels of practice. The unit explores a range of assessment methods, intervention skills and a professional practice framework to interpret the particularities of the client's life circumstances. The practice skills of assessment, planning, intervention, make decisions and judgments, solve problems, and promoting change at the relevant level of practice to enhance client well being are personalised in real life contexts.

SWN010 The Socio-Cultural Context of Professional Practice

Pre-requisites	SWN018 or SWN001
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (BLK)

This unit locates professional practice within the socio – cultural context of Australia. It includes an historical and descriptive mapping of the Australian population giving particular attention to age, health, socio / economic, Indigenous, cultural and ethnic characteristics. The unit focuses on the history of Indigenous Australians and the profound cultural, social and economic consequences of colonisation and institutional racism. It emphasises the acquisition of cultural competence in particular in relation to Indigenous Australians. It employs a range of sociological analytical tools - power, authority, class, status, race and gender – to allow students to explore the structure of Australian society to promote principles central to social care professional practice including, well-being, the protection of human rights, the promotion of social justice and the empowerment of people.

SWN011 Professional Practice 1

Pre-requisites	(SWN001 or SWN018) and SWN002 and SWN004 and SWN007 and SWN008. SWN007 and SWN008 may be studied in the same teaching period as SWN011
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (BLK); 2014 SUM (INT)

This Professional Practice unit requires students to complete 245 hours of professionally supervised, staff monitored, field practice in a period of not less than 40 days. In accordance with AASW requirements, students are required to engage in planned activities which may include: direct practice with individuals, groups and communities; service management; organisational development and system change; policy development, implementation and change; research and knowledge generation; education and professional development. This unit is one of three Professional Practice units.

SWN012 Professional Practice 2

Pre-requisites	(SWN001 or SWN018) and SWN002 and SWN004 and SWN007 and SWN008 and SWN011. SWN007, SWN008 and

	SWN011 may be taken in the same teaching period as SWN012
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (BLK); 2014 SUM (INT)

This Professional Practice unit requires students to complete 245 hours of professionally supervised, staff monitored, field practice in a period of not less than 40 days. In accordance with AASW requirements, students are required to engage in planned activities which may include: direct practice with individuals, groups and communities; service management; organisational development and system change; policy development, implementation and change; research and knowledge generation; education and professional development. This unit is one of three Professional Practice units.

SWN013 Professional Practice 3

Pre-requisites	SWN002 and SWN004 and SWN007 and SWN008 and SWN011 and SWN012
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (BLK), 2014 SEM-2 (INT); 2014 SUM (BLK)

This Professional Practice unit requires students to complete 490 hours of professionally supervised, staff monitored, field practice in a period of not less than 40 days. In accordance with AASW requirements, students are required to engage in planned activities which may include: direct practice with individuals, groups and communities; service management; organisational development and system change; policy development, implementation and change; research and knowledge generation; education and professional development. This unit is the final of the three Professional Practice units. Details of activities, requirements, standards, learning outcomes, supervision and other arrangements are set out in SWN011 Professional Practice 1: Guidelines, Standards and Outcomes which incorporates provisions of the AASW Education and Accreditation Standards, AASW Practice Standards for Social Workers: Achieving Outcomes and the AASW Code of Ethics.

SWN014 Developing Social Work Practice Frameworks

Pre-requisites	SWN011, SWN012 and SWN013. SWN013 may be taken concurrently.
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit focuses on student's appreciation of practice and the building of a professional practice framework that integrates knowledge, skills, values, client needs and organizational settings. It requires students to articulate their framework, and to reflect on and recognize the differences between that professional framework and their personal values, assumptions, beliefs and attitudes.

SWN015 Transition to Social Work Practice

Pre-requisites	SWN013 can be studied in the same semester.
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit commences with a staffmentored process which engages each student in a reflective professional / personal audit of their skills, knowledge and values against AASW standards. It provides a number of flexible, individualised learning opportunities for students to identify and work on competencies that are required for preferred social work positions and career aspirations. Students review their Personal Learning Plans and transform these into a Continuing Professional Education Plan. They finalise and present their EPortfolio in a social work job interview scenario.

SWN016 Human Development and Behaviour

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

-

SWN017 Social Work Practice - Frameworks and Transitions

Pre-requisites	SWN011 and SWN012 and SWN013. SWN013 can be enrolled in the same teaching period as SWN017
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT), 2014 SEM-2 (INT); 2014 SUM (INT)

-

UDB100 Urban Development and Sustainability

Equivalents	DEB100,ENB100
Credit Points	12
Campus	null

This unit introduces you to the essential professional skills and practises common to the fields and disciplines of urban development. Through this unit you will have an opportunity to develop and demonstrate professional knowledge in your specialized area while also developing foundation academic and university skills that you will use to enhance and support your further studies. Concepts relating to professional practice, ethics, information management and sustainability will be addressed through-out the unit. Information from this unit will be consolidated in UDB200.

UDB101 Stewardship of Land

Equivalents	CNB105
Credit Points	12
Campus	null

This interdisciplinary unit will introduce students to the characteristics of land and land tenure with a focus on land use and property rights. The particular issues of native title, land contamination, heritage and alternative utility will be covered. Thereafter the property development process will be described in general terms and emphasis placed on the impact of environmental and social factors on the financial evaluation. The final component will cover the management of land, both urban and regional. Case studies will demonstrate the part that each discipline plays in the stewardship of land and its development.

UDB102 Applied Law

Credit Points	12
Campus	null

Introduces the fundamental principles and practices of Australian governance as they affect the built environment professions. The relevance of government policies, laws and regulations and aspects of Tort, Contract and Land and Environmental laws applicable to the Development and Construction processes are examined in context.

UDB104 Urban Development Economics

Equivalents	BSB113,BSD113
Credit Points	12
Campus	null

This unit will introduce microeconomic and macroeconomics concepts applied to urban and regional development. The unit will initially focus on demand, supply and determination of prices, and other important microeconomic concepts, at the level of an individual development. Here, the value of microeconomics in explaining aspects of development is demonstrated using local and national examples. In doing so, this unit will also help to deepen the appreciation of the key steps in development and the role of the main actors. Since anyone development project does not occur in a vacuum, the unit will then broaden to consider the impact of changes in the national and local economy on land use and development, including business cycle, monetary and fiscal policy.

UDB110 Residential Construction and Engineering

Credit Points	12
Campus	null

You learn to read plans and build a house by studying construction theory and legislation, visiting building sites, and sketching construction details. Focus on the four traditional methods of construction, brick veneer, cavity brick, block and timber, evolution of building, Building Code of Australia and Australian Standards; methods of construction; foundation and footings; linings; claddings; windows; doors; joinery; staircases; roof coverings; balanced cut and fill; services; retaining walls; acoustic and fire safety requirements; specifications for residential construction; protection to the public during construction; temporary support and demolition of structures; energy efficiency design; building defects and failures.

UDB111 Engineering Construction Materials

Equivalents	CNB102
Credit Points	12
Campus	null

The choice of material and the reliance on the material being "fit for purpose" is essential to the success of the building project. This unit provides you with an introduction to building materials. 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, and limitations.

Units

UDB112 Professional Studies 1

Pre-requisites	UDB110
Equivalents	CNB109
Credit Points	12
Campus	null

Assignment-based project orientated group work where you design and document a new dwelling preparing a full design of a single level brick-veneer type dwelling to a standard appropriate for building approval including architectural and structural design; construction materials; building services; statutory obligations and the building approval process; measuring and cost planning; contract administration; construction planning and site layout.

UDB113 Measurement 1

Pre-requisites	UDB110
Equivalents	CNB110
Credit Points	12
Campus	null

This unit introduces the scope of the role of the quantity surveyor working independently and for contractors. It examines the tendering process and the bill of quantities; the Australian standard method of measurement (rules, taking-off methodology, mensuration and formulae); measurement of various work sections (finishes, roofing, partitions, woodwork, metalwork, painting, doors, windows, glazing, hardware, suspended ceilings and masonry).

UDB140 Property Valuation 1

Equivalents	CNB194
Credit Points	12
Campus	null

This unit provides an introduction to property valuation fundamentals including value principles and concepts, market data and the methods of valuation, with particular focus on the valuation of residential property.

UDB141 Building Studies

Pre-requisites	UDB110
Anti-requisites	UD40MJR-CONSMGT-Construction Management Major, UD40MJR-QUANSRV - Quantity Surveying Major
Equivalents	CNB290
Credit Points	12
Campus	null

You learn to read plans and build a house by studying construction theory and legislation, visiting building sites, and sketching construction details. Focus on the four traditional methods of construction, brick veneer, cavity brick, block and timber, evolution of building, Building Code of Australia and Australian Standards; methods of construction; foundation and footings; linings; claddings; windows; doors; joinery; staircases; roof coverings; balanced cut and fill; services; retaining walls; acoustic and fire safety requirements; specifications for residential construction; protection to the public during construction; temporary support and demolition of structures; energy efficiency design; building defects and failures.

UDB161 Introduction to Planning and Design

Credit Points	12
Campus	null

This unit introduces students to basic principles of planning and urban design. Students learn about urban design principles such as legibility, permeability, robustness and imageability of places. Students also investigate the planning issues facing cities and consider the complex problem-solving skills required to respond to these.

UDB162 History of the Built Environment

Credit Points	12
Campus	null

This unit uses examples from the global development of human settlement to demonstrate the importance of interactions between the environment, society, and technology in shaping the built environment. Students will gain an appreciation of the important role played by history in forming the context for contemporary society, policy making, and design.

UDB163 Land Use Planning

Credit Points	12
Campus	null

The purpose of this unit is to examine the planning and management of public and private land. Unit topics include: different performance and prescriptive zoning methods; an overview of levels of planning agencies responsible for land use planning in Queensland; and the land development process and regulations that govern land use planning.

UDB164 Population and Urban Studies

Credit Points	12
Campus	null

This unit introduces the students to the demographic, economic, social and physical aspects of our cities to help understand the nature of cities we live in. The topics covered include: demographic and economic changes in cities, theoretical models of cities, issues such as social diversity, gentrification, masterplanned communities, and public spaces in cities.

UDB181 Geospatial Positioning and GPS

Credit Points	12
Campus	null

This unit will introduce students to skills and knowledge of spatial referencing, site measurement; use of maps and air photos. It will include introduction to map projections; concepts and theory of Global Positioning Systems; introduction to global and local coordinate systems; mission planning and data collection. The unit will highlight the importance of geospatial positioning applications in society.

UDB182 Surveying

Equivalents	PSB640
Credit Points	12
Campus	null

This unit provides a foundation in field instrumentation and survey computations; a framework for acquisition of a high level of knowledge and practical competence in plane survey computations; use of optical and electronic theodolites; EDM and total electronic station systems, and a focus on collection/presentation of pre-design contour and detail spatial information.

UDB200 Project Planning in Urban Development

Credit Points	12
Campus	null

This unit will enable you as a graduating Built Environment and Engineering professional to take active and positive steps to transform professional practice in ways that promote the sustainability of our planet, our economy and our society. As future professionals in the fields of Design, Urban Development and Engineering Systems, you will need to understand and apply the concepts of sustainability in your professional practice if we are to achieve sustainable development in the 21st Century.

UDB202 Business Skills

Equivalents	CNB228
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit focuses on career preparation with a business orientation. Current popular business tools are assembled and critiqued. A sequential approach is used starting with characteristics of the Resume, business protocol and ethics, the business plan, assessing business risk and Professional Liability.

UDB210 Commercial Construction and Engineering

Pre-requisites	UDB110
Equivalents	CNB107
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The aim of this unit is to provide you with extensive theoretical knowledge to manage and supervise the construction of (1) low rise residential apartment buildings (2) commercial buildings i.e. shops, offices; and (3) industrial buildings. Focus on legislative requirements; on-site inspections; site management techniques; temporary works & construction plant requirements, labour; In-ground construction; External treatments (cladding); formwork; bracing and stability; services co-ordination; Landscaping; . Environmental, building defects,. disabled access; universal design; load-bearing masonry; services co-ordination; internal fit-out; tilt panel construction; portal/steel frames.

UDB211 Introductory Structural Engineering

Pre-requisites	UDB111 (can be enrolled in the same teaching period)
Equivalents	CNB108
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Structural engineering analysis examining structural principles, structural action, load paths and equilibrium. Structural characteristics are examined through first principles including tension, compression, bending and shear forces. Quantitative, qualitative techniques and approximate methods are used as well as the use of computer software in structural analysis.

UDB212 Measurement 2

Pre-requisites	UDB113
Equivalents	CNB204
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Measurement is a core skill among building professionals. This skill is particularly important in relation to the production of quantified documents for the purposes of tendering and estimating. This unit covers the following: measurement of various work sections (concrete, formwork, reinforcement, groundworks, underpinning, tanking, structural steelwork, exterior elements, and bored piers); and the development and application of builders' quantities.

UDB213 Construction Estimating

Pre-requisites	UDB110,UDB113
Equivalents	CNB305
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Estimating techniques to quantify cost; Fundamental elements of cost and methods of evaluating labour, materials and equipment to realistic levels of accuracy; Unit rate approach to assessing the base estimate for major trades; Assessment of offers from sub-contractors and implications for tendering with respect to risk, quality and ethical responsibilities; Functional estimating and the significance of method, time and assembly of information to estimating; Review of an estimate, determination of profit; letters of offer; Subsequent negotiations prior to award of a contract; application of estimating to variations and profit monitoring; Linking best value procurement assessment to outcome performance indicators (including tender evaluation criteria).

UDB214 Professional Studies 2

Pre-requisites	UDB112 or BEB200 or ENB200
Equivalents	ENB274
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

-

UDB215 Building Services Engineering

Equivalents	CNB203
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Fire Services: Fire detection, suppression and extinguishment; statutory requirements for maintenance of essential active fire services; Hydraulics Services: Building hydraulic services including water supply, fire protection and sanitary waste disposal systems. Mechanical Services: Air movement; Types of ventilation; Air-conditioning systems and heating; Installation procedures and the issue of confined spaces; Basis of design and effect of architectural style; Electrical Services: Transformers, sub-stations, switchboards, protection devices, lighting systems, stand-by generators, security systems; systems monitoring and energy management; vertical transportation systems. Energy Efficient Services: Examination of energy efficient design on services.

UDB216 The Environment and the Quantity Surveyor

Equivalents	CNB209
Credit Points	12
Campus	null

This unit will involve professional quantity surveying including image and status, fees, codes of ethics, professional competence and continuing professional development. In terms of employment, professional engagement in the workplace will be covered including terms of engagement, professional indemnity insurance, quality assurance and financial asset management. The work of quantity surveying takes place within a social and environmental context and this relates to the interactions between business and environmental interests including the natural environment, environment economics and ecologically sustainable development.

UDB240 Planning Theory and Processes

Anti-requisites	UD40MJR-URBPLAN - Urban and Regional Planning Major
Equivalents	CNB295
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit is an introduction to the fundamental principles of urban planning control and regulation in Queensland. Property economists need to be aware of the history, development and current impact of planning regulation on property development and investment. This unit covers current development planning approval, assessments, conditions and appeals processes. Integration of economics, equity and social responsibility which include conservation and heritage protection and its impact on development and land are also discussed.

UDB241 Property Law 1

Equivalents	CNB191
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

A practicing property professional requires an understanding of real property law in order to optimise the utility of property assets and therefore the value of property assets. This unit covers aspects of real property law which impact on professional property practice in Queensland.

UDB242 Property Valuation 2

Pre-requisites	UDB140
Equivalents	CNB292
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

An understanding of valuation methodologies relating to commercial property assessment is central to the work of any property professional. This unit develops an understanding of the various methodologies and the application of these valuation methodologies to practical scenarios. This unit also further develops an understanding of the various market sectors and how the market impacts on the value of a property asset.

UDB243 Property Economics

Pre-requisites	UDB104
Credit Points	12
Campus	null

The unit will relate macro and micro economics to the broad property markets. It will consider the practical impact of supply and demand factors on the different market sectors. The nature and complexities of property cycles are covered with specific reference to commercial and industrial property in Australia.

UDB244 Property Law 2

Equivalents	CNB193
Credit Points	12
Campus	null

A practicing property professional needs a good understanding of several areas of law as it applies to property transactions and property practice to be able to manage and avoid risk, identify 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 UDB102 and UDB241 to explore how the common law and relevant legislation is applied to property practice and property transactions. The unit covers areas of torts law, contract, agency, consumer protection and dispute resolution as applicable to a practicing property professional in Queensland.

UDB245 Urban Land Studies

Equivalents	CNB291
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The aim of the unit is to take the students' fundamental knowledge of economic theory developed in earlier units and to apply that knowledge to the specific area of urban development. In particular we seek to develop in students an awareness of those economic imperatives which drive and shape urban form.

UDB246 Property Feasibility Studies

Pre-requisites	UDB242
Equivalents	CNB392
Credit Points	12
Campus	null

Property economists play an important role in advising on the investment worth of property. As such the unit introduces students to assessment of property as an investment asset taking into account financing and taxation arrangements in addition to risk and return measures.

UDB247 Property Valuation 3

Pre-requisites	UDB241 and UDB242
Equivalents	CNB391

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

It is part of the role of a Property Valuer to perform valuations for statutory purposes and to represent those valuations in the capacity of an expert witness. It is imperative that you have the necessary knowledge to undertake statutory valuations and have an understanding of the role of a Valuer as an expert witness. This unit will enhance the knowledge and skills you have developed in prior valuation units and apply this in the statutory and special use property valuation context.

UDB265 Site Planning

Pre-requisites	UDB161
Equivalents	PSB431
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The objective of this unit to assist students in learning and applying site planning theories and processes for a given site/areas within a city. The topics covered include: user stakeholder analysis, character analysis, site survey and site analysis, development of proposals.

UDB266 Planning Processes and Consultations

Pre-requisites	(UDB163 and UDB164) or ENB274 or DE40MJR-LNDARCH or DE42MJR-LNDARCH
Equivalents	PSB433
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Students learn how land uses are generated and can be planned. They study the logic, role and methods of successive stages of planning processes including aims, information analysis and synthesis, evaluation, strategy development, monitoring and review. They learn how to consult widely in the community and with other professionals to develop and apply flexible and widely relevant planning processes.

UDB267 Development Assessment and Infrastructure

Pre-requisites	UDB163 or DE40MJR-LANDARC - Landscape Architecture Major
Equivalents	PSB445
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

The aim of this unit is to provide students with a grounding in the issues and skills related to the assessment of development applications and planning related to infrastructure. The unit will be conducted in two sections. The first will introduce students to the relevant legislation, procedures, and techniques associated with development assessment. The second will give students an understanding of issues related to the provision and maintenance of technical and social infrastructure, with particular reference to the importance of sustainability and the emergence of new technology and systems.

UDB281 Geographic Information Systems

Equivalents	PSB631
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit investigates the basic concepts of geographic information systems. Topics to be covered include components of GIS, spatial databases, data acquisition, reference frameworks, use of photographs and images, spatial analysis and graphic output design issues. The unit will highlight the importance of geographic information systems the unit will highlight the importance of geospatial positioning applications in society.

UDB282 Remote Sensing

Equivalents	PSB655
Credit Points	12
Campus	null

This unit includes the following: history and principals of remote sensing; types of imagery, image interpretation, satellite systems; supervised and unsupervised image classification; interpretation, analysis and presentation of data; applications in the earth sciences.

UDB283 Surveying Computations

Pre-requisites	(MAB100 or MAB120) and UDB182
Equivalents	DBB646
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit includes the use of advanced scientific calculators and their application for geometric computations, solution of road and area problems, missing data closes, and simple curve problems. It offers solutions for more difficult problems including the three point problem, interrupted bases and various types of curve problems. It introduces spherical trigonometry, the solution of spherical triangles and the use of spherical trigonometry to determine position and direction on the Earth's surface from observation to astronomical objects. Practical exercises determine position and direction.

UDB284 Engineering Surveying

Pre-requisites	MAB101 and UDB182 and UDB283
Equivalents	PSB641
Credit Points	12
Campus	null

This unit includes: horizontal and vertical alignment for route surveys; areas, volumes and earthworks; surveying measurements and their assessment; propagation of variances; pre-analysis of survey tasks; least squares adjustment methods for various functional and stochastic models.

UDB285 Cadastral Surveying

Pre-requisites	UDB182
Equivalents	PSB620
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit includes land title systems, reinstatement: an explanation of the options of land title systems, with particular reference to Customary Land Tenure, Private Deeds registration, Public Deeds Registration, and Registration of Title. It includes an analysis of reinstatement of property boundaries as applicable to Queensland; the undertaking of a field survey to reinstate the boundaries of a section in the Brisbane Metropolitan area; preparation of cadastral and detail survey plans for survey actions; the legal aspects of re-instatement of boundaries; case law associated with re-instatement; statutory requirements that relate to the zoning and development of land.

UDB301 Research Methods

Pre-requisites	Completion of 240cp including 216cp in UDB units
Equivalents	CNB395
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Research Methods will introduce students to the range of methods and techniques that may be utilised in examining questions related to professional practice. A comprehensive overview of research methods will be provided in order that students are able to contribute to research as a part of their professional practice, and to enable them to critically analyse research findings and publications.

UDB302 Development Process

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

-

UDB310 Highrise Construction and Engineering

Pre-requisites	UDB210
Equivalents	CNB201
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Students learn how to construct a high rise structure from the basement to the roof. Focus on protection to the public during construction, temporary support; demolition; temporary services; deep excavation and foundations; retention and shoring systems; 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.

UDB311 Structural Engineering Design

Pre-requisites	UDB111 and UDB211
Equivalents	CNB202
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Units

Study and analysis of engineering components and systems, to develop a sound understanding of how a building achieves structural stability and equilibrium through its load paths. Content includes: Basic structural member design for tension, compression, bending and shear loads through detailed examination through the use of relevant Australian Standards as the basis for examination. Emphasis is on approximate or "first order of magnitude" techniques suitable for estimating or checking purposes. Structural systems analysis; including trusses and retaining walls with a mix of qualitative and quantitative techniques. Construction stability is examined in detail including cranes, shoring, scaffolding, and slings.

UDB312 Contract Administration

Equivalents	CNB302
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The administration of construction contracts represents one of the core applications for both construction managers and quantity surveyors. In order to appreciate some of the commercial implications of contract administration you will study administrative implications for both parties to the contract.

UDB313 Programming and Scheduling

Equivalents	CNB335
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit covers the following: Project time and resource planning techniques such as bar charts, critical path networks (precedence, time scales, and activity on arrows); Line of balance; Resource allocation and levelling; Schedule updates and progress control; Delays and claims analysis. Applications of computer-based project planning software will form an important part of the study in this unit.

UDB314 Statutory Construction Law

Pre-requisites	UDB110, UDB210, UDB310, and UDB215
Equivalents	CNB309
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Commercial Law. Sale of goods; Hire purchase; Trade practices; Negotiable instruments; Insurance law; Partnership law and company law; Bankruptcy and liquidation; Arbitration (the agreement, appointment of an arbitrator; Conduct of an arbitrator; Powers and duties; Enforcement of an award, costs; Alternative dispute resolution. Building Law; Study of the Building Code of Australia and Building Regulations, which control the design, construction of building works; emphasis on all building law; a study of the Acts Interpretation Act, Town Planning Acts; etc.

UDB315 Measurement 3

Pre-requisites	UDB212
Equivalents	CNB310
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Measurement is a core skill among building professionals. This skill is particularly important in relation to the production of quantified documents for the purposes of tendering and estimating. This unit covers measurement of building services (hydraulics, drainage, electrical and mechanical works).

UDB316 Cost Planning and Control

Equivalents	CNB307
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Interrelationship between construction industry and economy; Fundamental principles of cost management (design and construction cost planning and cost control); Nature and purpose of cost planning and cost control systems; Contract costing (historical accounting) and anticipatory (forecast final cost / value); Design economics, cost and value concepts, cost information systems, cost modelling, cost analyses, cost indices, cost data, cost implications of design variables; Life cycle costing and modelling including design knowledge in virtual environments; Value management, including energy efficiency in buildings, and value alignment process for project delivery; Asset management and building maintenance; Risk management in cost planning and cost control.

UDB340 Agency Practice and Marketing

Equivalents	CNB294
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Property sales and leasing are the starting point of any property development, property investment and is also the basis of all valuation analysis. This unit provides students with an understanding of the role of real estate agents in respect to property sales and lease negotiation and demonstrates the relevance and interaction of units such as property valuation, property law and planning in property sales and leasing.

UDB341 Property Finance

Equivalents	CNB297
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Property is a major asset class of available investment options. Due to its distinct characteristics, debt and equity financing plays a major role in investment decisions. As such, the unit develops students' understanding of property investment and financing techniques and the place of property assets within the capital markets.

UDB342 Real Estate Accounting and Taxation

Anti-requisites	BSB110
Equivalents	CNB293
Credit Points	12
Campus	null

This unit provides the opportunity for students to develop basic financial accounting, cost and management accounting and financial management skills, all within the context of the property industry. In addition, students will learn principles involved in accounting for Real Estate Trust Accounts, and various taxation aspects related to property transactions.

UDB344 Property and Asset Management

Pre-requisites	UDB242
Equivalents	CNB393
Credit Points	12
Campus	null

With an increasing number of companies and institutions now leasing property rather than direct ownership, the management of these assets is becoming a crucial aspect of business practice. This unit will cover the physical and financial aspects of commercial, retail and industrial property management and the role of property as a strategic real estate asset. The area of Corporate Real estate and Asset management will also be covered in the unit.

UDB368 Urban Design

Pre-requisites	Completion of 144cp of study
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This studio unit develops skills in urban design analysis and intervention through the transformation of urban design theory into policies and design proposals. Students are introduced to the production of urban design instruments (such as strategies and frameworks) and effective communication of desired urban design outcomes. Where possible, students participate in live projects, with inputs from industry, government and communities.

UDB369 Negotiation and Conflict Resolution

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit introduces planning students to the theory and practice of negotiation and conflict resolution. The aim is that students will develop their ability to change their perspective on conflict by seeing it as an inevitable and sometimes valuable part of planning. Students will learn to develop empathy for those they are in conflict with while also communicating their own needs assertively. Content includes key principles of conflict resolution, and practical mediation/negotiation techniques.

Units

UDB370 Environmental Planning and Management

Pre-requisites	(UDB265 and UDB368) or (ENB274 or DLB600 or DAB525)
Equivalents	PSB462
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit introduces environmental planning and management issues, policies, and methods relevant to your future practice as a planner, engineer, designer, or other built environment professional. As part of a multi-disciplinary team, you will participate in investigation of a contemporary case study, engaging in creative problem-solving and synthetic thinking incorporating skills and knowledge from prior units framed within new perspectives. By the end of the unit, you will have a firm grasp on a range of current environmental planning and management issues, and a framework for assimilating and addressing environmental policy in your future practice.

UDB381 Geospatial Mapping

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit will provide the student with a sound knowledge and understanding of image mapping principles (including photogrammetry) and processes as well as practical skills and understanding required to collect spatial information and to produce fundamental mapping products. In addition this unit will provide the skills and knowledge of the principles and characteristics of cartographic communication, surface modelling techniques and digital mapping.

UDB382 Photogrammetric Mapping

Pre-requisites	UDB383
Credit Points	12
Campus	null

This unit builds upon the Geospatial Mapping unit to provide the student with developed knowledge and understanding of photogrammetric mapping theory and processes including spatial geometry, mathematics and aerotriangulation. The unit will also provide the student with an integrated knowledge and understanding of map production principles and practice applied to photogrammetric outputs.

UDB383 Control Surveying and Analysis

Pre-requisites	MAB730
Equivalents	PSB642
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit includes the following: reconnaissance for geodetic surveys (formulate mathematical models for the solution of linear and non-linear positioning in one, two and three dimensions); geodetic observations techniques and reduction of observations; the three classical methods of geodetic surveying (triangulation, trilateration and traversing); precise levelling including instrument testing; properties of the meridian ellipse; radii of curvature, meridian arc; spheroid as a geodetic reference surface, latitude, longitude, geoid separation and ellipsoidal height; mutual conversion of geodetic and Cartesian coordinates.

UDB384 Geodesy

Pre-requisites	UDB383
Equivalents	PSB643
Credit Points	12
Campus	null

This unit contains the following theory: concept and classification of geodesy, the basic concepts of Earth's gravity field, level surfaces and plumb lines, heights, geoid, mean sea level, spherical harmonics etc, fundamentals of satellite geodesy, reference coordinate systems. It considers GPS positioning models and algorithms, software, GPS field observing, various GPS applications in geomatics; mapping terms and definitions; the mapping problem; principles for deriving projections; the use of skew graticules; the UTM system.

UDB385 Cadastral and Land Management

Pre-requisites	BEB200 or UDB200
Equivalents	CEB259
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit introduces the student to the basic civil engineering design processes and procedures associated with the development of subdivided urban/rural land for residential, industrial or commercial purposes. The unit covers the following: subdivisional road design types, hierarchy, longitudinal and cross sections, earthworks; stormwater design, basic urban hydrology, catchment properties, rational formula, pipe/gully parameters, pipe and open channel flows; water reticulation system features; sewer reticulation system features and basic design procedures. Modern trends in the above (including sustainability considerations) together with the general construction procedures and basic costings are introduced.

UDB387 Spatial and Land Information Management

Pre-requisites	UDB281
Equivalents	PSB612
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit provides you with an understanding of the spatial data infrastructure that will increasingly underpin decision making in diverse areas of development including resource management; urban and rural planning; cadastral administration and facilities management. The unit will provide an introduction to the concepts of a spatial data system planning overview, system implementation, and standards, legal issues, and knowledge-based techniques.

UDB388 Spatial Analysis Practice

Pre-requisites	UDB281
Equivalents	PSB654
Credit Points	12
Campus	null

This unit expands a student's knowledge in the field of spatial information science within the framework of a practical exercise focussing on advanced spatial analysis techniques. This approach facilitates exposure to and the incorporation of emerging processes of acquisition, validation, storage, extraction, analysis and presentation of spatial information. A geographic information system environment is utilised to provide a practical introduction to industry practices and client expectations. This unit will provide students with enhanced knowledge of the extent, theory and practice of spatial information science and an enhanced ability to define and solve problems associated with manipulation of spatial information systems to meet client expectations.

UDB410 Strategic Construction Management

Pre-requisites	UDB310 or Admission into BN85 or Admission into UDBXSMJ-CONSMGT
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

UDB410 is a capstone construction management unit bringing together all the skills you have learnt so far in your UD40 construction management course. Construction Managers require a strategic focus on site management, business and corporate responsibilities to manage time, cost, quality and safety on a construction project. UDB410 Construction Management is the last of a series of construction units UDB110, UDB210, UDB310 and consolidates skills students have learned throughout their degree to advance to a work-ready construction manager.

UDB420 Project Administration

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit provides an introduction into project administration in the building construction industry. It will prepare you for the administrative and contractual interactions that occur between the Contractors and Sub-contractors during a project.

UDB471 Urban Planning Practice

Pre-requisites	UDB266
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Students develop skills of interpretation and problem solving to plan the development of a locality or suburb with a population of up to fifteen thousand. Consulting with local governments, communities and stakeholders, and working in supervised multi-disciplinary teams, they produce a real-world local area plans, integrating a wide range of housing, access, work, play, community, cultural and environmental concerns.

UDB472 Community Planning

Credit Points	12

Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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. Combining this with knowledge and skills acquired earlier in the course, they learn to produce solutions and formulate policies which link government policy to local outcomes. This involves community involvement, consultation and conflict resolution.

UDB473 Planning Theory and Ethics

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The application of theory to practice defines the essence of planning. The unit explores the historical and contemporary theories of planning; links the relationship of theory to practice; defines the role of ethics in planning practice; and aids the student in developing his or her own theoretical and ethical foundation for planning practice.

UDB474 Regional Planning Practice

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Students develop and apply the knowledge of policy formulation and skills of analysis and synthesis imparted in Regional and Metropolitan Policy, to real world problem-solving at a scale which is larger than a single local government. This culminating practice unit concentrates on the broader regional and metropolitan scales to develop skills in strategic-level planning.

UDB475 Regional and Metropolitan Policy

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Students learn to focus and apply material from a wide range of disciplines and locations to understand and develop current regional and metropolitan policy. Issues of global, national and state regionalism, demography, economics, human services, central place theory, regional resource evaluation and public administration are related to work in the Regional Planning Practice unit.

UDB483 Global Positioning Principles and Practice

Pre-requisites	UDB383 and UDB384
Equivalents	PSB644
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit includes the following: GPS operation and navigation messages; GPS observable and error budget; differencing techniques; GPS positioning models and algorithms; software; GPS field observing; static, kinematic, RTK and various GPS applications in geomatics. It also includes a practical on the GPS network.

UDB484 Topographic, Hydrographic and Mining Surveying

Pre-requisites	UDB383
Equivalents	PSB645
Credit Points	12
Campus	null

This unit includes the following: field surveys for DTMs as-constructed surveys; associated specifications and standards; mining surveying for surface and below surface mining activities; Hydrographic surveying for exploration and port management.

UDB485 Property Development Practice

Pre-requisites	UDB302 and UDB385
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit develops your knowledge and capability to engage in a professional manner with land and property development practice. Land development issues dealt with in preceding units are bought together in this final semester unit to prepare you to fulfil your professional role in the practice of land and property development. This unit will further develop the practical skills necessary for the preparation of lot reconfiguration plans suitable for sealing and registration with appropriate organizations.

UDB486 Cadastral Practice

Pre-requisites	UDB285
Credit Points	12
Campus	null

-

UDN500 Ballast, Sleepers and Fasteners

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

As a rail civil engineer you will have responsibility for the permanent way and so needs to have a sound knowledge and clear understanding of the behaviour of the components of rail tracks. The ballast and sleepers on which the rails rest are critical in supporting the safe passage of trains at speed over the track. A large proportion of maintenance expenditure by track owners arises because of fouled or poorly drained ballast or from sleeper replacement. Delays in train schedules, track closures and even derailments can arise due to problems in the track below the rail. This unit is one of the first ones you will study in this course because it focuses on the foundations of an efficient and safe track asset network.

UDN501 Rail and Related Track Structures

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

This unit continues the recognition of the need for you as a rail civil engineer to have a sound knowledge and clear understanding of the behaviour of the components of rail tracks. The rail is the immediate interface between train vehicle and the entire supporting system and therefore the most direct effect on enabling or inhibiting train operations. Aside from ballast and sleeper rectification described in UDN500, the costs of rail wear and grinding, eventual replacement of worn rail and rectification of track geometry make up the bulk of maintenance expenditure by the track owner. In conjunction with UDN500, this unit is located early in the course so that you will have been introduced to the nature of all the key elements of the track superstructure and of their important contributions to the operation of rail systems.

UDN502 Track Stability, Design and Formation

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-2 (EXT)

Simply knowing about the components from which railway track is assembled will not enable you to understand and influence the complex interactions between each of those components. Design of railway tracks requires you to build on that component knowledge from UDN500 and UDN501 by considering how they influence each other and what limitations they have in carrying forces applied by operational or by environmental factors. The unit also provides some further foundation knowledge to enable you to understand the forces of interaction between the whole track and passing trains that will be explored later in UDN503.

UDN503 Track Geometry and Train Interaction

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

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
Teaching Periods	2014 SEM-2 (EXT)

There will be much more responsibility for you as a railway civil engineer than understanding and maintaining the track in the permanent way. Construction of new track and reconstruction of existing track must be able to be managed by you with insight and competence, requiring an appreciation of contracts and their administration, together with an ability to assess construction and geotechnical risks and specify appropriate construction processes. Furthermore, the rail corridor or right-of-way also has within it various structures that need management of their construction and of their maintenance. This unit addresses these issues and is located later in the course to enable you to gain a good grounding in track and train related matters in earlier units.

UDN505 Assets, Environment and Safety

Credit Points	12
Campus	External
Teaching Periods	2014 SEM-1 (EXT)

-

UDN510 Urban Planning Practice

Equivalents	UDB471, DBP409
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

As an Urban & Regional Planner, you need skills to understand, analyze, interpret and optimize urban activities and land uses. You require capacities to prepare integrated plans and strategies to solve problems and promote beneficial development. This will involve consultation with local governments, communities and stakeholders. This unit provides you with practical experience to develop and apply these skills of integrated urban planning.

UDN512 Community Planning

Equivalents	UDB472, DBP411
Credit Points	12
Campus	null

Planners work with a wide range of communities and therefore need to understand and address an equally wide range of issues and concerns. Community planning offers an inclusive approach based on participatory processes that can match this comprehensive array of responsibilities.

UDN514 Regional Planning Practice

Equivalents	UDB474, DBP413
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

As the culminating practice unit in the course, Regional Planning Practice focuses on regional and metropolitan scales to develop your capacities for larger scale, strategic-level planning. In doing so, the unit provides opportunities to further develop and apply wide-ranging skills of analysis, problem-solving and synthesis introduced and explored earlier in Planning Processes and Regional and Metropolitan Policy to real world situations.

UDN516 Master Concepts and Ethics Seminar

Equivalents	UDB473
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit provides the integrating core to the Masters Program in Urban & Regional Planning. Discussions link professional practice to its wider contemporary contexts. .In order to derive full benefit from your advanced studies as a Masters student, you will exchange views on ideas and practice with each other and with experienced practitioners and academics. The application of concepts to practice defines the essence of planning and provides important insights that enable the planner to respond to critiques from other disciplines or project partners. Concepts provide planners with opportunities for reflection and self-evaluation and justification for shaping their own roles in the profession. By helping you to understand the forces shaping the profession, they add depth to the practitioner and better enable the planner to contribute fully to the advancement of the profession.

UDN551 History of the Built Environment

Equivalents	UDB162
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit uses examples from the global development of human settlement to demonstrate the importance of interactions between the environment, society, and technology in shaping the built environment. Students will gain an appreciation of the important role played by history in forming the context for contemporary society, policy making, and design.

UDN552 Population and Urban Studies

Equivalents	UDB164
Credit Points	12
Campus	null

This unit introduces the students to the demographic, economic, social and physical aspects of our cities to help understand the nature of cities we live in. The topics covered include: demographic and economic changes in cities, theoretical models of cities, issues such as social diversity, gentrification, masterplanned communities, and public spaces in cities.

UDN553 Site Planning

Equivalents	UDB265, PSP268
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

The objective of this unit to assist students in learning and applying site planning theories and processes for a given site/areas within a city. The topics covered include: user stakeholder analysis, character analysis, site survey and site analysis, development of proposals.

UDN554 Planning Processes and Consultations

Equivalents	UDB266, DBP402
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Students learn how land uses are generated and can be planned. They study the logic, role and methods of successive stages of planning processes including aims, information analysis and synthesis, evaluation, strategy development, monitoring and review. They learn how to consult widely in the community and with other professionals to develop and apply flexible and widely relevant planning processes.

UDN555 Development Assessment and Infrastructure

Equivalents	UDB267
Credit Points	12
Campus	null

The aim of this unit is to provide students with a grounding in the issues and skills related to the assessment of development applications and planning related to infrastructure. The unit will be conducted in two sections. The first will introduce students to the relevant legislation, procedures, and techniques associated with development assessment. The second will give students an understanding of issues related to the provision and maintenance of technical and social infrastructure, with particular reference to the importance of sustainability and the emergence of new technology and systems.

UDN556 Development Process

Equivalents	UDB302
Credit Points	12
Campus	null

This unit will address the development process within the framework of a multi-disciplinary activity focusing on a practical exercise for the preparation and lodgement of a development application. This framework will expose students to the manner within which sustainable land development should occur. The unit relies on and brings together, within the practical exercise, the knowledge and skills-set exposed to students in earlier units dealing with stewardship of land, sustainability and economics. The focus on the practical exercise will demonstrate in context the multi-disciplinary range of social, economic and ecological issues that practicing land development professionals need to understand and apply to demonstrate the comparative benefits and likely success of a development proposal.

UDN557 Urban Design

Equivalents	UDB368
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This studio unit develops skills in urban design analysis and intervention through the transformation of urban design theory into policies and design

proposals. Students are introduced to the production of urban design instruments (such as strategies and frameworks) and effective communication of desired urban design outcomes. Where possible, students participate in live projects, with inputs from industry, government and communities.

UDN558 Regional and Metropolitan Policy

Equivalents	UDB475, DBP414
Credit Points	12
Campus	null

Students learn to focus and apply material from a wide range of disciplines and locations to understand and develop current regional and metropolitan policy. Issues of global, national and state regionalism, demography, economics, human services, central place theory, regional resource evaluation and public administration are related to work in the Regional Planning Practice unit.

UDN572 Infrastructure Planning and Management

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

It is essential for professionals practicing in the field of infrastructure to understand what is infrastructure, the basic principles of infrastructure planning, condition assessment, monitoring of the condition of the asset, maintenance strategies, funds requirement, life cycle costing, annual budgeting for maintenance and rehabilitation, and prioritising maintenance strategies for optimum return on investment.

UDN574 Water Resource and Waste Management

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit will provide you with an in-depth understanding of the important issues in water and waste management within the urban environment and particularly the infrastructure management discipline. The management of water and waste are among the essential factors which influence the economic, social and environmental viability of urban areas. In most parts of the world including Australia, water is a limiting resource. The prudent management of the diverse water sources available, the provision of water 'fit for purpose' to meet human and ecosystem needs and the adoption of strategies for optimising of conveyance infrastructure is critical for the long-term sustainability of human settlements. The development and management of systems for the collection, transport and re-use and disposal of various waste streams forms an important activity to ensure the sustainability of urban areas.

UDN576 Transportation Infrastructure

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

This unit has been developed to provide you with an in-depth understanding of the critical issues in the area of transportation infrastructure. The effective management of transportation infrastructure is essential for economic and social considerations. As expansion and development of transportation infrastructure continues to support a nation's economy, prudent management of transportation infrastructure to provide a desired level of serviceability are critical for the long-term sustainability of economic development.

UDN590 Project Scope and Risk Management

Equivalents	UDZ590, CNP521
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit focuses upon the project management functions of controlling project scope and risk. Using the fundamentals of project management as a point of departure, the administration of scope and risk is integrated within the context of the project life cycle. Both the client and project delivery stakeholders' perspectives are explored. Scope Management is the foundation of a project. Developed on a clarified scope baseline, Risk Management safeguards the whole process, as well as the outcome of a project. Through this unit, you will develop skills in outlining activities to be performed within a project, including procedures for information capture, storage, reporting and communication, and risk identification, response and treatment system.

UDN592 Resource, Schedule and Performance Management

Equivalents	UDZ592
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

Resources and time are key performance targets during project management exercises. By undertaking this unit, you will develop skills necessary to manage project cost, schedule, and resources, and the ability to appreciate and apply methodologies for monitoring and evaluating project performance.

UDN594 Procurement and Delivery Strategies

Equivalents	UDZ594
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

It is imperative that project managers have a comprehensive understanding of all of the critical elements within the procurement process. They also need to possess the necessary skills, knowledge and understanding to avoid disputes and minimize the risks of unsuccessful contract outcomes. This unit will cover these essential elements of project management.

UDN596 Human Resource and Organisational Culture

Equivalents	UDZ596
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

In the management of projects, it is essential that human resources are effectively coordinated, managed and motivated to achieve the collective and individual outcomes critical for the success of the project. This unit introduces you to the skills necessary to manage these human resources as part of your overall project management approach.

USB100 Understanding the Built Environment

Equivalents	UDB101
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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	null

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

Equivalents	UDB344
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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 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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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.

USB341 Money and Property

Pre-requisites	USB245 or UDB246
Equivalents	UDB341
Credit Points	12
Campus	null

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	null

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 not only their competency in using these products, but also 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.

USB343 Boutique Valuations

Pre-requisites	USB242
Equivalents	UDB247
Credit Points	12
Campus	null

This unit 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	null

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. Students have the opportunity to apply their knowledge learnt from previous units to a property related issue or problem of their own choice and to carry out an independent and in depth study that will provide the opportunity to extend and broaden their understanding of the chosen issue. This unit allows students to prepare for their transition to the professional world.

UXB110 Residential Construction

Equivalents	UDB110
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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.

Units

UXB111 Imagine Construction Management

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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

Pre-requisites	UXB110 or UDB110
Equivalents	UDB113
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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

Pre-requisites	UXB110 or UDB110
Equivalents	UDB112
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

Managing multiple phases of projects will be one of your key professional tasks as a construction manager. In this unit you will be asked to integrate the construction process: surveying of a site; design and documentation of a new single level dwelling to a standard appropriate for building approval including architectural and structural design, construction materials and building services; statutory obligations and the building approval process; measuring and cost planning; design economics, cost and value concepts, cost information systems, cost modelling; construction planning and site layout. This unit complements concepts from Residential Construction and lays the foundation for an integrated approach to construction management through the rest of your course.

UXB120 Introduction to Heavy Engineering Sector Technology

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

The unit looks at the interactions of forces 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
Teaching Periods	2014 SEM-1 (INT)

This unit, generally taken by first year students in QUT's planning course, emphasises development of a broad understanding of the role of urban and regional planning in society. You will participate in discussions of contemporary plans, programs and policies which guide development, and engage with theory through exploration of place. Individual and group work undertaken in this unit is intended to help you develop project management, research and software skills necessary for further university study and eventual professional practice.

UXB132 Urban Analysis

Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-1 (INT)

This unit equips you with the necessary skills to comfortably undertake statistical and spatial analysis of cities and regions. Lectures will be based thorough urban analysis and will introduce a variety of quantitative analysis techniques, with hands-on exercises during the practical sessions.

UXB133 Urban Studies

Equivalents	UDB164
Credit Points	12
Campus	Gardens Point
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-2 (INT)

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	null

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. The unit is centred on legislative requirements; on-site inspections; site management techniques; temporary works & construction plant requirements, labour; In-ground construction; external treatments (cladding); formwork; bracing and stability; services co-ordination; landscaping; environmental, building defects, disabled access; universal design; load-bearing masonry; services co-ordination; internal fit-out; tilt panel and portal/steel frame construction. 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	null

This unit develops your knowledge, skills and application for Building services. The unit focuses on Fire Services: Fire detection, suppression and extinguishment; statutory requirements for maintenance of essential active fire services; Hydraulics Services: Building hydraulic services including water supply, fire protection and sanitary waste disposal systems. Mechanical Services: Air movement; Types of ventilation; Air-conditioning systems and heating; Installation procedures and the issue of confined spaces; Basis of design and effect of architectural style; Electrical Services: Transformers, sub-stations, switchboards, protection devices, lighting systems, stand-by generators, security systems; systems monitoring and energy management; vertical transportation systems. Energy Efficient Services: Examination of energy efficient design on 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 Highrise Construction Management and Services & Heavy Engineering Measurement

UXB212 Designing Structures

Pre-requisites	UXB112 or UDB111
Equivalents	UDB311
Credit Points	12
Campus	null

This unit will provide you with an understanding of structural engineering analysis examining structural principles, structural action, load paths and equilibrium. Structural characteristics are examined through first principles including tension, compression, bending and shear forces. You will be taught techniques for the study and analysis of engineering components and systems, to develop a sound understanding of how a building achieves structural stability and equilibrium through its load paths. Quantitative and qualitative techniques and approximation methods are taught as well as the use of computer software in structural analysis, with relevant Australian Standards as the basis for examination.

UXB213 Advanced Measurement for Construction

Pre-requisites	UXB113 or UDB113
Equivalents	UDB212
Credit Points	12
Campus	null

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 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	null

The unit develops your knowledge, skills and application for estimating techniques to quantify cost; Fundamental elements and methods of evaluating labour, materials and equipment costs to realistic levels of accuracy; Unit rate approach to assessing the base estimate for major trades; Assessment of offers from sub-contractors and implications for tendering with respect to risk, quality and ethical responsibilities; Functional estimating and the significance of method, time and assembly of information to estimating; Review of an estimate, determination of profit; letters of offer; Subsequent negotiations prior to award of a contract; application of estimating to variations and profit monitoring; Linking best value procurement assessment to outcome performance indicators (including tender evaluation criteria). 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	null

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	null

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	null

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 144cp of completed study
Equivalents	UDB369
Credit Points	12
Campus	null

This unit introduces you to the theory and practice of negotiation and conflict resolution, specifically as it applies to the built environment. 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. It links to a previous unit in planning processes undertaken by students in the planning course, prepares students for negotiations implicit in professional practice, and for critical analysis of built environment disputes.

UXB233 Planning Law

Pre-requisites	UXB231 or UDB266
Equivalents	UDB267
Credit Points	12
Campus	null

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.

Units

UXB310 High-rise Construction

Pre-requisites	UXB210 or UDB210
Equivalents	UDB310
Credit Points	12
Campus	null

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 Residention Construction, Commercial Construction, and Designing Structures

UXB311 Contract Administration

Pre-requisites	LWS012 or UDB102
Equivalents	UDB312
Credit Points	12
Campus	null

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.

UXB312 Construction Legislation

Pre-requisites	(LWS012 or UDB102) and (UXB211 or UDB215) and (UXB310 or UDB310)
Equivalents	UDB314
Credit Points	12
Campus	null

This unit teaches building law specifically relevant to construction. You will study of the Building Code of Australia and Building Regulations, which control the design and construction of building work, with an emphasis on all building law. You will examine Arbitration; the agreement, appointment of an arbitrator; Conduct of an arbitrator; Powers and duties; Enforcement of an award, costs; Alternative dispute resolution. It builds upon your legal understanding in Introduction to Law, and complements legal frameworks you will learn in Modern Construction Business. It requires an understanding of construction derived from High-Rise Construction and Building Services.

UXB314 Modern Construction Business

Pre-requisites	BSB113 or UDB104
Equivalents	UDB202
Credit Points	12
Campus	null

This unit aims to prepare 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.

UXB321 Cost Planning and Controls

Pre-requisites	UXB114 or UDB112
Equivalents	UDB316
Credit Points	12
Campus	null

Introduction to the fundamental principles of cost management (design and construction cost planning and cost controls) including the nature and purpose of cost planning and cost controls; Various approaches and formats to cost reporting, including contract costing (historical accounting) and anticipatory (forecast final cost / value); Design economics, cost and value concepts, methods of infrastructure design and cost information systems, cost modelling, cost analyses, cost indices, cost data, cost implications of design variables; Life cycle costing and modelling including; Value management, including energy efficiency in infrastructure, and value alignment process for project delivery; Asset management and infrastructure maintenance.

UXB330 Urban Design

Pre-requisites	UXB230 or UDB265
Equivalents	UDB368
Credit Points	12
Campus	null

This studio unit develops skills in urban design and communication. You will learn, practice and apply urban design processes including analysis, conceptual design, and design development, as well as multimedia, 2D and 3D communication skills and techniques. You will have the opportunity to engage with industry and/or community partners as you develop a proposal for a selected site in Brisbane.

UXB331 Environmental Analysis and Planning

Pre-requisites	((UXB230 or UDB265) and (UXB330 or UDB368)) or (ENB274 or DLB600 or DAB525)
Equivalents	UDB370
Credit Points	12
Campus	null

This unit increases your understanding of environmental planning and management 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.

UXB332 Transport Planning

Pre-requisites	144 Credit Points in completed study
Equivalents	BEB801
Credit Points	12
Campus	null

The purpose of this unit is to examine travel behaviour as both a catalyst for and a policy objective of urban and regional planning. Unit topics include an overview of issues and problems associated with travel behaviour; planning approaches to accommodating and/or managing demand and mode share; and research methods guiding policy related to travel behaviour.

UXB400 Research Project 1 - Part A

Co-requisites	SEB400
Equivalents	BEB801 when completed with UDB301 as a contiguous research project.
Credit Points	12
Campus	null

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.

UXB400 Research Project 1 - Part B

Pre-requisites	UXB400-1
Equivalents	BEB801 when completed with UDB301 as a contiguous research project.
Credit Points	12
Campus	null

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.

UXB410 Strategic Construction Management

Pre-requisites	UXB310 or UDB310
Equivalents	UDB410
Credit Points	12
Campus	null

Strategic Construction Management is a capstone unit that brings together all the skills and knowledge you have acquired to date. It is the last of a series of construction units and consolidates skills learned throughout your degree. Construction Managers need to develop critical skills, knowledge and capability to manage various tasks necessary to run a profitable construction business. 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. The unit will cover the process of strategically managing a construction business, including bidding, estimating, human resource management, marketing, cost and financial management and purchasing. The day-to-day processes of managing a business such as effective resource management on projects, structuring budget documents, managing sub-contractors, and dealing with clients and other stakeholders are studied on a conceptua

UXB411 Programming and Scheduling

Pre-requisites	(UXB210 or UDB211) and (UXB213 or UDB212)
Equivalents	UDB313
Credit Points	12
Campus	null

This unit covers the following: Project time and resource planning techniques such as bar charts, critical path networks (precedence, time scales, and activity on arrows); Line of balance; Resource allocation and levelling; Schedule updates and progress control; Delays and claims analysis. Applications of computer-based project planning software will form an important part of your study in this unit.

UXB420 Risk Management in the Resources Sector

Pre-requisites	(UXB120 and UXB321) or UDB316
Credit Points	12
Campus	null

This unit develops your knowledge, skills and application within the resources sector 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 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.

UXB430 Planning Theory and Ethics

Pre-requisites	192 Credit Points in completed study
Equivalents	UDB473
Credit Points	12
Campus	null

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.

UXB431 Urban Planning Practice

Pre-requisites	UXB231 or UDB266
Equivalents	UDB471
Credit Points	12
Campus	null

The unit consists of the preparation of a Local Area Planning Strategy, which includes identifying problems and potentials; developing appropriate objectives, policies and options; producing an indicative land use strategy to locate public and private investment and development; and identifying the necessary government, business and community actions required for coordinated implementation. The unit aims to impart and develop skills of planning appraisal, analysis and proposal preparation at the urban scale, using real world planning situations and problems. As an Urban and Regional Planner, you will need skills to understand, analyse and interpret urban planning issues. You will require the capacity to prepare integrated plans and strategies to solve problems and promote beneficial development. This involves consultation with local governments, communities and other stakeholders. This unit provides you with practical experience in developing and applying integrated local area planning skills.

UXB432 Community Planning

Pre-requisites	(UXB231 or UDB266) and192cp of completed study
Equivalents	UDB472
Credit Points	12
Campus	null

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.

UXB433 Regional Planning

Pre-requisites	192 Credit Points in completed study
Equivalents	UDB475
Credit Points	12
Campus	null

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

Equivalents	PUB201
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

XNB171 Fitness, Health and Wellness

Equivalents	HMB171
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

The dimensions and interrelationships of health, physical activity and wellness are studied. Basic principles of conditioning and exercise prescription necessary to demonstrate the impact of physical activity on lifestyle diseases, health behaviours and wellness are examined. Principles and theory of behaviour change are employed.

XNB172 Nutrition and Physical Activity

Equivalents	HMB172
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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.

XNB190 Design and Technology

Equivalents	PUB113
Credit Points	12
Campus	null

Technology and design are an integral part of the practice of home economics, facilitating effective responses to challenges in the contexts of food, locales and living environments. Personal

understanding of and experience with design, creativity, research and innovation are needed to participate productively and sensitively within local and global communities.

XNB191 Home Economics Curriculum Studies 1

Co-requisites	EDB002 and EDB031
Equivalents	PUB343
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit explores the nature of home economics, its contribution to the broader goals of schooling and the unique features that characterise home economics teaching and learning. It links discipline studies, curriculum studies and field experiences.

XNB192 Home Economics Curriculum Studies 2

Pre-requisites	XNB191 or PUB343
Equivalents	PUB643
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit is the second in a suite of three curriculum units studied concurrently with Teaching and Learning Studies 3 and Field Studies 2. The unit provides students with opportunities to develop knowledge and skills pertinent to the professional educator, including the ability to critique current paradigms. Learning experiences are organised to build deeper understanding of outcomes based syllabuses. This knowledge is applied to the design and management of learning environments and practices that engage learners. The importance of self regulatory practice is emphasised.

XNB193 Advanced Home Economics Curriculum Studies

Pre-requisites	XNB192 or PUB643
Equivalents	PUB743
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit introduces students to the theoretical and practical knowledge and skills required by an effective practitioner in the complex social environment of the home economics classroom. There are opportunities to observe, explore, analyse, implement and reflect on learning and teaching strategies that can be used to enhance the learning for the diversity of students found in any classroom.

XNB194 Textile Studies

Equivalents	PUB321
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

In this unit scientific understandings, production techniques and design skills related to textiles are explored. These are applied to written and practical individual textile projects.

XNB195 Hospitality Studies

Equivalents	PUB355
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit explores the use of relevant management principles, safe and hygienic work practices, effective communication skills, the mastery of techniques in food production and presentation associated with vocational education and industry.

XNB196 Textiles 2

Pre-requisites	XNB194 or PUB321
Equivalents	PUB361
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit further develops your textile knowledge and skills as gained in Textile Studies, and adds to your understanding of the role, development and impacts of textiles in society. The unit focuses on applying your skills in group and individual work in a design studio environment.

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
Teaching Periods	2014 SEM-1 (INT)

This unit includes lectures and laboratory based workshops covering the theory and practical application of food science. Food Science links to the work previously undertaken in XNB151 Food and Nutrition, and prepares you for units that require practical knowledge and skills in food and food preparation as part of interventions to prevent or manage food and nutrition-related issues. It is also required to inform the development and delivery of educational sessions related to food or nutrition. Food Science is essential for preparing you to undertake placement based units in nutrition, dietetics.

XNB251 Nutrition Science

Pre-requisites	(LSB308 or LQB381) and (XNB151 or PUB201)
Co-requisites	LQB481
Equivalents	PUB405
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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
Equivalents	PUB648
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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 Foundations of Motor Control, Learning and Development

Pre-requisites	LSB131 or LSB231 or LSB255
Equivalents	HMB271
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit introduces students to the behavioural and neural bases of movement control through an examination of the central nervous and neuromuscular systems, hierarchical control, human information processing and dynamical systems. It covers elements of sensory mechanisms related to movement. Foundations of motor learning and adaptation are introduced, linking underlying mechanisms of learning with principles that may be applied in teaching, coaching and rehabilitation.

XNB272 Biomechanics

Pre-requisites	LSB131
Equivalents	HMB272
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit includes the application of mechanics as they apply to Human Movement including: kinematics and dynamics of human body models; quantitative analysis; impact; work and power; fluid dynamics; material properties.

XNB273 Exercise Physiology 1

Pre-requisites	LSB231 or LSB142 or LQB388
Equivalents	HMB273
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit describes the immediate physiological responses to exercise, and the adaptations that occur with long-term exercise training. Exercise places a demand on the human body to provide sufficient energy to perform. The metabolic, hormonal, cardiovascular and pulmonary systems must adapt to meet the challenge of homeostasis. The active skeletal muscle must increase extraction and utilisation of oxygen and other fuels, the

cardiovascular system must respond to improved gas and fuel transport, and lung function must change to facilitate increased respiratory gas exchange. NOTE for Summer Semester students: Teaching will not commence until January 2010, but some unit information will be available from 16 November 2009. Students wishing to enrol up to the beginning of January will need to email enquirieshms@qut.edu.au

XNB274 Functional Anatomy

Pre-requisites	LSB131 or LSB255
Equivalents	HMB274
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit includes the following: surface anatomy of the trunk and upper and lower limb; morphological and mechanical properties of bone, muscle-tendon units with implications for physical activity; joint structure and function; analyses of movement tasks including walking and running; cinematography and electromyography in functional anatomy of movement tasks.

XNB275 Exercise and Sport Psychology

Pre-requisites	PYB100 or PYB012 or EDB002
Equivalents	HMB275
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit introduces exercise and sport psychology. The primary focus of this unit is the understanding of psychological principles and issues related to participation and adherence in physical activity, exercise and sport.

XNB276 Research in Human Movement

Equivalents	HMB276
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit includes principles of research: purposes, philosophy, applications. It addresses quantitative research including basic statistics, descriptives, ANOVA, correlation, regression and non-parametrics, and basic research design hypothesis testing. Qualitative research includes methodology, data collection, and theory building. Research presentation includes: writing a research report and developing conclusions. This unit also considers application of research, examples in human movement, related literature, computer data analysis, and information retrieval.

XNB277 Exercise and Sport Nutrition

Pre-requisites	XNB172 or HMB172 or XNB151 or PUB201
Equivalents	HMB277
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit will provide you with concepts related to the relationship between nutrition and exercise/physical activity. It builds on introductory nutrition and physical activity and includes dietary and energy requirements in exercise and sport; the influence that nutrition has on performance; and the use of nutritional supplements and water and electrolyte balance in exercise and sport. It covers recommendations for individuals and more broadly for population groups.

XNB282 Resistance Training

Pre-requisites	LSB131
Equivalents	HMB282
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit aims to equip students with the basic knowledge, skills and competencies required for exercise prescription in resistance training for muscular fitness. Students build on prior knowledge of biomechanics, anatomy, physiology and motor control to develop understanding of the mechanical and physiological determinants of muscular fitness. The unit incorporates a blend of theoretical background, practical knowledge and skills in the main areas of muscular hypertrophy, strength, power and endurance. This understanding is then used to critically analyse resistance training programs.

XNB283 Wellness Processes and Strategies

Pre-requisites	XNB171 or HMB171
Equivalents	HMB338
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit examines the adoption of health behaviours that contribute to the attainment of optimal health, wellness and quality of life. It reviews how various dimensions of health and fitness together form the basis of an individual's well-being, and traces the achievement of a high level of wellness through awareness, education and growth.

XNB291 Health and Physical Education Curriculum Studies 1

Pre-requisites	(XNB171 or HMB171) and (XNB295 or HMB315)
Equivalents	HMB231
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit provides students with a range of understandings and competencies for interpreting and managing the physical education environment for teaching and learning. It assists students to develop competencies needed for lesson planning and teaching at all school levels.

XNB293 Understanding Physical Activity Participation

Equivalents	HMB313
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit lays a foundation in the disciplines of the socio-cultural areas which underpin the study of human movement. It serves as an introduction to the historical, sociological, philosophical, anthropological and cultural foundations of sports, games and leisure activities.

XNB294 Constraint Based Learning in Performance Activities

Equivalents	HMB314
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

XNB295 Constraint Based Learning in Games and Sports

Equivalents	HMB315
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

In this unit various game forms are analysed in order to identify fundamental game skills and problem areas in skill development. Emphasis is placed on the application of relevant movement knowledge and skills to suit game situations and on learning appropriate strategies for teaching and coaching selected games.

XNB298 Foundations of Movement for Educators

Equivalents	HMB278
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit provides an opportunity for critical inquiry and analysis of human movement from a multidisciplinary perspective. The integration of the human movement principles of sub-disciplines (functional anatomy, biomechanics, motor control, sociology of sport and physical activity and development) are evaluated and applied to coaching of sport and teaching and learning in physical education.

XNB350 Community and Public Health Nutrition

Pre-requisites	XNB151 or PUB201
Equivalents	PUB509
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

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.

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
Teaching Periods	2014 SEM-1 (INT)

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.

XNB352 Foodservice Management

Pre-requisites	XNB250 or PUB474
Equivalents	PUB506
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

XNB353 Dietetic Communication, Counselling and Practice

Pre-requisites	(XNB351 or PUB641) and completion of 240cp including all core units
Co-requisites	XNB354
Equivalents	PUB645
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

XNB354 Advanced Food Studies

Pre-requisites	XNB351 or PUB641
Co-requisites	XNB353
Equivalents	PUB628
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

XNB355 Nutrition Assessment

Pre-requisites	XNB151 or (XNB172 and XNB252)
Credit Points	12
Campus	null

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.

XNB370 Performance Analysis

Pre-requisites	(XNB271 or HMB271) and (XNB272 or HMB272) and (XNB273 or HMB273) and (XNB274 or HMB274)
Equivalents	HMB347
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

-

XNB371 Motor Control and Learning 2

Pre-requisites	XNB271 or HMB271
Equivalents	HMB371
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

This unit includes the following: measurement techniques within biomechanics; analysis of force systems; photographic, goniometric andaelectrographic 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
Teaching Periods	2014 SEM-1 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

-

XNB376 Motor Development in Children

Equivalents	HMB376
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit includes the theoretical perspective of normal and abnormal motor development, incorporating maturational, descriptive and behavioural aspects and the underlying sensory, perceptual, neurological and cognitive changes which influence motor development in children. A theoretical understanding of developmental differences and development delay in children with intellectual, sensory or physical disability. Experience is obtained in developmental and adapted physical activity programs.

XNB377 Children in Sport

Equivalents	HMB377
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit includes the following: physical development of the young athlete; physical maturation; benefits of participation in sport and physical activity; psycho-social issues; positive and negative effects of participation including competitive stress; injuries to the growing skeleton; overtraining, overuse injuries; strength training in childhood and adolescence; promotion of safety in sport; accreditation of teachers and coaches; policy guidelines for junior sport; Aussie sport program.

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
Teaching Periods	2014 SEM-2 (INT)

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
Teaching Periods	2014 SEM-1 (INT)

This unit builds on foundation units to examine selected disorders of human movement that have a neurological, psychological or musculoskeletal basis. The unit identifies major features of each disease together with assessment methods, and forms the basis for subsequent units in clinical exercise prescription.

XNB382 Principles of Exercise Prescription

Pre-requisites	(XNB273 or HMB273) and (XNB282 or HMB282)
Equivalents	HMB382
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

-

XNB385 Principles of Exercise Programming

Pre-requisites	XNB382 or HMB382
Co-requisites	XNB470
Equivalents	HMB385
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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	null

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
Teaching Periods	2014 SEM-2 (INT)

This unit extends the principles of professional practice established in the first curriculum studies unit and further encourages students to develop a critically reflective approach to teaching. Students learn how to extend 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 and develop competencies needed for planning and teaching a range of health and physical education units of work. Current health and physical education curriculum documents are explored.

XNB395 Personal Health

Equivalents	HMB305
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

Lifestyle is largely determined by an individual functioning in a socio-environmental context that places some limitations on choice and resultant health. This unit is designed to assist individuals to develop a positive self-concept, a sound knowledge of lifestyle issues and their implications, and decision-making skills necessary to make wise choices. The focus of this unit is the development of such qualities for personal maintenance and improvement. Movements in this direction are achieved by analysing the processes involved in developing individuals capable of taking control of their lifestyles and resultant health. Much of this analysis will be self-focused.

XNB396 Child and Adolescent Health

Equivalents	HMB333
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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

Pre-requisites	XNB291 or HMB231
Equivalents	HMB337
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

XNB450 Nutrition and Dietetic Project

Pre-requisites	PUB416 and (XNB353 or PUB645). XNB353 can be enrolled in the same teaching period as XNB450
Equivalents	PUB720
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

This unit provides an opportunity to identify a relevant nutrition area for further investigation and to undertake a research project or literature review, under the supervision of a qualified dietitian practitioner.

XNB451 Clinical Practice in Individual Dietetic Case Management

Pre-requisites	(XNB353 or PUB645) and (XNB351 or PUB641) and (XNB352 or PUB506)
Equivalents	PUB723
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 PUB509)
Equivalents	PUB725
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 Clinical Practice in Community and Public Health Nutrition

Pre-requisites	(XNB350 or PUB509) and (XNB251 or PUB405) and LQB488
Anti-requisites	XNB452
Equivalents	PUB875
Credit Points	12
Campus	null

This unit is a capstone unit and converges your knowledge, skills of project planning from XNB350 into a Work Integrated Learning placement in a community setting. You will plan, implement and evaluate a nutrition project with a group, community or population as part of a team and undertake nutrition educations and career development modules to prepare you for the next stage of your career.

XNB454 Clinical Practice in Foodservice Management

Pre-requisites	Completion of 288 cp including (XNB353 or PUB645) and (XNB352 or PUB506)
Equivalents	PUB822
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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 PUB509)
Equivalents	PUB730
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

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

XNB456 Dietetic Leadership and Management

Pre-requisites	Completion of 288cp including (XNB353 or PUB645) and (XNB351 or PUB641) and (XNB351 or PUB506)
Equivalents	PUB606
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-2 (INT)

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.

XNB457 Contemporary Issues in Nutrition and Dietetics

Pre-requisites	XNB353, XNB354, XNB451, XNB452, XNB454 and XNB456. XNB451, XNB452, XNB454 and XNB456 can be enrolled in the same teaching period as XNB457.
Anti-requisites	HLB402
Credit Points	12
Campus	null

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 Practicum 1

Pre-requisites	(XNB382 or HMB382) and (XNB385 or HMB385). XNB385 can be taken in the same study period as XNB470
Equivalents	HMB470
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

In the first of the Human Movement dedicated practicum units, students undertake in-depth experience at two different workplaces (40 hours each) while maintaining ongoing involvement in the School's clinics (20 hours). The student is provided with an extended opportunity to apply classroom learned knowledge and skills under the supervision of Human Movement Practitioners. Workplace involvement is preceded by a vocational skill seminar and workshop program while an interactive analysis program is instigated post practicum. [Designated unit]

XNB481 Clinical Exercise for Cardiorespiratory and Metabolic Disorders

Pre-requisites	(XNB380 or HMB373) and (XNB382 or HMB382)
Equivalents	HMB481
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit covers the whole range of activities 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.

XNB482 Clinical Exercise for Neurological, Psychological and Musculoskeletal Disorders

Pre-requisites	XNB381 or HMB378
Equivalents	HMB482
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit covers the whole range of activities associated with the assessment and programming of exercise and activity for individuals with neurological, psychological 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.

XNB484 Practicum A

Pre-requisites	(XNB470 or HMB470) and (XNB481 or HMB481) and (XNB482 or HMB482). XNB481 and XNB482 can be enrolled in the same teaching period as XNB484.
Equivalents	HMB484
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This practicum unit examines the assessment and programming of exercise and activity for individuals with cardiorespiratory and metabolic disorders. You will experience working with clients/patients utilising the skill sets of screening, assessment, prescription and evaluation of exercise and activity in the treatment and management of these disorders, including disease-specific considerations.

Units

XNB485 Practicum B

Pre-requisites	(XNB470 or HMB470) and (XNB481 or HMB481) and (XNB482 or HMB482). XNB481 and XNB482 can be enrolled in the same teaching period as XNB485
Equivalents	HMB485
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This practicum unit examines the assessment and programming of exercise and activity for individuals with neurological disorders and musculoskeletal conditions. You will experience working with clients/patients utilising the skill sets of screening, assessment, prescription and evaluation of exercise and activity in the treatment and management of these conditions and disorders, including disease-specific considerations.

XNB486 Practicum C

Pre-requisites	(XNB470 or HMB470) and (XNB481 or HMB481) and (XNB482 or HMB482). XNB481 and XNB482 can be enrolled in the same teaching period as XNB486
Equivalents	HMB486
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT); 2014 SEM-2 (INT)

This practicum unit will allow you to undertake a clinical or non-clinical placement depending on your interests and as negotiated with the Placement Coordinator.

XNB491 Advanced Health and Physical Education Curriculum Studies

Pre-requisites	XNB391 or HMB331
Equivalents	HMB431
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2014 SEM-1 (INT)

This unit develops students' competencies in the effective planning and implementation of school work programs and units of work consistent with the Senior Physical Education Syllabus. It will also develop students' skills and confidence in effective teaching practices specifically related to teaching physical education and will assist them to become independent and reflective learners.

XNN001 Population Nutrition and Physical Activity Assessment

Equivalents	PUN552
Credit Points	12
Campus	null

This unit focuses on the methods and special features of assessing and monitoring nutrition and physical activity in individuals, groups and whole populations.