Unit Synopses

AMB031 Mandarin 1

Anti-requisites	HHB051 and HUB453
Equivalents	AMX031, HHB031
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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; family, identification of nationalities, places and 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	2013 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	2013 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	2013 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	2013 SUM-2 (BLK); 2013 6TP4 (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

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	Gardens Point

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	Gardens Point

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

AMB045 Business Chinese - English Translation 1

Other requisites	Enrolment in this unit is subject to Unit Coordinator approval, based on a face to face interview to determine level of language ability in Chinese and English
Credit Points	12
Campus	Gardens Point

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	2013 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.

AMB120 Bridging Cultures

Pre-requisites	Completion of 96 credit points or more of study
Equivalents	HHB001
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 6TP4 (INT); 2013 SEM-2 (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
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	Gardens Point and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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

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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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	2013 SEM-1 (INT); 2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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, design, innovation, research and testing, new product financial analysis, branding and packaging, 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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

Please contact the School of AMPR for more information.

AMB302 Project

Other requisites	Subject to Unit Coordinator Approval
Credit Points	24
Campus	Gardens Point

Please contact the School of AMPR for more information.

AMB303 International Logistics

Pre-requisites	AMB210, IBB210, AMB240, or CTB240
Equivalents	AMX303, IBB303
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

The unit provides a work integrated learning experience for undergraduate students majoring in advertising, international business or logistics, marketing or public relations. Students undertake a placement with approved industry and community partners, learning through authentic activities that are planned and assessed.

AMB318 Advertising Copywriting

Pre-requisites	AMB220 or COB308
Equivalents	AMB221, AMX318
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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AMB319 Media Planning

Pre-requisites	AMB220
Equivalents	AMB222, AMX319
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 SEM-2 (INT)

Advertising Management is designed to shift student thinking from a tactical to a strategic level. Instead of taking the approach of, "This is what happens in advertising", it challenges students by raising important contemporary issues in advertising management practice and asking, "What should be done?". Advertising Management is an issues-based unit, which uses case analysis to foster critical thinking and problem solving. It encourages students to understand and take ownership of the advertising management process and, in doing so, build a better advertising industry.

AMB330 Digital Portfolio

Pre-requisites	AMB318 or AMB221, and AMB319 or AMB222
Equivalents	AMX330
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

This advanced unit leverages and extends the theoretical perspectives and applied skills introduced to students in copywriting, media and advertising management. It explores the digital environment, interrogates digital platforms and integrates critical research, planning and an understanding of analytics into digital campaign development. This digital understanding is then applied in two ways. Firstly, students draw from critical thinking and problem solving skills to critique digital campaigns and agency best practice in a weekly blog. Secondly students apply their understanding to develop a digital portfolio in their chosen vocational area.

AMB331 Direct Marketing

Pre-requisites	AMB202, AMB220, AMB240, CTB240, or AMB249
Anti-requisites	COB315
Equivalents	AMX331
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	Gardens Point and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT); 2013 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	Gardens Point and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 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 Sales and Customer Relationship Management

Pre-requisites	AMB240, CTB240, AMB202, COB207, MIB217, or AMB249
Anti-requisites	MIB230
Equivalents	AMX350
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

Theories related to marketing exchange and the concepts of consumer transactions and relationships and their relative importance in different marketing contexts are examined. The growth of customer relationship management including the transition of consumers along the transaction-relationship continuum and the development of accompanying marketing strategies is highlighted. A discussion of the relative emphasis on transactions and/or relationships in interfacing with the market provides a platform for examining sales management including, personal selling principles and ethics, the setting of sales objectives, selling logistics, account and territory management, sales force planning, recruitment and motivation and evaluation of sales performance.

AMB359 Strategic Marketing

Pre-requisites	AMB340, and AMB335 or AMB241
Equivalents	AMB341, AMX359
Credit Points	12
Campus	Gardens Point and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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 Corporate Communication

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

Corporate Communication provides students with the opportunity to build on and apply their understanding of public

relations to an in-house corporate role. Students gain an overview of an organisation relevant to the practice of public relations at a senior level in organisations by investigating internal communication processes, corporate reputation, corporate social responsibility, organisational culture and change and issues and crisis management.

AMB374 Global Public Relations Cases

Pre-requisites	AMB372, AMB261, or AMB262
Equivalents	AMB370, AMX374
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

Global Public Relations Cases will apply the theoretical underpinnings of generic practice to specialist areas. Exposure to real-world global situations and public relations responses will improve students' familiarity with the public relations discipline's practice 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT, EXT); 2013 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	2013 SEM-1 (INT, EXT); 2013 SEM-2 (INT, EXT)

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AMN403 Marketing and Survey Research

Anti-requisites	MIN413
Equivalents	AMX403
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 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
Teaching Periods	2013 SEM-1 (INT, EXT), 2013 SUM (INT, EXT); 2013 SEM-2 (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
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 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
Teaching Periods	2013 SEM-1 (EXT, INT), 2013 SUM (EXT, INT); 2013 SEM-2 (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 can 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	2013 SEM-1 (INT); 2013 SEM-2 (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
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (INT, EXT)

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AMN421 Contemporary Issues in Advertising

Pre-requisites	AMN420
Anti-requisites	CON412
Equivalents	AMX421
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (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
Teaching Periods	2013 SEM-1 (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
Teaching Periods	2013 SEM-2 (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	2013 SEM-1 (INT); 2013 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
Teaching Periods	2013 SEM-1 (INT); 2013 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

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

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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT, EXT); 2013 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
Teaching Periods	2013 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
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 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
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 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
Teaching Periods	2013 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	2013 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	2013 SEM-1 (INT, EXT); 2013 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 work towards producing a strategic media relations plan and 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	2013 SEM-2 (EXT, INT)

This unit introduces students to the key public relations communication strategies of engagement, 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 communication; and to develop appropriate public relations communication programs based on strategies of engagement, 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	2013 SEM-1 (INT, EXT); 2013 SEM-2 (INT, EXT)

This unit 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	2013 SEM-2 (EXT, INT)

This unit 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
Teaching Periods	2013 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.

AMX200 Consumer Behaviour (Outbound Exchange)

Equivalents	AMB200
Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

AMX201 Marketing and Audience Research (Outbound Exchange)

Equivalents	AMB201
Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

AMX204 Purchasing and Procurement (Outbound Exchange)

Pre-requisites	BSB119 or CTB119
Anti-requisites	IBB312
Equivalents	AMB204
Credit Points	12
Campus	External
Teaching Periods	2013 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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

AMX220 Advertising Theory and Practice (Outbound Exchange)

Equivalents	AMB220
Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

AMX230 Digital Promotions (Outbound Exchange)

Pre-requisites	BSB126, CTB126, or BSB112
Anti-requisites	COB208
Equivalents	AMB230
Credit Points	12
Campus	External
Teaching Periods	2013 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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

AMX263 Introduction to Public Relations (Outbound Exchange)

Equivalents	AMB263
Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	2013 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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

AMX330 Advertising Planning Portfolio (Outbound Exchange)

Equivalents	AMB330
Credit Points	12
Campus	
Teaching Periods	2013 XCH-2 (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	2013 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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	External
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	2013 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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

AMX403 Marketing and Survey Research (Outbound Exchange)

Equivalents	AMN403
Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	

Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

AYB114 Business Technologies

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

This unit looks at the ways in which organisations adopt and use various electronic business applications in areas of e-commerce, business-to-consumer, business-to-business and intra-business relations. Business models and their impact in various industries are analysed, enabling students to assess the underlying business case, and determine the model's viability in a competitive environment. The issues associated with front-end and back-end e-business applications are considered.

AYB115 Governance Issues and Fraud

Equivalents	BSB213
Credit Points	12
Campus	Gardens Point

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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 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
Teaching Periods	2013 SEM-1 (INT); 2013 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 Computerised Accounting Systems

Pre-requisites	BSB110 or CTB110
Anti-requisites	AYN443
Equivalents	AYX221
Credit Points	12
Campus	Gardens Point

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	2013 SEM-1 (INT); 2013 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 (ie 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	2013 SEM-1 (INT); 2013 SEM-2 (INT)

International Accounting 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. Issues examined include: comparative international accounting systems and practices; cultural influences on accounting; international financial reporting issues such as international business combinations, intangibles, foreign currency transactions and translation, comparative international analysis of financial statements; and global accounting issues in the twenty-first century. The unit also examines the impact of international harmonization 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	2013 SEM-1 (INT); 2013 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	2013 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	2013 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	2013 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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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.

AYB302 Project

Credit Points	24
Campus	Gardens Point

The project is an analytically based applied or theoretical study of a problem/issue in Accounting. Students will develop and write a research paper on the application of a specific body of disciplinary work and/or develop a specific industry case study. This unit will give students experience in identifying, researching and critically analysing information relevant to a business problem or issue. Students will then synthesise that information in order to evaluate potential solutions, make recommendations or otherwise effectively address the problem or issue. Developing and executing comprehensive and systematic research into an issue relevant to the private and/or public sectors is an essential part of undergraduate education in the discipline of Accounting.

AYB311 Financial Accounting Issues

Pre-requisites	AYB340 or AYB220
Equivalents	AYX311
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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. 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	2013 SEM-1 (INT); 2013 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 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
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This unit includes: the preparation of consolidated financial statements; 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 entities); accounting for investments in associates; accounting for foreign currency transactions arising from international trading and financing; 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	2013 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
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT, INT)

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
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 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	2013 SEM-1 (INT); 2013 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
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 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; the formation, operation, and financial reporting requirements for companies; and statement of cash flows.

AYN417 Financial Accounting 2

Pre-requisites	AYN416
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (EXT, INT)

This unit covers the preparation of consolidated financial statements; 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; 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
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (EXT, INT)

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	2013 SEM-1 (INT); 2013 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; global accounting issues into the twenty-first century.

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	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This Unit provides understanding of the regulation of global financial markets including the history, philosophy and economics of capital markets and the regulatory models used by governments. The 2008 Global Financial Crisis is reviewed including the effects of margin lending. The Australian Prudential System is compared to systems in other economies. An overview of the Corporations Act, including anti-cartel and executive remuneration provisions, provides a foundation in corporate law and regulation. Corporate misfeasance; fundamentals of the Principal-Agent problem; basic Trust law and anti-monopoly regulations; an introduction to derivative actions and Board independence; and the regulation of financial instruments, are also included.

AYN433 Research Topics in Accounting

Pre-requisites	AYN417 and AYN418
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT, INT)

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 concludes with a brief overview of the taxation of partnerships, trusts and companies and the goods and services tax. Emphasis is placed on developing students' skills in problem solving through research and analysis of taxation issues.

AYN443 Electronic Commerce Cycles

Pre-requisites	AYN416
Anti-requisites	AYB221, AYN402
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (EXT, INT)

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 Excel, database software such as Access, and interactive multimedia software such as Accounting Information Systems Cycles.

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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (EXT, INT)

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	2013 SEM-1 (INT); 2013 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	2013 SEM-2 (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	2013 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	2013 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	2013 SEM-1 (INT); 2013 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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	2013 XCH-2 (EXT)

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

AYX301 Audit and Assurance (Outbound Exchange)

Equivalents	AYB301
Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	External
Teaching Periods	2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 SEM-1 (INT)

This subject introduces students to the use of parametric geometry systems that are used in early stages of design. These are the systems 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	2013 SEM-2 (INT)

In a real environment designers need to collaborate with others using a range of design tools provided by different software vendors. In this unit you will develop an understanding of interoperability and methods of maximising the benefits of information exchange across a range of design tools.

BEB213 Sustainable Design Systems

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

A range of sustainability tools will be covered that support environmental impact analysis, economic analysis and social impact assessment, within a holistic approach to design. The capabilities of the tools will be discussed and then used to build up appropriate workflows that support integrated assessment for sustainability. These will be applied to a comprehensive design problem to reinforce the students understanding.

BEB701 Work Integrated Learning 1

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

This unit aims to provide you with the opportunity to learn in a workplace environment. It will involve 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, Australian Institute of Building, Royal Institution of Chartered Surveyors), or it may be one of several work integrated learning (WIL) units (selected as part of a Minor).

BEB702 Work Integrated Learning 2

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (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.

BEB703 Work Integrated Learning 3

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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.

BEB704 Work Integrated Learning 4

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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.

BEB705 Work Integrated Learning 5

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This unit is normally undertaken as the first unit of a second WIL Minor. While the first WIL Minor emphasises the context of practice and its relationship to academia, the second WIL Minor focuses on the participation of students in work in a more proactive and leading way thereby providing the opportunity for sophisticated, collaborative and reciprocal learning and outcomes for all concerned. In this context, this unit introduces students to the notion of practice-led research and research-led practice and provides them with the opportunity to use practice-based projects as vehicles for further developing discipline knowledge as well as advanced critical enquiry skills. In undertaking the unit, students will collaborate with a project supervisor and prepare an interim and final report and seminar on the project.

BEB706 Work Integrated Learning 6

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This unit is normally undertaken as the first unit of a second WIL Minor. While the first WIL Minor emphasises the context of practice and its relationship to academia, the second WIL Minor focuses on the participation of students in work in a more proactive and leading way thereby providing the opportunity for sophisticated, collaborative and reciprocal learning and outcomes for all concerned. In this context, this unit introduces students to the notion of practice-led research and research-led practice and provides them with the opportunity to use practice-based projects as vehicles for further developing discipline knowledge as well as advanced critical enquiry skills. In undertaking the unit, students will

collaborate with a project supervisor and prepare an interim and final report and seminar on the project.

BEB707 Work Integrated Learning 7

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This unit is normally undertaken as the first unit of a second WIL Minor. While the first WIL Minor emphasises the context of practice and its relationship to academia, the second WIL Minor focuses on the participation of students in work in a more proactive and leading way thereby providing the opportunity for sophisticated, collaborative and reciprocal learning and outcomes for all concerned. In this context, this unit introduces students to the notion of practice-led research and research-led practice and provides them with the opportunity to use practice-based projects as vehicles for further developing discipline knowledge as well as advanced critical enquiry skills. In undertaking the unit, students will collaborate with a project supervisor and prepare an interim and final report and seminar on the project.

BEB708 Work Integrated Learning 8

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This unit is normally undertaken as the first unit of a second WIL Minor. While the first WIL Minor emphasises the context of practice and its relationship to academia, the second WIL Minor focuses on the participation of students in work in a more proactive and leading way thereby providing the opportunity for sophisticated, collaborative and reciprocal learning and outcomes for all concerned. In this context, this unit introduces students to the notion of practice-led research and research-led practice and provides them with the opportunity to use practice-based projects as vehicles for further developing discipline knowledge as well as advanced critical enquiry skills. In undertaking the unit, students will collaborate with a project supervisor and prepare an interim and final report and seminar on the project.

BEB709 Work Integrated Learning 1

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

BEB801 Project 1

Equivalents	CEB411, CEB420, CNB434, EEB781-1, EEB889-1
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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.

BEB806 Project 1

Equivalents	CEB411, CEB420, CNB434, EEB781-1, EEB889-1
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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

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	2013 SEM-1 (INT); 2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point

Teaching Periods	2013 SEM-1 (INT)

BEN910 Integrated Project

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	External
Teaching Periods	2013 SEM-1 (EXT); 2013 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	2013 SEM-1 (INT); 2013 SEM-2 (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	BSD110, CNB293, UDB342
Equivalents	BSX110, CTB110
Credit Points	12
Campus	Gardens Point and Caboolture
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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, LWS009, LWB145
Equivalents	BSX111, CTB111
Credit Points	12
Campus	Gardens Point and Caboolture
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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

Anti-requisites	BSD113
Equivalents	BSX113, CTB113, UDB104
Credit Points	12
Campus	Gardens Point and Caboolture
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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

Anti-requisites	BSD115
Equivalents	BSX115, CTB115
Credit Points	12
Campus	Gardens Point and Caboolture
Teaching Periods	2013 SEM-1 (INT), 2013 SEM-2 (INT); 2013 SUM-1 (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, BSD119
Equivalents	BSX119, CTB119
Credit Points	12
Campus	Gardens Point and Caboolture
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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, MAB101, MAB141,MAB233
Equivalents	BSX123
Credit Points	12
Campus	Gardens Point and Caboolture
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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, BSD124
Equivalents	BSX124
Credit Points	12
Campus	Gardens Point and Caboolture
Teaching Periods	2013 SUM-2 (INT), 2013 SEM-1 (INT); 2013 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,BSD126
Equivalents	BSX126, CTB126
Credit Points	12
Campus	Gardens Point and Caboolture
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

This introductory subject 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, management information systems 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

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	2013 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	2013 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)

Anti-requisites	MGB338
Other requisites	Subject to Unit Coordinator approval and 96 credit points of prior studies.
Credit Points	12
Campus	Caboolture
Teaching Periods	2013 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).

BSB311 Innovation Commercialisation Strategies

Pre-requisites	MGB223 or LSP127

Anti-requisites	MGB355
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

BSD110 Accounting

Anti-requisites	BSB110
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 13TP2 (INT), 2013 13TP3 (INT); 2013 13TP1 (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	2013 13TP2 (INT), 2013 13TP3 (INT); 2013 13TP1 (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	2013 13TP2 (INT), 2013 13TP3 (INT); 2013 13TP1 (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	2013 13TP2 (INT), 2013 13TP3 (INT); 2013 13TP1 (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:

1. an understanding of the nature and role of globalisation as a driver of global business:
2. an appreciation of the strategic and operational demands including the competitive forces and challenges confronting all business as a consequence of globalisation processes;
3. 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	2013 13TP2 (INT), 2013 13TP3 (INT); 2013 13TP1 (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	2013 13TP2 (INT), 2013 13TP3 (INT); 2013 13TP1 (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	Gardens Point

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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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

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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	2013 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

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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).

CLB001 Records Management

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

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.

CLB002 Computer Applications in BCT

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

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.

CLB003 Administrative Procedures

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB004 Foundation: Language Design and Theory

Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-2 (INT)

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.

CLB005 Foundation: Wellness and Active Citizenship

Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-2 (INT)

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.

CLB006 Teaching Reading and Writing

Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-2 (INT)

English education is central to primary schooling in Australia and in an increasing number of international contexts. In this unit you will continue to learn about the structures and functions of the English language and begin to learn how to teach print reading and writing.

CLB007 Learning Literacy by Design

Pre-requisites	CLB006
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 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.

CLB008 Teaching Primary SOSE

Pre-requisites	CLB005 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 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.

CLB010 Accounting and Business Management Curriculum Studies 2

Pre-requisites	CLB051
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB013 Business and Communication Technologies Curriculum Studies 2

Pre-requisites	CLB051
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB018 English Curriculum Studies 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB019 English Curriculum Studies 2

Pre-requisites	CLB018
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB020 English Curriculum Studies 3

Pre-requisites	CLB019
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB021 English as a Second Language Curriculum Studies 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB022 English as a Second Language Curriculum Studies 2

Pre-requisites	CLB021
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB023 ESL Curriculum Studies 3

Pre-requisites	CLB022
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB024 Film and Media Curriculum Studies 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB025 Film and Media Curriculum Studies 2

Pre-requisites	CLB024
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB026 Film and Media Curriculum Studies 3

Pre-requisites	CLB025
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

This unit allows students to apply

technological concepts and skills in senior and junior media studies and across other curriculum areas. The unit helps students understand and design pre-production texts investigating the role of technologies in the senior curriculum.

CLB028 Geography Curriculum Studies 2

Pre-requisites	CLB054
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

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

CLB031 History Curriculum Studies 2

Pre-requisites	CLB054
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

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

CLB034 Legal Studies Curriculum Studies 2

Pre-requisites	CLB051 or CLB054
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB036 LOTE Curriculum Studies 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB037 LOTE Curriculum Studies 2

Pre-requisites	CLB036
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB038 LOTE Curriculum Studies 3

Pre-requisites	CLB037
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB040 Social Science Curriculum Studies 2

Pre-requisites	CLB054
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB042 Primary LOTE Curriculum Studies

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB049 The Global Teacher

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB050 Movies and Popular Culture

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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

CLB051 Business Education Curriculum Studies 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB053 Business Education Curriculum Studies 3

Pre-requisites	CLB010 or CLB013 or CLB034
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB054 Social Education Curriculum Studies 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB056 Social Education Curriculum Studies 3

Pre-requisites	CLB031 or CLB028 or CLB034 or CLB040
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB101 Australian Society and Culture

Equivalents	HHB106, HHB108
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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.

CLB102 Australian Historical Studies

Equivalents	HHB109, HHB252
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB103 Interpreting the Past

Equivalents	HHB121
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB104 Colonialism and Independence in Asia-Pacific

Equivalents	HHB122
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB106 Modern China

Equivalents	HHB246
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB107 The Classical World

Equivalents	HHB257
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB108 Nations and Nationalism in Modern Europe

Equivalents	HHB260
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB109 World Regions

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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 and travellers and people in general.

CLB110 Environment and Society

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB111 Environmental Hazards

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB112 South East Asia in Focus

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB113 Australian Geographical Studies

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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

CLB114 Geography in the Field

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB320 Studies In Language

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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 in interactive situations; the appropriateness of language forms used in various social contexts; the educational implications of linguistic diversity within the community; the recognition of the developmental features of adolescent language.

CLB321 Writing Workshop

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB322 Literature In Secondary Teaching

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB323 Teaching Adolescent Literature

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB347 Teaching English as an Additional Language

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB403 Gender And Sexuality Issues For Teachers

Credit Points	12
Campus	Internet
Teaching Periods	2013 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.

CLB442 Teaching of Writing

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLB446 Grammar in the Classroom: Theories and Pedagogies

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLN601 Cyberlearning

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (INT, EXT)

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, technologies 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.

CLN603 Designing Spaces for Learning

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (INT, EXT)

This unit provides a foundation for understanding the complex relations among space place and learning pedagogies appropriate to the design of innovative, adaptable supportive spaces for learning in future-oriented educational contexts.

CLN608 Second Language Acquisition

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (INT, EXT)

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.

CLN612 Principles of Second Language Methodology

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (INT, 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.

CLN613 Second Language Curriculum Design Options

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-2 (EXT, INT)

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.

CLN615 Directed Reading In Second Language Education

Other requisites	You must discuss the unit with the course coordinator. The course coordinator will grant you approval to enrol.
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

This unit provides an opportunity for teachers and others involved in TESOL to review current research articles to gain an overview of developments in TESOL/Applied Linguistics and to explore one or two personal interest areas in greater depth.

CLN616 Language Assessment In TESOL

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-2 (EXT, INT)

This unit introduces the theories and practices in program evaluation, language testing and proficiency assessment. It examines and evaluates standardised tests and instruments that are used to assess the English language proficiency of speakers for whom English is a second language.

CLN618 Technology and Second Language Learning

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-2 (EXT, INT)

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.

CLN620 Language and Culture

Credit Points	12
Campus	Kelvin Grove

Teaching Periods	2013 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.

CLN621 Principles of English as a Foreign Language (EFL) Methodology

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLN622 Professional Practice in the EFL Context

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLN640 Sociolinguistics

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT)

This unit is an introduction to sociolinguistics, the study of language as social process and practice. Topics covered include the following: language functions and varieties; regional and social dialects, styles and registers; pidgin and Creole languages; language as social practice; discourse; speech communities; language and power; sociolinguistics and language teaching.

CLN641 From Theory To Practice - Practical Applications In The TESOL Classroom

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

This unit focuses on Communicative Language Teaching (CLT). It extends students' knowledge of the general trends in methodology learned in CLN612, by providing a theoretical basis for CLT and various opportunities to apply the theoretical framework to classroom practice.

CLN642 Grammar for Second Language Teaching

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLN646 Learning Hubs

Credit Points	12
Campus	Internet
Teaching Periods	2013 SEM-1 (EXT); 2013 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.

CLN647 Youth, Popular Culture, and Texts

Credit Points	12
Campus	Internet
Teaching Periods	2013 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.

CLN650 Information-Learning Nexus

Credit Points	12
Campus	Internet
Teaching Periods	2013 SEM-2 (EXT)

This research-based unit explores the theory and practice of inquiry learning pedagogy and curriculum design. It addresses the relationship between information and learning, incorporating information literacy and creative and critical thinking. It develops research techniques such as information search strategies and information and data analysis.

CLN654 Functional Grammar for Reading and Writing

Credit Points	12
Campus	Internet
Teaching Periods	2013 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.

CLN659 Children's Literature: Criticism and Practice

Credit Points	12
Campus	Internet
Teaching Periods	2013 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

CLN660 Literacy Development and Performance

Credit Points	12
Campus	Internet
Teaching Periods	2013 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.

CLP400 Middle Years: Multiliteracies

Credit Points	12
Campus	Internet
Teaching Periods	2013 SEM-1 (EXT); 2013 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.

CLP401 Middle Years: Transdisciplinary Arts and SOSE

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 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.

CLP402 Business Education Curriculum Studies 1

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (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.

CLP403 Business Education Curriculum Studies 2 (Business Communication and Technology)

Pre-requisites	CLP402 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT); 2013 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

CLP404 Business Education Curriculum Studies 2 (Accounting and Business Management)

Pre-requisites	CLP402 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT); 2013 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.

CLP406 Legal Studies Education Curriculum Studies

Pre-requisites	CLP402 or CLP414 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT); 2013 SEM-2 (INT, EXT)

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.

CLP407 Business Education Curriculum Studies 3

Pre-requisites	CLP403, CLP404, CLP406, or MDP455 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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.

CLP408 English Education Curriculum Studies 1

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (INT, EXT)

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.

CLP409 English Education Curriculum Studies 2

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 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.

CLP410 English Education Curriculum Studies 3

Pre-requisites	CLP409 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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.

CLP411 Languages Education Curriculum Studies 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLP412 Languages Education Curriculum Studies 2

Pre-requisites	CLP411
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLP413 Languages Education Curriculum Studies 3

Pre-requisites	CLP411 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLP414 Social Education Curriculum Studies 1

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (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.

CLP415 Social Education Curriculum Studies 2 (Geography)

Pre-requisites	CLP414 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT); 2013 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.

CLP416 Social Education Curriculum Studies 2 (History)

Pre-requisites	CLP414 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT); 2013 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.

CLP417 Social Education Curriculum Studies 2 (Senior Social Science)

Pre-requisites	CLP414 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 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.

CLP418 Social Education Curriculum Studies 3

Pre-requisites	CLP406, CLP415, CLP416, or CLP417 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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.

CLP419 Social Education Curriculum - Senior History

Credit Points	12
Campus	Internet
Teaching Periods	2013 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.

CLP421 Primary Lote Curriculum Studies

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLP422 Film and Media Education Curriculum Studies 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLP423 Film and Media Education Curriculum Studies 2

Pre-requisites	CLP422
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CLP424 Film and Media Education Curriculum Studies 3

Pre-requisites	CLP423 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

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.

CLP425 Primary English: P-7

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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

CLP426 Primary SOSE: P-7

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

CSB011 Patient Care in Professional Practice

Equivalents	PCB007, PYB074
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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 Principles of Medical Radiations

Equivalents	PCB178
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

This unit provides an overview of the physical principles of the various medical imaging modalities and techniques. It

includes an overview of 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	2013 SEM-2 (INT)

CSB021 General Radiography 1

Pre-requisites	LQB183 and (CSB012 or PCB178) and (CSB020 or PCB252) and (CSB022 or PCB277). CSB020 and CSB022 can be enrolled in the same teaching period as CSB021
Equivalents	PCB276
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 SEM-2 (INT)

This unit is a program of practical sessions relating to radiography of the skeletal system allowing the development of skills in patient positioning and image production.

CSB023 Treatment Planning 1

Pre-requisites	(CSB012 or PCB178) and LQB183 and PCB272
Equivalents	PCB286
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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 PCB007) and (CSB012 or PCB178) and LQB183
Equivalents	PCB287
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 SEM-1 (INT)

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CSB031 Radiographic Equipment

Pre-requisites	CSB012 or PCB178
Equivalents	PCB355
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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	2013 SEM-1 (INT)

CSB033 Clinical Radiography 1

Pre-requisites	(LQB183 or LSB245) and (CSB022 or PCB277) and (CSB021 or PCB276)
Co-requisites	CSB034
Equivalents	PCB359
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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CSB034 General Radiography 2

Pre-requisites	(CSB021 or PCB276) and (CSB022 or PCB277) and LQB183
Co-requisites	CSB033
Equivalents	PCB377
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 SEM-1 (INT)

This unit builds on the fundamental theories of PCB286 to concentrate on application of knowledge to practice. In order to further prepare them for clinical planning, a range of basic plans will be completed using the central slice only. This will consolidate understanding of basic planning concepts and pave the way for progression to full 3D planning in PCB495.

CSB040 Applied Medical Imaging

Pre-requisites	(LQB183 or LSB245) and (LQB389 or LQB390)
Equivalents	PCB452
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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CSB041 Special Procedures

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

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

geriatrics.

CSB042 Clinical Radiotherapy 2

Equivalents	PCB451
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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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	2013 SEM-2 (INT)

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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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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CSB045 Treatment Planning 3

Pre-requisites	LQB389 and (CSB035 or PCB396)
Equivalents	PCB495
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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.

CSB051 Advanced Radiographic Technique 1

Pre-requisites	(CSB041 or PCB476) and (CSB044 or PCB479)
Equivalents	PCB567
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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

CSB052 Clinical Radiotherapy 3

Pre-requisites	CSB040 and CSB042 and CSB043 and CSB045
Equivalents	PCB591-1
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 SUM (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	2013 SUM (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	2013 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	2013 SEM-1 (INT)

This unit builds on the planning experience gained in PCB495 to concentrate on application of complex techniques and technology to 3D planning practice. Students will be made aware of the techniques and challenges posed by the technology. In order to further prepare them for clinical planning, students will have the opportunity to plan highly complex tumour sites.

CSB056 Computed Tomography Imaging

Pre-requisites	LQB390 and (CSB040 or PCB452)
Equivalents	PCB681
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

Computed Tomography Imaging is a specialised modality within the field of medical radiations. The applications of computed tomography 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 computed tomography and the image appearances.

CSB060 Specialised Radiotherapy Technique

Pre-requisites	(CSB054 or PCB587) and (CSB055 or PCB595)
Equivalents	PCB687
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 SEM-1 (INT); 2013 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 PCB397-2
Equivalents	PCB672-1
Credit Points	6
Campus	Gardens Point
Teaching Periods	2013 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	2013 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 PCB452
Equivalents	PCB682
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 SUM (INT); 2013 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	2013 SUM (INT); 2013 SEM-2 (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.

CSB330 Foundations of Paramedic Practice 1

Equivalents	PUB180
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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 and (CSB332 or PUB280)
Equivalents	PUB270
Credit Points	12
Campus	
Teaching Periods	2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-2 (INT)

This unit follows on from PUB180 and further develops core clinical skills and expertise in the use of ambulance equipment. Topics covered include the following: monitoring basic patient care and modifying as required; handing over a patient requiring basic ambulance care; the use of ambulance equipment including ambulance vehicles and patient care equipment; health and safety legislation, policies and procedures; and the attributes of a paramedic e.g. compassion, accountability, respect, ethical practice, responsibility and sensitivity. The unit includes a structured observer program for students.

CSB333 Foundations of Paramedic Practice 3

Pre-requisites	CSB331 or PUB270
Equivalents	PUB383
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

CSB334 Research and Evidence Based Practice for Paramedics

Equivalents	PUB384
Credit Points	12
Campus	
Teaching Periods	2013 SEM-1 (INT)

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	2013 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	2013 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	2013 SEM-2 (INT)

CSB338 Ethics and the Law in Health Service Delivery

Equivalents	PUB486
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 SEM-1 (INT)

CSB340 Major Incident Management

Pre-requisites	(CSB335 or PUB451) and (CSB336 or PUB452) and (CSB337 or PUB453)
Equivalents	PUB567
Credit Points	12
Campus	
Teaching Periods	2013 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	
Teaching Periods	2013 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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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CSB343 Paramedic Clinical Practice 3

Pre-requisites	CSB342 or PUB532 or PUB470
Equivalents	PUB673
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

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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	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

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.

CSB420 Introduction to Pharmacy Practice

Pre-requisites	PYB007
Equivalents	SCB208
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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 or SCB208
Co-requisites	CSB433
Equivalents	SCB308
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	(SCB122 or LQB182) and SCB131
Co-requisites	CSB430
Equivalents	SCB338
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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 or SCB308
Co-requisites	CSB443
Equivalents	SCB408
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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

Pre-requisites	CSB433 or SCB338
Equivalents	SCB428
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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 or SCB338
Co-requisites	CSB440
Equivalents	SCB438
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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 or SCB408
Co-requisites	CSB453
Equivalents	SCB508
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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

Pre-requisites	CSB442 or SCB428
Equivalents	SCB528
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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 or SCB438
Equivalents	SCB538
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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 or SCB508
Co-requisites	CSB463
Equivalents	SCB608
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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 or SCB538
Equivalents	SCB638
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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 or SCB528
Equivalents	SCB628
Credit Points	12

Campus	Gardens Point
Teaching Periods	2013 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 or SCB538) and LQB386
Equivalents	SCB648
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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CSB470 Pharmacy Practice 5

Pre-requisites	(CSB460 or SCB608) and (CSB463 or SCB648)
Co-requisites	CSB475, CSB476
Equivalents	SCB708
Credit Points	12
Campus	Gardens Point

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 or SCB648
Equivalents	SCB748
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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

Pre-requisites	(CSB460 or SCB608) and (CSB463 or SCB648)
Co-requisites	CSB470 and CSB476
Equivalents	SCB758
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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

Pre-requisites	(CSB460 or SCB608) and (CSB463 or SCB648)
Co-requisites	CSB470 and CSB475
Equivalents	SCB768
Credit Points	12
Campus	Gardens Point

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 or SCB708) and (CSB476 or SCB768)
Co-requisites	CSB483 and CSB485 and CSB486
Equivalents	SCB808
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	(CSB463 or SCB648) and (CSB473 or SCB748)
Co-requisites	CSB480
Equivalents	SCB848
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (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 neurological, mental health and oncological disorders and diseases that affect the eye, ear and skin. 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.

CSB485 Pharmacy Management 2

Pre-requisites	CSB475 or SCB758
Co-requisites	CSB480 and CSB486
Equivalents	SCB858
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	(CSB470 or SCB708) and (CSB476 or SCB768)
Co-requisites	CSB480 and CSB485
Equivalents	SCB868
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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 4

Anti-requisites	LSB321, LSB361, LSB367
Equivalents	LSB475
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

Disease Processes provides a link between your foundation knowledge in anatomy and physiology and the application of such knowledge in a clinical setting. This intermediate level unit places an emphasis on general pathological knowledge necessary for your understanding of future advanced units . It therefore provides you with the knowledge needed for subsequent clinical semesters. The aim of the unit is to introduce you to the study of disease processes underlying the major diseases of human organ systems.

CSB521 Podiatric Medicine 1

Pre-requisites	LSB235 and LSB250
Equivalents	PUB339
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

This unit provides an introduction to the clinical, theoretical and professional aspects of podiatry practice. Students entering the unit begin the transition to the unique and challenging role of clinician, as well as continuing academic learning. Students are required to apply previous background knowledge, ie advanced anatomy, biochemistry, etc, in the clinical setting. Student are also involved in the care of patients attending the university clinic. The unit is particularly designed to encourage the development of essential graduate skills such as a self-directed approach to learning, the ability to work as part of a team and the ability to engage in peer review. [Designated unit]

CSB522 Podiatric Medicine 2

Pre-requisites	(CSB521 or PUB339) and (CSB520 or LSB475)
Equivalents	PUB439
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

This unit aims to increase proficiency in the examination and treatment of patients who have common foot problems with particular emphasis on aged care and diabetes. Topics covered include: clinical biomechanics, the elderly and the ageing foot, the management and of the diabetic foot, wound healing and wound care products, footware construction, assessment and prescription, foot orthoses. [Designated unit]

CSB523 Podiatric Clinical Gait Analysis

Pre-requisites	LSB235
Equivalents	PUB362
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

Technologies are used according to established procedures in order to assess human gait and collect patient data. The results are evaluated to ensure that the data meet the accepted standards for clinical decision making purposes. The emphasis is on gait analysis techniques that are particularly applicable in podiatry.

CSB524 Rehabilitation Medicine and Physical Therapies

Pre-requisites	CSB521 or PUB339
Equivalents	PUB538
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

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	2013 SEM-2 (INT)

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CSB530 Pharmacotherapeutics for Podiatrists

Pre-requisites	LSB384 or PUB437
Equivalents	LSB584
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

There is an increasing need for the use of medicines by endorsed Podiatrists for the treatment, management and rehabilitation of patients of various foot pathologies. This unit will further enhance your understanding of pharmacology with a focus on the S2, S3 and S4 medicines administered and prescribed for the treatment and diagnosis of the disease states encountered in the scope of professional practice of Podiatrists. You

will also be exposed to recognised clinical guidelines that recommend the appropriate selection and use of medicines such as the Therapeutic Guidelines and drug protocols approved by the Podiatry Board of Australia and gain an appreciation of the national policy on the Quality Use of Medicines.

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	2013 SEM-1 (INT)

This unit is designed to give the student of podiatric medicine an understanding and ability to recognise normal and abnormal foot radiographs. It also enables the student to utilise radiology as an important diagnostic tool in foot pathology.

CSB532 Medicine

Pre-requisites	CSB522 or CSB525 or PUB439 or PUB442
Co-requisites	CSB530
Equivalents	PUB438
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

Following completion of this unit, students should be able to recognise and understand the clinical features, pathogenesis and significance of common conditions affecting the lower limbs. For example infectious diseases, nervous system disorders, endocrine/metabolic and deficiency states, renal disorders, cardiology, respiratory disorders, immunology, hepatobiliary disorders, musculoskeletal disorders, haematology/lymph, inherited/genetic conditions. The diagnosis and management of dermatological disorders is also covered.

CSB533 Podiatric Medicine 3

Pre-requisites	CSB522 or CSB525 or PUB439 or PUB442
Equivalents	PUB539
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

This unit develops professional understanding of the general and specific effects of medical and surgical conditions on the human foot. It also expands the concept of total case management in terms of the interdisciplinary approach, including physical, mechanical and surgical techniques. Completion of this unit should enable students to consolidate the podiatrist's role in the health care team across the spectrum of practice. [Designated unit]

CSB534 Podiatric Medicine 4

Pre-requisites	CSB533
Equivalents	PUB639
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

This unit extends the student by way of a greater role in independent case investigation and clinical case presentations. Complex case histories and treatment interventions are pursued. The theory and treatment of paediatric disorders is studied and students are introduced to specialist clinics in the podiatry facility and treatment of higher order cases. Students implement a wide range of treatments and should be able to consolidate skills acquired. Diagnostic skills are also developed with the wider range of patients being treated and the specialised study of disciplines such as dermatology and radiology further integrating academic and clinical studies. [Designated unit]

CSB535 Podiatric Anaesthesiology

Pre-requisites	CSB530 and CSB532 and CSB533
Equivalents	PUB522
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

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	2013 SEM-2 (INT)

This unit builds on prior studies in disease processes, medicine, podiatric medicine, pharmacotherapeutics, pharmacokinetics and pharmacology. Principles of safe and effective pharmacological management of podiatric conditions are discussed. Clinical decision-making is developed within the framework of the quality use of medicines.

CSB537 Orthopaedics and Sports Medicine

Pre-requisites	CSB531 and CSB533
Equivalents	PUB638
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

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	2013 SEM-1 (INT)

The aim of this unit is to develop high-level clinical skills and professionalism in a range of clinical settings. Increased understanding of the various clinical and non-clinical roles that podiatrists play in the community will be emphasised through external placements. [Designated unit]

CSB542 Professional Placement 2

Pre-requisites	CSB541
Equivalents	PUB838
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

The aim of this unit is to develop high

level clinical skills and professionalism in a range of clinical settings. Increased understanding of the various clinical and non-clinical roles that podiatrists play in the community are emphasised through external placements. Students complete clinical rotations not attempted in PUB738 Advanced Clinical Studies 1.

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	2013 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	2013 SEM-2 (INT)

Health professionals work within financial, legal, ethical and professional frameworks. Practice in public and private settings requires knowledge of accounting, marketing, human resources, project management and professionalism in the health context. This unit prepares students for the transition to practice by exploring these concepts and their relationship to employment/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	2013 SEM-1 (INT)

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CSB546 Podiatric Medicine 6

Pre-requisites	CSB545
Anti-requisites	PUB839
Equivalents	PUB840
Credit Points	24
Campus	
Teaching Periods	2013 SEM-2 (INT)

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CSN021 Cardiac Ultrasound 1

Equivalents	PCN155
Credit Points	12
Campus	External
Teaching Periods	2013 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	2013 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	2013 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) and CSN032. CSN032 can be studied in the same teaching period as CSN024
Equivalents	PCN459
Credit Points	12
Campus	External
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	Gardens Point

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	Gardens Point

CSN033 Medical Ultrasound Clinical Practice 1

Pre-requisites	CSN025 and CSN026
Equivalents	PCN197-1,PCN197-2
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (EXT)

CSN034 Medical Ultrasound Clinical Practice 2

Pre-requisites	(CSN028 or PCN355) and (CSN029 or PCN357)
Equivalents	PCN297-1,PCN297-2
Credit Points	12
Campus	
Teaching Periods	2013 SEM-2 (EXT)

CSN311 Introduction to Advanced Clinical Practice

Equivalents	PUN220
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (EXT)

CSN312 Cardiovascular Emergencies

Equivalents	PUN221
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (EXT)

CSN313 Medical and Surgical Emergencies 1

Equivalents	PUN222
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (EXT)

CSN314 Clinical and Integrated Practicum 1

Equivalents	PUN223
Credit Points	12
Campus	External
Teaching Periods	2013 SEM-2 (EXT, INT)

CSN315 Medical and Surgical Emergencies 2

Equivalents	PUN224
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT)

CSN316 Trauma and Environmental Emergencies

Equivalents	PUN225
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT)

CSN317 Obstetric and Paediatric Emergencies

Equivalents	PUN226
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT)

CSN318 Clinical and Integrated Practicum 2

Equivalents	PUN227
Credit Points	12
Campus	External
Teaching Periods	2013 SEM-1 (EXT)

CSN500 Podiatric Therapeutics 1

Anti-requisites	LSB584, PUB662
Credit Points	24
Campus	Kelvin Grove

CVB101 General Chemistry

Anti-requisites	CZB190
Equivalents	SCB111
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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
Equivalents	SCB121
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

CVB211 Industrial Chemistry

Equivalents	PQB623
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

DAB110 Architectural Design 1

Pre-requisites	DEB103 or DLB130 or DNB101 or DTB101. DEB103 can be studied in the same teaching period as DAB110
Equivalents	ADB001
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

DAB210 Architectural Design 2

Pre-requisites	DAB110 and DAB203. DAB203 can be studied in the same teaching period as DAB210.
Equivalents	ADB002
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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 Placemaking in Architecture

Equivalents	DAB420
Credit Points	12
Campus	Gardens Point

The unit aims to promote students' awareness of concepts of environmental psychology such as territory, community, privacy, personal space and spatial perception from a variety of cultural perspectives. It also includes an introduction to the ways in which architecture is practiced and the concept of professionalism as it pertains to architectural practice. Further the unit explores social and cultural relationships between people and the institutions of society through the study of introductory sociology, cultural analysis and political economy. Teaching and learning activities are spread across lectures, tutorials, and studio based activities.

DAB310 Architectural Design 3

Pre-requisites	DAB210
Equivalents	ADB003
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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.

DAB410 Architectural Design 4

Pre-requisites	DAB310
Equivalents	ADB004
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	DAB410
Equivalents	ADB005
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	DAB330
Equivalents	ADB024
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	Gardens Point
Teaching Periods	2013 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.

DAB635 Architectural Technology 2

Pre-requisites	DAB435
Equivalents	ADB025
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

DAB710 Architectural Design 7

Pre-requisites	DAB610
Equivalents	ADB007
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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.

DAN100 Master Studio A

Equivalents	ADB009, ADB067, ADN067
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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. Teaching and learning activities are spread across lectures, tutorials, and studio based activities.

DAN110 Architectural Theory and Research 1

Equivalents	ADB051
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

This unit is intended to prepare you for future professional responsibilities involving research. It is in particular aimed at development skills that are appropriate and relevant to investigate topics in architecture and related fields.

DAN125 Contemporary Architectural Culture

Equivalents	ADN014, ADB014
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

DAN135 Advanced Topics in Architectural Technlogy 1

Equivalents	ADB026
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

The unit aims to promote student understanding of advanced techniques for the design of environmentally friendly,

sustainable, and healthy high-rise buildings. It will foster an understanding of the design and advanced techniques for natural day lighting of deep interiors and to promote detailed understanding of advanced construction techniques for high-rise and special structures. In all these areas the unit aims to promote understanding of the way in which these advanced technologies influence the design and procurement of buildings together with an integrated overview of high-rise building services, promoting awareness of the coordination role of specialist building consultants, and the legal requirements of building services.

DAN200 Master Studio B

Pre-requisites	DAN100
Equivalents	ADN053, ADB053
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

DAN220 Architectural Theory and Research 2

Pre-requisites	DAN110
Equivalents	ADN052
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This unit allows you to research a specialist architectural topic of your choosing; based on the research proposal of the pre-requisite unit (DAN110). The unit requires professional standards of practice for the research and analysis of data, and tutorial guidance will be tailored to your own project. Research and analysis work will be presented in the real world scenario at the end-semester conference.

DAN230 Advanced Studio in Integrated Technologies

Pre-requisites	DAN135
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

This unit offers a high level investigation into the field of design as applied to architecture, with particular emphasis on the integration of technological solutions in architecture, as a form of `output¿ from the design process. It engages with the application of innovative building construction and environmental control systems and their development through detailed design and contract documentation processes.

DAN245 Professional Practice

Equivalents	ADN033, ADB033
Credit Points	12
Campus	Gardens Point

This unit investigates the business and practice of architecture. It provides a detailed understanding of the organisation, structure and management of an architectural office, defining and examining the range of activities and professional services undertaken within the office from contractual engagement to the completion of an architectural project. The unit reviews the laws and statutory regulations that control the practice of architecture.

DEB100 Design and Sustainability

Anti-requisites	ENB100
Equivalents	BEB100 and UDB100
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 SEM-1 (INT)

Please note: this unit is only available to First Year DE40 students. 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.

DEB103 Visualisation 1

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

Designers 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 skills and techniques you'll need to support this design visualisation with a focus on analogue media, drawing skills and simple model making. Some of them are common to all the disciplines in the course while others are specific to one or more disciplines of architecture, industrial design, interior design and landscape architecture.

DEB202 Introducing Design History

Equivalents	ADB931, DEB102
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

DEB203 Visualisation 2

Pre-requisites	DEB103

Equivalents	DEB201
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

DEB103 Visualisation 1 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 and integrates digital and analogue approaches. Content will be divided between common and discipline specific techniques and traditions.

DEB601 Collaborative Design

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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 Design and Research

Credit Points	12
Campus	Gardens Point

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	2013 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.

DEN510 Urban Design Studio A

Equivalents	PSP452
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 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.

DLB130 Landscape Design 1

Pre-requisites	DEB103 or DAB110 or DNB101 or DTB101. DEB103 can be studied in the same teaching period as DLB130
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

This unit is the first landscape design studio. It will begin your skill building in design processes and theory on which subsequent studios will build. It will focus on applying the representational techniques covered in the allied unit DEB103 Visualisation 1.

DLB210 Landscape Design 2

Pre-requisites	DLB130 and DLB203
Equivalents	PSB421
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

This design studio introduces landscape design within the context of the urban environment. Basic design concepts such as space, effects and qualities are explored. It also introduces the use of plants as a design material. There is a concentration on communication and graphic skills in the development of a personal design process. These preliminary explorations provide a foundation for later design studios.

DLB230 Landscape Horticulture

Equivalents	PSB442
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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.

DLB310 Landscape Design 3

Pre-requisites	DLB210
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

This unit introduces you to the theory behind spatial design and place-making. It also introduces design research and inquiry methods. In particular, it encourages you to examine the ways that people use, perceive and value places and environments. The unit teaches you to explore design research methodologies, and apply design skills to place-making.

DLB330 Landscape Ecology

Equivalents	PSP263
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

An understanding of physical geography, geomorphology and the theoretical concepts of landscape ecology as a spatial analysis and design tool underpin this unit. It concentrates on understanding spatial and functional heterogeneity in all landscapes from the 'natural' to the 'developed' by recognising that they share a similar structural and functional model. The unit comprises three content strands: (a) Landscape Structures; (b) Landscape Systems and Processes; and (c) Landscape Development. These theoretical concepts studied in each of these strands are applied in the analysis and redesign of a dynamic real world landscape.

DLB410 Landscape Design 4

Pre-requisites	DLB310
Equivalents	PSB441
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

In this unit, students will investigate an urban landscape in order to explore, understand and apply the principles and processes of site planning. These include: the development of a project brief, the understanding and articulation of site user needs, the undertaking of a site appraisal, the development and analysis of design concept options, and the final development of a site plan.

DLB430 Landscape Construction 1

Equivalents	PSB434
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

This studio is complementary to DLB410 Landscape Design 4. The core of landscape architecture is the design of controlled change to landscapes. Design implementation requires the re-construction of the existing landscape into new forms. Landscape Construction 1 continues the landscape design process at a finer scale of detail and precision to resolve site regrading, management of surface water and preparing sites for planting new landscapes. It is inextricably linked to the processes of maintenance and management and is therefore one of the core skills landscape architects apply in order to meet sustainability objectives. This unit will develop technical graphic skills associated with manual and digital design communication.

DLB510 Landscape Design 5

Pre-requisites	DLB410
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

This design unit builds on Landscape Design 4 and extends the theoretical and applied understanding of site analysis, planning and design processes. It develops skills in the artful, orderly, efficient, aesthetic, and ecologically sensitive arrangement of constructed objects and spaces on a site and their integration with the site's features, systems, spirit of place and satisfying the needs and values of its intended users. Emphasis will be on the development of site specific design outcomes. Application of appropriate graphic communication in all forms will be integrated into the program. The unit will be block taught in the first part of the semester.

DLB525 History and Criticism of Landscape Design

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

This unit examines landscape design throughout the ages, providing an historical context for exploring contemporary design approaches. The origins of the landscape architectural profession are also investigated. .Incorporated into this landscape design focus will be an examination of past and contemporary design criticism and the role that landscape architects play in this regard.

DLB530 Landscape Construction 2

Pre-requisites	DLB430
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

This studio will build on the work of DLB510 Landscape Design 5. The unit introduces the properties and use of materials encountered in landscape construction and the processes of resolving and communicating design decisions as construction documentation. It includes principles of applied science and mechanics relating to the stability of site elements; graphic (manual and digital) skills required to explore construction problems and communicate required outcomes. It will require students to undertake effective research and evaluation of technical data and techniques available to the construction industry in seeking valid solutions to construction problems. The unit will be block taught in the second half of the semester.

DLB630 Landscape Construction 3

Pre-requisites	DLB530
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

DLB645 Landscape Practice and Law

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

This unit develops understanding of government and non-government institutions that affect land and building development together with a more detailed understanding of specific legal and quasi-legal frameworks having influence on professional practice. Topics include: property with special reference to land ownership; land development applications under the Integrated Planning Act, tort, duty of care and the basis for professional liability; introduction to intellectual property; construction statutes, regulations, codes including the Building Code of Australia, standards and protocols, consultancy and construction contracts, and practice guides and law relating to practice.

DLB710 Landscape Design 6

Pre-requisites	DLB510
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

This design unit explores contemporary theories and practices of landscape design and their application through problem-based learning in a real world community project. Concepts and theories including landscape urbanism, landscape strategy, and new theories and practices associated with water landscapes will be investigated and applied through the lens of resilience theory. Skills in strategic planning and detailed design at a large and complex scale will be developed and applied in a selected real world landscape from the urban, peri-urban and rural landscape spectrum.

DLB730 Landscape Design 7

Pre-requisites	DLB510
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (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.

DLB810 Landscape Planning and Policy

Pre-requisites	DLB330 and DLB645
Equivalents	PSP273
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

Many landscape architects work in broad scale landscapes nationally and internationally. Catchments are recognised as a critical scale for regional environmental planning and this unit addresses a selected catchment as a case study to investigate the complex systems that comprise the social, economic and biophysical fabric of the landscape. Regional issues are challenged by interpreting, visualising and communicating their multi-dimensional character and complexity of overlapping jurisdictions and conflicting management responsibilities. The unit integrates higher level applications, including GIS and the like, to critical, creative and analytical thinking, problem identification and solving in environmental planning.

DLB830 Landscape Design 8

Pre-requisites	DLB730
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

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	2013 SEM-1 (INT)

Industrial design revolves around the creation of products that satisfy human needs within the constraints of industrial and commercial production. This involves the manipulation of form with an understanding of structure, function, and beauty. Through projects students will be exposed to: basic design elements and principles; introduction to product visualisation techniques including concept sketching and marker rendering; design process and concept development; basic model making techniques; design presentation.

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	2013 SEM-2 (INT)

This unit continues with the development of visual and creative thinking within the context of industrial design with special emphasis on the development of product form. Through projects students will be exposed to: aesthetic aspects of products; design process and concept development; product visualisation techniques including concept sketching and marker rendering; model making and basic photographic documentation skills; design presentation.

DNB202 Product Usability

Pre-requisites	DNB101
Equivalents	ADB212
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

The professional designer designs principally for others and not primarily by personal preference. Therefore an

understanding of the breadth of physical and cognitive needs and capabilities of people is vital to the development of useable products. This unit provides the basis for a user-centred design philosophy built upon an understanding of people and their capabilities and knowledge and experience to integrate advanced human factors and usability concepts into the industrial design process. The content covered in this unit includes: anthropometrics; principles of physical and cognitive ergonomic requirements of special needs groups; human error; usability principles; usability evaluation methods and user testing techniques.

DNB301 Industrial Design 3

Pre-requisites	DNB101
Equivalents	ADB203
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

This unit offers creative opportunities to design and develop new and innovative products in the field of industrial design. It uses design research and methodologies to inspire innovative and sustainable practices both in the built and natural environments. Thorough user and context research, design development, brief development and existing market research lead to design projects that engage with issues of context, biomimicry, technology and design principle transfers from nature. Learning and teaching activities are spread across lectures, tutorials, workshops and studio based practices.

DNB302 Computer Aided Industrial Design

Equivalents	ADB245
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

Once an Industrial Designer has completed the conceptual design stage of a project the details required for manufacture need to be resolved and prototypes made. It is at this stage that Computer Aided Design (CAD) is used. 3D CAD allows the details of the design to be resolved. Rapid prototypes can be made directly from the CAD data for design testing and verification. Modifications to the CAD data can be made quickly. Once the design is satisfactory, the 3D CAD models can then be used to generate photo-realistic images and engineering drawings so that the new product can be manufactured.

DNB303 Manufacturing Technology

Equivalents	ADB233
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

Manufacturing technology is integral to industrial design and is a basic knowledge requirement to build upon throughout the course. Design for manufacturing allows both the analysis and application of manufacturing principles to product design and development. The knowledge gained in this unit allows the designer to develop a sound awareness of the relationship between design and manufacturing. The content covered in this unit includes: electronics; plastics; production techniques in relation to different materials; forming; finishing operations; production costs; technical documentation and communication.

DNB401 Industrial Design 4

Pre-requisites	DNB201
Equivalents	ADB204
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

Industrial design advances design knowledge gained in DNB201 Industrial design 2.The unit introduces how various design processes interact, in complex problems such as sustainable transportation systems. Through collaborative projects students will be exposed to: design research; design innovation; communication skills; integration of design processes, manufacturing technologies and application transfer of design principle mechanisms to solve real world problems.

DNB402 Socio-cultural Studies

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (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 to gain a broader perspective of culture, 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 imbedded in product semantics and symbolics.

DNB501 Industrial Design 5

Pre-requisites	DNB301
Equivalents	ADB205
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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

DNB502 Industrial Design History, Theory and Criticism

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

This unit provides students with the opportunity 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 students can locate their 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 • learning to critique design

DNB601 Industrial Design 6

Pre-requisites	DNB401
Equivalents	ADB206

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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

DNB602 New Product Development

Equivalents	ADB235
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

The unit will focus on the introduction of new products into the market. It will provide the students with an overview of the relationship between product design and commercialisation. It will provide an overview of 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 ¿ commercialisation and post launch review

DNB701 Industrial Design 7

Pre-requisites	DNB501
Equivalents	ADB207, ADP207
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

This unit introduces an advanced product and system design as relevant to industrial design. It provides students knowledge about the various contexts that impact on products – from usability to business to manufacturing. Thought the projects the students will be exposed to • advanced design process and creative thinking • knowledge integration within various contexts • understanding industrial designer's role within collaborative projects.

DNB702 Human-centred Design Innovation

Pre-requisites	DNB601
Equivalents	ADP267
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

Human-centred innovation incorporates studies of the dynamic relationships between people, products/artifacts and systems, and their contextual environment. The unit will introduce 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. 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 social framework • communication of research outcome.

DNB801 Research and Innovation 1

Pre-requisites	DNB701 and DNB702
Equivalents	ADP268
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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.

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	2013 SEM-1 (INT)

This unit provides foundational material for the study of interior design. Students will be introduced to design theory, methodology and aesthetics. Design will be explored as an interpretive process. Topics covered in the context of projects for the unit include: The studio as a way of learning; Introductory design exercises exploring two and three dimensional elements as they relate to the interior design context; Freehand sketching, principles of perspective; Mechanical drawing, principles of scaled drawing; Presentation and visual communication skills; Environmental issues and sustainability.

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	2013 SEM-2 (INT)

This unit introduces the student to design in three dimensional spaces of relevance to the practice of interior design and with a particular emphasis on the socio-cultural relations between people and the environment. The unit aims to foster an understanding of design not only as a language of exploration and communication but also as an activity

addressing person-environment interaction in a certain way. Topics covered in the context of projects for the unit include: Introduction to characteristics of design problems; Methods to generate and test design proposals; Creativity and innovation relative to contextuality; Presentation methods, techniques and materials used to generate and communicate design ideas; Relevant design history.

DTB202 Design Technology

Equivalents	ADB122
Credit Points	12
Campus	Gardens Point

In this unit students will acquire an understanding of the interconnection between technological changes, inventiveness, social context and interior design. Topics covered in this unit include: Interior design in relation to structural systems, materials, technologies and relevant legislation with specific emphasis on domestic building construction; Skills associated with observation, research, and communication; Ergonomic principles, site measure, tracking examples of construction, identification of types of structures; Measurement and recording of building environments and documentation incorporating 2D CAD.

DTB301 Interior Design 3

Pre-requisites	DTB201
Equivalents	ADB103
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

The aim of this unit is to facilitate students to develop an applied understanding of transition, interiority and building character in relation to interior design. This will be achieved through the integration of technological, psychosocial and experiential knowledge and theory with applied design approaches. Student learning will be facilitated in an holistic approach to the design issues. Topics covered in the context of projects for the unit include: Design methodology, skills, strategies, alternative processes; Documentation ranging from the conceptual to design development; Finishes, fittings and furnishings; Relevant design history; Relevant technological, psycho-social and experiential theory; Environmental issues and sustainability.

DTB302 Colour Studies

Equivalents	ADB152
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

This unit includes studies of the interdependence of light and colour, the physical properties of colour, the psychological and cultural dimensions of colour, and colour and its relationship with expression and aesthetics as it applies to the interior design context. Topics covered in this unit include: Colour properties, harmony and contrast; Mixing and application of colour; Qualitative effects of colour and light on interior form and space; Symbolic, physiological and psychological aspects of colour within historical and contemporary contexts.

DTB303 Technical Design

Pre-requisites	DTB202
Equivalents	ADB123
Credit Points	12
Campus	Gardens Point

In this unit students will acquire an understanding of the wide variety of commercial building interior systems related to the interior design industry. Topics covered in this unit include: Materials and tectonics, drafting conventions, technical site analysis and recording methods, introduction to ergonomics, codes and standards, introduction to commercial joinery and documentation techniques, and graphics and presentation approaches for communication. In addition 2D CAD skills will be introduced within this unit.

DTB401 Interior Design 4

Pre-requisites	DTB301
Equivalents	ADB104
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

The aim of this unit is to facilitate students to develop a deep understanding of dual function relationships in interior design in relation to person-environment interactions. This will be achieved through the integration of technological, psycho-social and experiential knowledge and theory specific to those contexts. Learning will be facilitated in order that a holistic approach is implemented. Students will be encouraged to define tasks, research possibilities, integrate theory and explore resolutions in a self-directed manner. Topics covered in the context of projects for the unit include: Design methodology skills; strategies; alternative processes; Documentation ranging from the conceptual to design development; Schedules and specification; Finishes, fittings and furnishings; Relevant design history; Relevant technological, psycho-social and experiential theory; Environmental issues and sustainability.

DTB402 Interior Systems

Pre-requisites	DTB303
Equivalents	ADB153
Credit Points	12
Campus	Gardens Point

The aim of this unit is to promote the understanding and awareness of the use and application of materials relevant to the interior design industry. Topics covered in this unit include: Textile manufacture and application; Interior decorative finishes, properties and techniques; Building codes and standards and specification relevant to material quality, performance and maintenance; Documentation and specification of finishes and fittings; The relationship between design technology and material selection; The role of contextual frameworks on designers' decisions in regard to materials.

DTB403 Human Environment

Credit Points	12
Campus	Gardens Point

This unit addresses political and social theories related to interior design and development within the built environment. Students are introduced to contemporary theories of post-industrialism, post-colonialism and multiculturalism. Topics covered in this unit include: Requirements of special needs groups; Psychosocial issues and privacy, perception, personal space, territoriality and way finding; The roles and responsibilities of design professionals, historically and in contemporary society; Cultural diversity.

DTB501 Interior Design 5

Pre-requisites	DTB401
Equivalents	ADB105
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

This unit is structured to assist students understand varied approaches to design by choosing from a range of research-led

themes that address more complex physical technical and cultural contexts. This approach ensures that an open, active and critical debate is sustained by the discipline on what constitutes interior design as an exploratory subject and creative endeavour, capable of revealing new intellectual and formal concepts. The content allows for new forms of knowledge and expertise to emerge through student projects.

DTB502 Environments in Transition

Equivalents	ADP156
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

DTB503 Furniture Studies

Equivalents	ADB154
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

This unit focuses on furniture as an integral element of an interior environment and of personal and cultural identity. These aspects will be contextualised in an appropriate furniture design project. Topics covered in this unit include: • A focus on interaction factors such as visual cues and psychological responses • An historical analysis of the role of furniture in interior design • Historic, contemporary and future trends • Furniture design and documentation

DTB601 Interior Design 6

Pre-requisites	DTB501
Equivalents	ADB106
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

The aim of this unit is to facilitate students to develop a deep understanding of specialised interior design in relation to person-environment interactions. This unit specifically addresses issues relevant to the interior designer in practice. Students are provided with an opportunity to apply their developing skills and knowledge in an informed and critical manner. Topics covered in the context of projects for the unit include: ¿ Consideration away from main stream interior design application eg interior design for transportation systems ¿ Development of the characteristics to tackle ambiguous, ill-defined, `real-life¿ simulated interior design problems ¿ Relevant design history ¿ Environmental issues and sustainability ¿ Relevant technological, psycho-social and experiential theory

DTB602 Design in Society

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

This unit adopts a social science viewpoint in addressing social and cultural aspects of significance to interior designers. Some of theses aspects include action and interaction, socialisation, ethnicity and race, control, and socio-cultural and indigenous issues of relevance to interior designers. Other topics covered in this unit include: ¿ Australia and the contemporary world ¿ Bureaucracy and organisations ¿ Mass media ¿ Technology ¿ Globalisation and regionalism

DTB701 Interior Design 7

Pre-requisites	DTB601
Equivalents	ADP107
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

DTB801 Interior Design 8

Pre-requisites	DTB701
Equivalents	ADP108
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

EAB001 Early Childhood Foundations 1: Historical and Comparative Perspectives of EC Education

Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT)

This unit examines the historical development of early childhood services in Australia, and explores a range of comparative perspectives on the care and education of young children in different socio-cultural contexts in Australia and in other cultures. To come to understand early childhood education, it is important to consider the evolution of key ideas that have influenced the development of the field over the past 150 years in western societies (Britain, Europe, the United States and Australia). The unit encourages students to reflect critically on the changing beliefs and practices in relation to young children and families in Australia over the twentieth century and to begin to formulate a personal philosophy of early childhood care and education.

EAB002 Early Childhood Foundations 2: Families and Childhoods in EC Education and Care

Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-2 (INT)

Early childhood education and care interface with the lives of children and families in diverse contexts. This unit deals with the social constructions of families and childhoods, the social practices they adopt and the services in which they participate. An understanding of these conditions is necessary for early

childhood educators to teach and lead effectively.

EAB003 Development and Learning in Early Childhood

Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-2 (INT)

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	Kelvin Grove and Caboolture
Teaching Periods	2013 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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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	Internet, Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT, EXT)

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	Internet, Kelvin Grove and Caboolture
Teaching Periods	2013 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	Internet and Kelvin Grove
Teaching Periods	2013 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.

EAB011 Early Childhood Curriculum: Arts 1

Credit Points	12
Campus	Internet, Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-2 (INT, EXT)

We are surrounded by visual images, in many cases much more powerful than any other form of communication. It is important that we are aware of how these images are working on us, and for that, we need to be visually literate. Childhood cultures are made up of interwoven narratives and commodities. The arts

enable young children to give form to thought, to develop multiliteracies for exploring and expressing ideas and feelings through representation. This unit examines the characteristic features of the early childhood arts curriculum, its philosophical and theoretical underpinnings, beliefs about the nature of the learner, the child/teacher relationship, and the educational process.

EAB012 Early Childhood Curriculum: Arts 2

Pre-requisites	EAB011
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	Internet, Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (EXT)

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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT); 2013 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.

EAB016 Research in Early Childhood Education

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT); 2013 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.

EAB021 Early Childhood Health, Safety, Nutrition and Wellness Education

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

There is concern in the community about the general health of young children. Therefore it is important for students to understand current health policies and practices for various early childhood education settings. This includes the daily food needs of young children and how to provide appropriate everyday food education and social food experiences. The unit provides students with the knowledge to lead, plan, implement, and evaluate health practices in services and to balance the nutritional needs of individual children. Personal health and health practices including preventative strategies are addressed.

EAB026 Early Childhood Community Arts Project

Pre-requisites	EAB012
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

EAB027 Early Childhood Mathematics Education 1: Birth to Six Years

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (INT, EXT)

This unit aims to develop concepts that are foundational to understandings in early childhood mathematics, and to generally enhance students'understandings, attitudes, values and skills in relation to early childhood mathematics, supported by concrete materials and computer environments. This unit will also investigate teaching methods and key sequences for developing concepts and skills for number, space, measurement, chance and data, and patterns and algebra.

EAB028 Early Childhood Mathematics Education 2: Four to 8 Years

Pre-requisites	EAB027
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 6TP4 (INT); 2013 SEM-2 (INT, EXT)

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	Internet and Kelvin Grove
Teaching Periods	2013 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	2013 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.

EAB364 Academic And Professional Communication

Credit Points	12
Campus	Internet
Teaching Periods	2013 SEM-1 (EXT)

The unit includes the following: the development of an understanding of the general processes of communication in an academic and professional contexts; application of information literacy skills to a range of print and electronic sources; conventions for communicating using a range of academic text-types using print and electronic media; key concepts relating to the study topic: Families in Context.

EAB422 Information and Communication Technologies and the Young Child

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

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.

EAN601 Investigating Curriculum and Pedagogy in Early Childhood

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 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	Internet and Kelvin Grove
Teaching Periods	2013 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	Internet
Teaching Periods	2013 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	Internet
Teaching Periods	2013 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	Internet and Kelvin Grove
Teaching Periods	2013 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 schools years. Emphasis is placed on a broad definition of literacy that highlights the importance of all children becoming active participants in society and of knowing and engaging in a range of literacy practices, rather than just learning a set of reading and writing "skills".

EAP400 Early Years: Literacies

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT); 2013 SEM-2 (EXT, INT)

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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT); 2013 SEM-2 (EXT, INT)

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	2013 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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 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.

EAZ006 Leadership and Management in Early Childhood Services

Credit Points	12
Campus	Kelvin Grove and Papua New Guinea
Teaching Periods	2013 SEM-2 (INT)

EAZ021 Early Childhood Environment, Health, Nutrition and Wellness Education

Credit Points	12
Campus	Kelvin Grove and Papua New Guinea

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.

EAZ345 Early Childhood Curriculum: Language Education

Credit Points	12
Campus	Papua New Guinea
Teaching Periods	2013 SEM-1 (INT)

The aim of this unit is to help you to: understand literacy; explore the different ways in which young children learn literacy and build a repertoire of evidenced-based strategies to facilitate literacy learning and development.

EAZ351 Family Studies and Early Childhood Education

Credit Points	12
Campus	Kelvin Grove and Papua New Guinea

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.

EAZ603 Development in Early Childhood Contexts

Credit Points	12
Campus	Papua New Guinea
Teaching Periods	2013 SEM-1 (INT)

The aim of this 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.

EDB001 Teaching and Learning Studies 1: Teaching in New Times

Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

Teaching today is being practised in a changing world. New forms of culture and society have emerged in recent decades alongside new and more globalised diagrams of economy, power and government. Schooling and education in all domains are being affected by these shifts and transformations. Educational sites, for instance, are becoming more

differentiated and enterprising; learners themselves increasingly more diverse, active and autonomous. Teaching in New Times challenges students, in the early stages of their course, to develop an insightful and research-based conceptual framework, drawn from social theory and cultural studies, so that they may respond to these transformations in an informed, ethical and professional manner.

EDB002 Teaching and Learning Studies 2: Development and Learning

Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 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	Internet, Kelvin Grove and Caboolture
Teaching Periods	2013 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	Internet, Kelvin Grove and Caboolture
Teaching Periods	2013 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	Internet, Kelvin Grove and Caboolture
Teaching Periods	2013 6TP4 (EXT, INT)

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 and Caboolture
Teaching Periods	2013 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	Internet, Kelvin Grove and Caboolture
Teaching Periods	2013 6TP4 (EXT); 2013 SEM-2 (INT)

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	Internet and Kelvin Grove
Teaching Periods	2013 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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT); 2013 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	Kelvin Grove
Teaching Periods	2013 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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT, INT)

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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT, INT)

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	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	Internet, Kelvin Grove and Caboolture
Teaching Periods	2013 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 availabile to Visiting students.

EDB023 Primary Field Studies 3: Inclusive Educational Practices

Pre-requisites	EDB022
Credit Points	12
Campus	Internet, Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	Internet, Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-2 (INT, EXT); 2013 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	Internet, Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-2 (INT, EXT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-2 (INT, EXT); 2013 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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-2 (INT, EXT); 2013 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 and Caboolture
Teaching Periods	2013 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	2013 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.

EDB039 Indigenous Politics and Political Culture

Credit Points	12
Campus	Kelvin Grove

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	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

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.

EDB200 Insights into Early Childhood Development

Credit Points	12
Campus	Internet
Teaching Periods	2013 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.

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	2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT), 2013 SUM (EXT, INT); 2013 SEM-2 (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	Internet and Kelvin Grove
Teaching Periods	2013 SUM (BLK, EXT, INT); 2013 SEM-2 (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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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.

EDN604 Facilitated Study Unit

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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.

EDN604 Facilitated Study Unit

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-2 (INT, EXT)

See EDN604-1.

EDN610 Professional Dialogues in Education

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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 in order to manage the future.

EDN611 Professional Applications of Research

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT, INT)

The unit focuses on the needs of professionals to seek research knowledge that addresses specific problems or issues in their practice and to develop a positive attitude towards research in general. It assists students to search

databases and other sources to locate published research reports in their field and evaluate them critically.

EDN612 Conducting Innovative Educational Research

Pre-requisites	EDN611
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (EXT, INT)

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	Internet and Kelvin Grove
Teaching Periods	2013 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

Co-requisites	PYN601, LCN625 or SPN640 and (LCN626 or SPN641)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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, PYN601, SPN640, SPN641
Co-requisites	SPN642
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	Internet
Teaching Periods	2013 SEM-1 (EXT); 2013 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	Internet
Teaching Periods	2013 SEM-2 (EXT)

The field experience component of this course provides opportunities for the demonstration of competence in working with young children in a planned environment. 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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT, INT)

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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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

Co-requisites	EAP400
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT); 2013 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	Internet
Teaching Periods	2013 SEM-1 (EXT); 2013 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	Internet
Teaching Periods	2013 SEM-1 (EXT); 2013 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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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	2013 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	2013 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	2013 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.

EDZ009 Professional Development: Ethics in Education

Credit Points	12
Campus	Institut Perguruan Ilmu Khas
Teaching Periods	2013 SEM-1 (INT)

Teachers' professional knowledge is dynamic and constantly changing; and it is essential for beginning teachers to develop as lifelong learners and reflective practitioners, prepared to work in constantly changing social, economic and professional conditions. This unit covers topics related to the complex professional and personal dimensions of teachers' work.

EDZ010 Curriculum Studies

Credit Points	12
Campus	Institut Perguruan Ilmu Khas
Teaching Periods	2013 SEM-1 (INT)

This unit examines the meaning of curriculum in relation to the school context, state and national contexts, the broader socio-political context. Of central importance throughout is the idea of curriculum as an interactive process. The idea of curriculum as a process is emphasised, and the dynamic interplay between curriculum context, theory and practice is illustrated through the topics listed below.

EDZ011 Linking Theory and Practice in the Language Classroom

Credit Points	12
Campus	Institut Perguruan Ilmu Khas
Teaching Periods	2013 SEM-1 (INT)

This unit examines the pedagogical frameworks underpinning classroom methodology. This final year unit will focus on linking theory and practice and on preparing students for forthcoming classroom teaching. It will include the practical preparation and implementation of lessons, drawing on and bringing into focus, relevant aspects of the programme.

EDZ013 Teaching Practice

Credit Points	48
Campus	Institut Perguruan Ilmu Khas
Teaching Periods	2013 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.

EDZ024 Research Project

Credit Points	12
Campus	Institut Perguruan Ilmu Khas
Teaching Periods	2013 SEM-1 (INT)

This unit aims to stimulate reflection and understanding of the complexity of teachers' work, and to develop a research orientation to reflective practice and to ongoing professional development as a teacher in Malaysia. It is also intended to provide both a theoretical and practical frame to classroom-based research design and methodology.

EDZ101 Teachers and learning: Perspectives and practices for early childhood educators

Credit Points	12
Campus	Kelvin Grove and Papua New Guinea
Teaching Periods	2013 SEM-2 (INT)

The aim of this unit is to examine your beliefs and practices about learning and teaching and critically reflect (using current theories) on how these may influence, your own personal and professional development and those of the elementary teachers with whom you work.

EFB201 Financial Markets

Pre-requisites	BSB113 or CTB113
Equivalents	EFX201
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	BSB123 or BSB122 or MAB126 or (BSB110 and BSB113)
Equivalents	EFX210
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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 CTB122, or BSB123 or MAB101 or MAB233
Anti-requisites	EFB101
Equivalents	EFX222
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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.

EFB224 Trading Floor

Pre-requisites	BSB113 or BSB123
Anti-requisites	EFN424
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (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.

EFB225 Economics for the Real Word

Pre-requisites	BSB113 or CTB113
Equivalents	EFX225
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 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	2013 SEM-1 (INT); 2013 SEM-2 (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 Finance 3

Pre-requisites	EFB307
Credit Points	12
Campus	Gardens Point

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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	EFB210
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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	EFB210
Anti-requisites	EFB212, IBB202, EFB240
Equivalents	EFX312
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 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	2013 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	2013 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	EFB337 or EFB222
Equivalents	EFX332
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	EFB307 and EFB222
Anti-requisites	EFB318
Equivalents	EFX335
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 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	2013 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	2013 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	2013 SEM-2 (INT)

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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	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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.

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	2013 SEM-1 (INT); 2013 SEM-2 (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	2013 SEM-1 (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.

EFN405 Managerial Economics

Anti-requisites	GSN203, GSN411, GSN414, GSN491, GSN492 and GSZ491
Equivalents	EFX405
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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
Teaching Periods	2013 SEM-1 (INT, EXT), 2013 SUM (INT, EXT); 2013 SEM-2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (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	2013 SEM-1 (INT); 2013 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	2013 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	EFN406
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (EXT, INT)

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	2013 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.

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	2013 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	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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	2013 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	EFN415
Equivalents	EFX505
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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 and EFN412
Equivalents	EFX507
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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

Pre-requisites	EFN500, EFN502 and EFN508
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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

Pre-requisites	EFN508 and EFN511
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	External
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	Gardens Point
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

EFX312 International Finance (Outbound Exchange)

Equivalents	EFB312
Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

EFX405 Managerial Economics (Outbound Exchange)

Equivalents	EFN405
Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 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	2013 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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	2013 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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

EFX501 Corporate and Commercial Lending (Outbound Exchange)

Pre-requisites	EFN412
Equivalents	EFN501
Credit Points	12
Campus	External
Teaching Periods	2013 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	
Teaching Periods	2013 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	2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SUM (INT); 2013 SEM-2 (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	2013 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	2013 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	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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.

ENB211 Dynamics

Pre-requisites	(MAB126 or MAB180 or MAB131) and (ENB130 or PCB136 or PCB150)
Equivalents	MMB112
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 SEM-2 (INT)

This unit introduces the basic concepts of fluid mechanics and applies them to some simple engineering problems.

ENB222 Thermodynamics 1

Pre-requisites	ENB130
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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)
Equivalents	EEB340
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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.

ENB246 Engineering Problem Solving

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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ENB275 Project Engineering 1

Equivalents	CEB216
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 SEM-2 (INT)

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ENB315 Motor Racing Vehicle Design

Pre-requisites	ENB316
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 SEM-2 (INT)

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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	2013 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	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	2013 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	2013 SEM-2 (INT)

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ENB371 Geotechnical Engineering 2

Pre-requisites	ENB272
Equivalents	CEB322
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	2013 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	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	2013 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
Equivalents	CEB416
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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.

ENB436 Mechatronics System Design

Equivalents	MMB478
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 SEM-1 (INT)

ENB440 RF Techniques and Modern Applications

Pre-requisites	ENB343
Anti-requisites	ENB445
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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

Pre-requisites	ENB275
Equivalents	CEB412
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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.

ENB478 Advanced Water Engineering

Pre-requisites	ENB378
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	2013 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	2013 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	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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	2013 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

Pre-requisites	ENN550. ENN550 can be enrolled in the same teaching period as ENN552.
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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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	2013 SEM-1 (INT); 2013 SEM-2 (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	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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ENN589 Intelligent Transport Systems

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

ENN590 Project 1

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	Gardens Point

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	2013 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	Gardens Point
Teaching Periods	2013 5TP7 (BLK)

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.

EPG015 Industrial Electrical Power Systems

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 5TP5 (BLK)

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	2013 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	2013 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.

EVB102 Ecosystems and the Environment

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

GSN403 Data Analysis and Decision Making

Pre-requisites	GSN404, GSN405, GSN407 and GSN491
Anti-requisites	EFN409
Equivalents	GSZ403
Credit Points	6
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 6TP2 (INT); 2013 6TP4 (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	2013 6TP3 (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	2013 6TP2 (INT); 2013 6TP4 (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	Gardens Point
Teaching Periods	2013 6TP6 (INT); 2013 6TP4 (INT)

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	2013 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	2013 6TP5 (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	2013 6TP2 (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	2013 6TP4 (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	2013 6TP2 (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	Gardens Point

Teaching Periods	2013 6TP1 (INT); 2013 6TP4 (INT)

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	Gardens Point
Teaching Periods	2013 6TP1 (INT)

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	Gardens Point
Teaching Periods	2013 13TP2 (BLK)

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

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	Gardens Point
Teaching Periods	2013 6TP5 (INT)

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	2013 6TP6 (INT), 2013 6TP2 (INT), 2013 6TP1 (INT), 2013 6TP3 (INT), 2013 6TP4 (INT); 2013 6TP5 (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	2013 6TP2 (INT), 2013 6TP1 (INT), 2013 6TP3 (INT); 2013 6TP4 (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	2013 6TP2 (INT); 2013 6TP4 (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	2013 6TP6 (INT); 2013 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	2013 6TP3 (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	GSN403 and GSN409 and GSN412
Equivalents	GSZ473
Credit Points	6
Campus	Gardens Point
Teaching Periods	2013 6TP2 (INT); 2013 6TP5 (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	2013 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	2013 6TP3 (INT)

This course introduces students to ethical theories and constructs with a focus on producing effective personal and professional resolutions to those 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	2013 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	2013 6TP4 (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	2013 6TP5 (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	2013 6TP3 (INT)

The nonprofit sector continues to mature and expand with the establishment of more sophisticated social enterprise programs. With significant reductions in the traditional sources of revenue, increasingly sophisticated competition and dramatic changes in expectations from clients and stakeholder groups, the need for effective strategy and implementation has grown. The unit offers a background to social enterprise and

associated issues.

GSN488 Fundraising Development Principles

Anti-requisites	GSN232, MIN409, AMN481
Credit Points	6
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 6TP1 (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	2013 6TP3 (INT); 2013 6TP5 (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.

GSN497 Personal Leadership and Change

Equivalents	GSN503,GSZ497,GSZ503,GSZ554
Credit Points	6
Campus	Gardens Point
Teaching Periods	2013 6TP1 (INT); 2013 6TP5 (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	2013 6TP4 (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	Gardens Point

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

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	2013 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	2013 6TP4 (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	2013 6TP5 (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. 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	2013 6TP6 (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	

GSZ403 Data Analysis and Decision Making

Pre-requisites	GSZ404 and GSZ405 and GSZ407 and GSZ491
Anti-requisites	EFN409
Equivalents	GSN403
Credit Points	6
Campus	Gardens Point
Teaching Periods	2013 13TP2 (BLK); 2013 6TP5 (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
Teaching Periods	2013 13TP2 (BLK); 2013 5TP5 (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	2013 13TP2 (BLK); 2013 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	2013 13TP2 (BLK); 2013 6TP1 (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	2013 13TP2 (BLK); 2013 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	Gardens Point
Teaching Periods	2013 13TP2 (BLK); 2013 5TP5 (BLK)

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	2013 13TP2 (BLK); 2013 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	2013 13TP2 (BLK), 2013 6TP6 (BLK); 2013 5TP3 (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	Gardens Point
Teaching Periods	2013 13TP2 (BLK); 2013 6TP6 (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.

GSZ413 Financial Management

Pre-requisites	GSZ403
Anti-requisites	EFN406
Equivalents	GSN413
Credit Points	6
Campus	Gardens Point
Teaching Periods	2013 13TP2 (BLK); 2013 5TP5 (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 Leadership and Complexity

Equivalents	GSN415
Credit Points	6
Campus	Gardens Point
Teaching Periods	2013 13TP2 (BLK); 2013 6TP6 (BLK)

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.

GSZ416 Business Plans 1

Pre-requisites	GSZ405, GSZ410 and 84cp of EMBA units

Equivalents	GSN416
Credit Points	6
Campus	Gardens Point
Teaching Periods	2013 13TP2 (BLK); 2013 5TP6 (BLK)

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	2013 13TP2 (BLK); 2013 5TP4 (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	2013 13TP2 (BLK); 2013 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	2013 13TP2 (BLK); 2013 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	2013 13TP2 (BLK), 2013 6TP2 (BLK); 2013 6TP3 (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
Equivalents	GSN473
Credit Points	6
Campus	Gardens Point
Teaching Periods	2013 13TP2 (BLK); 2013 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	2013 13TP2 (BLK); 2013 5TP6 (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	2013 13TP2 (BLK); 2013 5TP3 (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	2013 13TP2 (BLK); 2013 5TP3 (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	
Teaching Periods	2013 13TP2 (BLK), 2013 5TP2 (INT); 2013 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
Credit Points	6
Campus	
Teaching Periods	2013 13TP2 (BLK), 2013 5TP2 (INT); 2013 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	
Teaching Periods	2013 13TP2 (BLK), 2013 5TP2 (INT); 2013 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	
Teaching Periods	2013 13TP2 (BLK); 2013 5TP3 (INT)

GSZ507 Developing and Leading High Performance Teams

Equivalents	GSN507
Credit Points	6
Campus	
Teaching Periods	2013 13TP2 (BLK), 2013 5TP7 (EXT); 2013 5TP3 (INT)

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GSZ508 Organisational Behaviour and Culture

Equivalents	GSN508
Credit Points	6
Campus	
Teaching Periods	2013 13TP2 (BLK), 2013 5TP7 (EXT), 2013 5TP4 (EXT); 2013 5TP3 (INT)

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GSZ509 Workplace Project 1

Equivalents	GSN509
Credit Points	6
Campus	
Teaching Periods	2013 13TP2 (BLK); 2013 5TP5 (INT)

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GSZ510 Complex Projects and the Law

Equivalents	GSN510
Credit Points	6
Campus	
Teaching Periods	2013 13TP2 (BLK), 2013 5TP5 (INT); 2013 5TP7 (EXT)

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GSZ512 Strategically Managing Risk

Equivalents	GSN512
Credit Points	6
Campus	
Teaching Periods	2013 13TP2 (BLK); 2013 5TP5 (INT)

GSZ513 Managing Innovation in Technology-Based Organisations

Equivalents	GSN513
Credit Points	6
Campus	
Teaching Periods	2013 13TP2 (BLK), 2013 5TP5 (INT); 2013 5TP4 (BLK)

GSZ515 Business Planning

Equivalents	GSN515
Credit Points	6
Campus	
Teaching Periods	2013 13TP2 (BLK), 2013 5TP6 (BLK); 2013 5TP4 (BLK)

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GSZ516 Negotiation and Mediation Strategies

Equivalents	GSN516
Credit Points	6
Campus	
Teaching Periods	2013 13TP2 (BLK), 2013 5TP6 (BLK); 2013 5TP4 (BLK)

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GSZ520 Planning and Implementing Change

Equivalents	GSN520
Credit Points	6
Campus	
Teaching Periods	2013 13TP2 (BLK), 2013 5TP9 (BLK); 2013 5TP4 (BLK)

GSZ522 Accountability and Governance

Equivalents	GSN522
Credit Points	6
Campus	
Teaching Periods	2013 13TP2 (BLK), 2013 5TP9 (BLK); 2013 5TP4 (BLK)

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GSZ523 Stakeholder Engagement and the Media

Equivalents	GSN523, GSZ555
Credit Points	6
Campus	
Teaching Periods	2013 13TP2 (BLK), 2013 5TP9 (BLK); 2013 5TP4 (BLK)

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GSZ524 Capstone Integrating Workplace Project

Equivalents	GSN524
Credit Points	6
Campus	
Teaching Periods	2013 13TP2 (BLK), 2013 5TP8 (BLK); 2013 5TP4 (BLK)

GSZ526 Problem Solving in Complex Environments

Equivalents	GSN526, GSZ556
Credit Points	6
Campus	
Teaching Periods	2013 13TP2 (BLK), 2013 5TP2 (INT); 2013 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	
Teaching Periods	2013 13TP2 (BLK), 2013 5TP7 (BLK, EXT); 2013 5TP3 (INT)

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GSZ534 Building Organisational Capability

Equivalents	GSN534
Credit Points	6
Campus	
Teaching Periods	2013 13TP2 (BLK), 2013 5TP6 (INT); 2013 5TP4 (BLK)

GSZ552 The Sustainable Business

Equivalents	GSN552
Credit Points	6
Campus	Gardens Point
Teaching Periods	2013 13TP2 (BLK); 2013 5TP5 (BLK)

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GSZ553 Business Leadership Practicum

Pre-requisites	GSZ415
Equivalents	GSN553
Credit Points	6
Campus	Gardens Point
Teaching Periods	2013 13TP2 (BLK); 2013 6TP1 (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	2013 13TP2 (BLK); 2013 5TP6 (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.

GSZ601 Leading Self and Others

Anti-requisites	GSZ554
Credit Points	12
Campus	
Teaching Periods	2013 13TP2 (BLK), 2013 6TP4 (BLK); 2013 6TP5 (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	
Teaching Periods	2013 13TP2 (BLK), 2013 6TP6 (BLK); 2013 6TP5 (ALL)

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.

GSZ604 Navigating Risk, Ethics and Politics

Anti-requisites	GSN456
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 13TP2 (BLK); 2013 6TP1 (BLK)

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	
Teaching Periods	2013 13TP2 (BLK); 2013 6TP6 (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	
Teaching Periods	2013 13TP2 (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	
Teaching Periods	2013 13TP2 (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 Managing and Leading Supplier Relationships

Credit Points	12
Campus	
Teaching Periods	2013 13TP2 (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. Skilful 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

Credit Points	12
Campus	Kelvin Grove

HLB300 Independent Study

Pre-requisites	Completion of 192cp
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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.

HLN004 Chronic Conditions Prevention and Management

Equivalents	PUN553
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT, INT)

The unit introduces a range of factors that contribute to the development 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	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT, INT)

This unit addresses a range of qualitative methodologies and methods which represent alternative approaches to the application of the quantitative paradigm in health science research. The predominance of the natural sciences in nursing/health research has come into question in recent times and thus the unit introduces students to the origins of such challenges, to the knowledge bases of the alternative approaches to investigating the microsocial world of health/illness and to the relevant research methods. The unit comprises a series of lectures, seminar presentations and relevant

readings.

HLN700 Thesis

Credit Points	48
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT, INT), 2013 SUM (EXT, INT); 2013 SEM-2 (EXT, INT)

The thesis provides an opportunity to formally extend and synthesise knowledge gained in earlier semesters of the program. Coursework conducted in the area of specialisation may be applied in a practical manner reflecting a student's specific interest in health science. The work represents an independent and original piece of research completed under the guidance of a supervisor. The thesis may be a report on research that makes a contribution to knowledge, or a study in which students critically analyse and appraise existing knowledge and produce observations and conclusions of value to the field concerned.

HLN701 Independent Study

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SUM (INT); 2013 SEM-2 (EXT, 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	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT, INT), 2013 SUM (INT); 2013 SEM-2 (EXT, INT)

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.

HLN704 Project B

Pre-requisites	HLN703
Credit Points	24
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT, INT), 2013 SUM (INT); 2013 SEM-2 (EXT, INT)

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	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

The content of this unit builds on the basic statistics background assumed of students. A unifying theme is the concept of sources of variation in collected data, how proper design of study and measurement instruments minimises some sources of variation (error), how analytical techniques account for other sources, and finally the issue of introduced error that cannot be accounted for, but must be addressed in discussion of results. Analytical strategies for modelling health data are compared, and practical experience focuses on the analysis and interpretation of various data sets.

HLN708 Project

Credit Points	48
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT, INT)

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 Fundamentals of Epidemiology

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (EXT)

This unit introduces you to the fundamentals of epidemiology and quantitative research design. It addresses the collection and interpretation of epidemiological data, introduces measures of disease occurrence and association, and contemporary issues of major importance in health. It provides you with essential skills for logical, scientific assessment of the health and medical literature. There will be a strong emphasis on applying concepts through critical reading of the literature and the development of a comprehensive research proposal as the main practical exercise of the unit.

HLN711 Advanced Qualitative Methods

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 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	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT, INT)

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	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT, INT), 2013 SUM (INT); 2013 SEM-2 (EXT, INT)

Students undertake original research with the guidance of a supervisor. The thesis provides an opportunity for coursework conducted in the area of specialisation to be applied in a practical manner reflecting the student's specific interest in health science. HLN750-1 and HLN750-2 are the part-time version of HLN700.

HLN750 Thesis

Pre-requisites	HLN750-1
Credit Points	24
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT, INT), 2013 SUM (EXT, INT); 2013 SEM-2 (EXT, INT)

Students undertake original research with the guidance of a supervisor. The thesis provides an opportunity for coursework conducted in the area of specialisation to be applied in a practical manner reflecting the student's specific interest in health science. HLN750-1 and HLN750-2 are the part-time version of HLN700.

HLP101 Advanced Discipline Readings

Co-requisites	HLP105
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

HLP105 Research Strategies 1

Co-requisites	HLP101
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

HLP107 Project 2

Pre-requisites	HLP107-1
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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HLP107 Project 3

Pre-requisites	HLP107-1
Co-requisites	HLP106
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

HLP107 Project 1

Co-requisites	HLP105
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

HLP107 Project 4

Pre-requisites	HLP107-1
Co-requisites	HLP106
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

HMB171 Fitness Health and Wellness

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB172 Nutrition and Physical Activity

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This unit is an introduction to principles of nutrition in relation to the physical activity setting, and the role of nutrition and physical activity in weight management. This unit also covers the essential elements of child growth and development (auxology) in relation to nutrition and health. The unit is designed to underpin studies in exercise physiology and sports nutrition.

HMB231 Physical Education Curriculum Studies 1

Pre-requisites	HMB171 and HMB315
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB271 Foundations of Motor Control, Learning and Development

Pre-requisites	LSB131 or LSB231 or LSB255
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB272 Biomechanics

Pre-requisites	LSB131
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB273 Exercise Physiology 1

Pre-requisites	LSB231 or LSB142 or LQB388
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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

HMB274 Functional Anatomy

Pre-requisites	LSB131 or LSB255
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB275 Exercise and Sport Psychology

Pre-requisites	PYB100 or PYB012 or EDB002
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB276 Research in Human Movement

Credit Points	12
Campus	Kelvin Grove

Teaching Periods	2013 SEM-2 (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.

HMB277 Exercise and Sport Nutrition

Pre-requisites	HMB172 or PUB201
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

This unit considers the relationship between nutrition and exercise and physical activity. Areas covered include dietary and energy requirements in exercise and sport and substrate utilisation at the cellular level during exercise. The influence that nutrition has on performance via changes in body composition, fuel utilisation, blood biochemistry and ergogenic aids will also be covered. Nutritional supplements and water and electrolyte balance in exercise and sport are also part of this unit.

HMB278 Foundations of Movement for Educators

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB282 Resistance Training

Pre-requisites	LSB131
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB292 Health Education Curriculum Studies 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB300 Teaching Primary HPE

Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-2 (INT)

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.

HMB305 Personal Health

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB313 Understanding Physical Activity Participation

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB314 Alternative Physical Education

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB315 Games Based Learning in Physical Activity and Sport

Credit Points	12

Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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.

HMB331 Physical Education Curriculum Studies 2

Pre-requisites	HMB231
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB333 Child and Adolescent Health

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB337 Organisation and Management In Physical Education And Sport

Pre-requisites	HMB231
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB338 Wellness Processes and Strategies

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (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.

HMB339 Health and Wellness in Organisations

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

HMB347 Performance Analysis

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

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HMB348 Applied Sport and Exercise Psychology

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

HMB351 Wellness Coaching

Pre-requisites	HMB171 and HMB338
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

HMB362 Biomechanics 2

Pre-requisites	HMB272 and HMB274
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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

HMB371 Motor Control And Learning 2

Pre-requisites	HMB271
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB373 Cardiorespiratory and Metabolic Disorders

Pre-requisites	HMB271, HMB272, HMB273, HMB274
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB376 Motor Development in Children

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB377 Children in Sport

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB378 Neurological, Psychological and Musculoskeletal Disorders

Pre-requisites	HMB271, HMB272, HMB273, HMB274
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB381 Exercise Physiology 2

Pre-requisites	HMB273
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB382 Principles of Exercise Prescription

Pre-requisites	HMB273 and HMB282
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

In this unit, students examine the physiological principles and methods used in training and conditioning programs at all levels of physical activity. The integration of fitness assessment and exercise prescription is a major component of the unit, introducing the student to these requirements in the context of aerobic conditioning, resistance training, weight loss and flexibility. There is a strong emphasis on putting theory into practice, including the development and utilisation of appropriate practical skills in both fitness assessment and exercise prescription.

HMB385 Principles of Exercise Programming

Pre-requisites	HMB382
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

This unit provides students 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 is taught through lectures and practical laboratory classes. Assessment will be through group problem-solving exercises, an individual written report, and a final written examination.

HMB396 Health Education Curriculum Studies 2

Pre-requisites	HMB292
Credit Points	12
Campus	
Teaching Periods	2013 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.

HMB431 Physical Education Curriculum Studies 3

Pre-requisites	HMB331
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB470 Practicum 1

Pre-requisites	HMB382 and HMB385. HMB385 can be taken in the same study period.
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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]

HMB481 Clinical Exercise for Cardiorespiratory and Metabolic Disorders

Pre-requisites	HMB373 and HMB382. HMB373 can be studied in the same teaching period.
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB482 Clinical Exercise for Neurological, Psychological and Musculoskeletal Disorders

Pre-requisites	HMB378
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

HMB483 Research Internship

Pre-requisites	HMB271, HMB272, HMB273, HMB274, HMB276
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

HMB484 Practicum A

Pre-requisites	HMB470 and HMB481 and HMB482. HMB481 and HMB482 can be enrolled in the same teaching period as HMB484
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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. This is a designated unit.

HMB485 Practicum B

Pre-requisites	HMB470 and HMB481 and HMB482. HMB481 and HMB482 can be enrolled in the same teaching period as HMB485
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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. This is a designated unit.

HMB486 Practicum C

Pre-requisites	HMB470 and HMB481 and HMB482. HMB481 and HMB482 can be enrolled in the same teaching period as HMB486
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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. This is a designated unit.

HMB496 Health Education Curriculum Studies 3

Pre-requisites	HMB396
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

IFN001 Advanced Information Retrieval Skills

Credit Points	4
Campus	Gardens Point and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, BLK, INT); 2013 SEM-2 (EXT, BLK, INT)

Provides postgraduate research students with the skills to implement a thorough literature search in their research area and to contribute to life-long learning skills by improving students information literacy. The seven modules which form this unit include: the literature review, developing a search strategy; using the QUT and other libraries, database services, the Internet and its uses; developing a current awareness strategy; personal file management; evaluating information.

IFP105 Principles and Practice of Research Management

Credit Points	12
Campus	Internet
Teaching Periods	2013 SEM-2 (EXT)

This unit aims to improve understanding of the range of frameworks, and issues involved in the field of research management including research ethics, research training, research dissemination and multi-partner research collaboration. In exploring these frameworks and issues, the unit will acknowledge the human factors in research organisations and will examine the data management systems and other technologies which underpin the operation of a typical research services unit.

IFP107 Global Sustainability

Credit Points	12
Campus	Internet
Teaching Periods	2013 SEM-2 (EXT)

This unit deals with a number of key principles and practices relating to global

sustainability which are part of an R&D manager's activity and operating context. Global sustainability will be viewed as a case study of an emergent field in R&D, against the background of R&D's historical and ongoing responsibility for many of the phenomena requiring amelioration under the global sustainability agenda.

IFP109 Contexts For Research & Development Management

Credit Points	12
Campus	
Teaching Periods	2013 SEM-1 (EXT)

The unit aims to extend your critical engagement with a number of concepts and analytical approaches necessary for the development of your capacity to influence and shape the environments within which R & D management practices take place nationally and globally, and for the development of advanced operational responses to maximise the efficiency and effectiveness of R & D management in those environments. The unit aims to extend the student's capacity to form and articulate a personal vision of the major conceptual and policy debates framing the professional field.

IFP110 R&D Management Project 1

Credit Points	24
Campus	Internet
Teaching Periods	2013 SEM-1 (EXT), 2013 SUM (EXT); 2013 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	Internet
Teaching Periods	2013 SUM (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.

IFP113 Financial Decisions for Research Management

Credit Points	12
Campus	External
Teaching Periods	2013 SEM-1 (EXT)

-All managers within an organisation make various decisions, both short-term and long-term, that often require accounting-based information. As a minimum, therefore, an understanding of the basic format of financial statements, the development of financial budgets, and costing of services is essential to being an effective research manager. This unit also provides a number of the critical foundational concepts relating to financial accountability, and techniques to enable managers to plan, implement strategies and evaluate performance.

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	Gardens Point and Kelvin Grove

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

Units

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

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Campus	Gardens Point and Kelvin Grove

IFT682 Thesis

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Campus	Gardens Point and Kelvin Grove

IFT683 Thesis

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IFT691 Thesis

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IFT692 Thesis

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IFT693 Thesis

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IFT694 Thesis

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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

IFT803 Thesis

Credit Points	0
Campus	

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

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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

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Campus	Gardens Point and Kelvin Grove

IFT831 Thesis

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Campus	Gardens Point and Kelvin Grove

IFT832 Thesis

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IFT833 Thesis

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IFT834 Thesis

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IFT835 Thesis

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IFT836 Thesis

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IFT837 Thesis

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IFT841 Thesis

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IFT861 Thesis

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IFT862 Thesis

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IFT863 Thesis

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IFT864 Thesis

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IFT865 Thesis

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IFT867 Thesis

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Campus	Gardens Point and Kelvin Grove

IFT871 Thesis

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Campus	Gardens Point and Kelvin Grove

IFT881 Thesis

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IFT882 Thesis

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IFT883 Thesis

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Campus	Gardens Point and Kelvin Grove

IFT891 Thesis

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IFT892 Thesis

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IFT893 Thesis

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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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

IFX003 Exchange Program - Science and Engineering

Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

IFX201 Exchange Program - Health

Credit Points	12
Campus	
Teaching Periods	2013 XCH-2 (EXT)

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

IFX202 Exchange Program - Health

Credit Points	12
Campus	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

IFX401 Exchange Program - Law

Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

IFX402 Exchange Program - Law

Credit Points	12
Campus	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

IFX407 Exchange Program - Law

Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

IFX408 Exchange Program - Law

Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

IFX411 Exchange Program - Justice Studies

Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

IFX414 Exchange Program - Justice Studies

Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

IFX423 Exchange Program - Law (PG)

Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

IFX501 Exchange Program - Education

Credit Points	12
Campus	
Teaching Periods	2013 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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

IFX503 Exchange Program - Education

Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

IFX504 Exchange Program - Education

Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

IFX505 Exchange Program - Education

Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

IFX506 Exchange Program - Education

Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

IFX507 Exchange Program - Education

Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

IFX508 Exchange Program - Education

Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	

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

IFX523 Exchange Program - Education (PG)

Credit Points	12
Campus	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

IFZ948 Thesis

Credit Points	48
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

INB101 Impact of IT

Anti-requisites	INN101
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (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 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	2013 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	2013 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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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. The aim of this course is to familiarise you with the PRINCE2® method so that you could successfully work within and lead project teams.

INB124 Information Systems Development

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 SEM-1 (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	2013 SEM-2 (INT)

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INB182 Introducing Design

Equivalents	DEB101
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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 ITB005) and (INB104 or ITB001)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (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 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	2013 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	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	ITB006
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (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.

INB255 Security

Anti-requisites	ITB161, ITB523, ITB623, ITN161 and INN255
Equivalents	ITB730
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 SEM-1 (INT); 2013 SEM-2 (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	2013 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	Gardens Point
Teaching Periods	2013 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.

INB280 Fundamentals of Game Design

Pre-requisites	INB180
Equivalents	ITB016, ITN016
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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.

INB300 Professional Practice in IT

Pre-requisites	INB201
Anti-requisites	ITS020, INS010, INS011, INS012, INS020
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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) career planning and job applications, (2) entrepreneurship & innovation, and (3) business and IT strategy. You will be introduced to career development tools that enable you to self-manage your career and life. You will

learn how to critically think about the requirements of a job and reflect upon your own experiences and learn how to communicate them. You will also learn about the entrepreneurial process of identifying a business opportunity and how to take advantage of that opportunity. In addition, you will gain an understanding of core strategic concepts and models, discuss typical strategy tools and then apply them to the 'Business of IT'.

INB302 IT Capstone Project

Pre-requisites	INB301
Equivalents	ITB010
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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	2013 SUM (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.

INB306 Project 1

Pre-requisites	INB101, INB102, INB103, INB104 and INB201
Equivalents	ITB230
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	INB309-1 (can be enrolled in the same teaching period)
Anti-requisites	ITB844
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	INB101 and INB102 and INB103 and INB104 and INB201
Equivalents	ITB844
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 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	2013 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	2013 SEM-2 (INT)

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INB320 Business Process Modelling

Equivalents	ITB298
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 SEM-1 (INT); 2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	INB210 or ITB004 or INB122
Equivalents	ITB223
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	Gardens Point
Teaching Periods	2013 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.

INB345 Mobile and Ubiquitous Computing

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 SEM-2 (INT)

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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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	2013 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	2013 SEM-1 (INT)

INB355 Cryptology and Protocols

Anti-requisites	ITB646, ITB548, ITB566
Equivalents	ITB732
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	
Teaching Periods	2013 SEM-2 (INT)

INB360 Modelling and Simulation Science

Pre-requisites	INB270
Anti-requisites	MAB480
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

INB365 Systems Programming

Pre-requisites	INB270 or ITB003 or INB371
Anti-requisites	ITB745, ITB706, INN365
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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
Equivalents	ITB717
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	
Teaching Periods	2013 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	2013 SEM-1 (INT); 2013 SEM-2 (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	2013 SEM-1 (INT); 2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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
Anti-requisites	INB304 completed in semester 1 2009
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	INB103 or ITB002
Anti-requisites	ITB257
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 13TP3 (INT); 2013 13TP1 (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	2013 13TP2 (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	
Teaching Periods	2013 13TP2 (INT), 2013 13TP3 (INT); 2013 13TP1 (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	2013 13TP3 (INT); 2013 13TP1 (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	2013 13TP2 (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	
Teaching Periods	2013 13TP2 (INT), 2013 13TP3 (INT); 2013 13TP1 (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 script

INN120 Corporate Systems

Anti-requisites	ITN360 and INB120
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 SEM-1 (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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (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 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	2013 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	2013 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

Pre-requisites	INN120
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-2 (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.

INN255 Security

Anti-requisites	INB255, ITB161, ITB523, ITB623, ITB730
Equivalents	ITN161, ITN511, ITN523, ITN663, ITN730
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 SEM-1 (INT); 2013 SEM-2 (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	INN373, INB373,INB271,ITB007,ITB227
Equivalents	ITN007,ITN227
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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

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INN311 Enterprise Systems

Anti-requisites	INB311
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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INN312 Enterprise Systems Applications

Anti-requisites	INB312, ITB233
Equivalents	ITN233
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 SEM-2 (INT)

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INN320 Business Process Modelling

Anti-requisites	ITB298 and ITB320
Equivalents	ITN301
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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INN321 Business Process Improvement

Anti-requisites	INB321
Equivalents	ITN298
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	INN335, ITN332,INB322
Equivalents	ITN273
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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

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	2013 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	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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	2013 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.

INN330 Information Management

Anti-requisites	INB330
Equivalents	ITN266
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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
Teaching Periods	2013 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
Teaching Periods	2013 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
Teaching Periods	2013 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.

INN335 Information Resources

Anti-requisites	INB335, INN332, ITN273
Equivalents	ITN332
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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.

INN340 Database Design

Anti-requisites	INB340
Equivalents	ITN229
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 SEM-2 (INT)

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INN350 Internet Protocols and Services

Anti-requisites	INB350,ITB624,ITB629,ITB720,ITN524,ITN529,ITN667
Equivalents	ITN720
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	2013 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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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
Anti-requisites	MAN480
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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
Anti-requisites	ITB706, ITB745, ITB365
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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
Anti-requisites	INB371,INB372,TB702, ITB711, ITN711
Equivalents	ITN702
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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
Anti-requisites	INB372, ITB712, ITN662, ITN712, ITB612
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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
Anti-requisites	INB373
Equivalents	ITB716, ITN716,
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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, INB270, ITN700, or ITB003
Anti-requisites	INB374 and ITB717
Equivalents	ITN717
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	2013 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	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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 36 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	2013 SEM-1 (INT); 2013 SEM-2 (INT)

The majority of information technology (IT) initiatives, such as systems developments and implementations, are introduced into organizations through projects, and the success of these projects depends on their effective management. This unit covers the integration of the multi-disciplinary skills that students would have acquired at stage in the course required to manage IT projects successfully. Specifically, it covers the administrative, technical, communication and socio-political demands placed on modern IT project managers. The unit covers practical, relevant and topical IT project management issues delivered through tutorials and lectures.

INN530 Online Information Services

Equivalents	ITN278
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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
Teaching Periods	2013 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
Teaching Periods	2013 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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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
Teaching Periods	2013 SEM-2 (EXT, INT)

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INN550 Computer Forensics

Equivalents	ITN774
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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.

INN605 Advanced Research 1

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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	2013 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.

INN633 Executive Information Practice

Anti-requisites	INN631
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (EXT)

This unit has been developed as an overarching unit in the Executive Information Practice program, to establish meaningful links between the various units of study and to introduce you to key aspects of management and leadership as well as personal and professional development as you plan your future career journey. This unit is designed to enable you, as an individual, to reach a richer understanding of you capacities as a professional and as a future manager and leader.

INN634 Professional Practice

Equivalents	INN632-1,INN632-2,INN632-3,INN632-4,INN632-5,INN632-6,ITN280
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 SEM-2 (INT)

This unit aims to provide you with the knowledge to investigate and determine the security requirements for computer systems and networks and to understand the underlying issues and problems. In addition, this unit aims to enable you to investigate, evaluate and select the most appropriate security technologies for specific situations.

INN652 Advanced Cryptology

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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

Pre-requisites	INN694-1. INN694-1 may be studied in the same teaching period as INN694-2.
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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.

INN700 Introduction To Research

Pre-requisites	Admission into IT28 or IT29
Equivalents	ITN100
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (EXT, INT)

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	2013 SEM-1 (INT); 2013 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.

INS010 Full Year Co-operative Education

Anti-requisites	INB300
Credit Points	24
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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

INS351 CCNA 3&4 Lan Switching

Pre-requisites	INS350
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

This unit is the second step to a Cisco career certification path. The aim of this unit is to prepare students for the topics covered in Interconnecting Cisco Networking Devices Part 2 (ICND2) v1.0 (640-816) and Cisco Certified Network Associate Exam (CCNA 640-802). The ICND exam is one of the two qualifying exams available to candidates pursuing a two-exam option for the Cisco Certified Network Associate (CCNA) certification and CCNA 640-802, single-exam option for the Cisco Certified Network Associate CCNA certification.

INS451 CCNA 3 and 4 Lan Switching

Pre-requisites	INS450 which can be studied in the same teaching period as INS451
Anti-requisites	INS351
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

This unit is the second step to a Cisco career certification path. The aim of this unit is to prepare students for the topics covered in Interconnecting Cisco Networking Devices Part 2 (ICND2) v1.0 (640-816) and Cisco Certified Network Associate Exam (CCNA 640-802). The ICND exam is one of the two qualifying exams available to candidates pursuing a two-exam option for the Cisco Certified Network Associate (CCNA) certification and CCNA 640-802, single-exam option for the Cisco Certified Network Associate CCNA certification.

IZN001 Principles and Practices of University Learning and Teaching

Credit Points	12
Campus	
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

IZN002 Curriculum Design and Assessment in Contemporary Learning Environments

Credit Points	12
Campus	
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

IZN003 Research and Career Planning and Development

Credit Points	12
Campus	
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

IZN004 Scholarly Learning and Teaching Project

Credit Points	12
Campus	
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

JSB170 Introduction to Criminology and Policing

Equivalents	JSB131, JSB011, JSB101
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT)

This unit will provide you with an introduction to both of the majors 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	2013 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	Gardens Point and External

Teaching Periods	2013 SEM-1 (INT, EXT)

There are a range of skills which are essential for students studying the Bachelor of Justice degree. This unit introduces basic skills in research and written communication in order to lay a successful foundation for academic and professional achievement

JSB173 Understanding the Criminal Justice System

Equivalents	JSB135, JSB015, JSB202
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 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

Equivalents	JSB136
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 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	2013 SEM-1 (EXT, INT); 2013 SEM-2 (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	2013 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	2013 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.

JSB184 Sex and Crimes

Pre-requisites	48cp of previous study
Equivalents	JSB984
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT, INT)

The unit is informed by the concepts of governance, discipline, and the relationship between power and knowledge to think critically about the circumstances and conditions through which sex and sexuality are criminalised. In Module Two, these concepts are applied to particular 'cases' of sexual deviance in contemporary Australian and, where relevant, international contexts.

JSB207 Punishment and Penal Policy

Pre-requisites	96cp of previous study
Equivalents	JSB373
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT)

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.

JSB261 Theories of Government

Pre-requisites	48cp of previous study
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT, INT)

It is not possible to fully understand our system of government without understanding the history of ideas of government that have led to this point.

This is core knowledge for working in policy or politics. This unit will run through all the major theories of how governments should operate and the basis of authority, legitimacy and freedom. Theory of Government will provide you with the necessary knowledge of what our system of government is designed to do and why we have this rather than another system of government.

JSB262 Power, Government and Justice

Pre-requisites	96cp of previous study
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 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.

JSB263 Justice Institutions

Pre-requisites	48cp of previous study
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-2 (EXT, INT)

Justice graduates are increasingly taking on key roles working in or alongside Australian governance institutions. It is essential that these graduates have a full and working knowledge of the structure of Australian government and the legislative process in order to excel in these roles in an increasingly professionalised public sector. This unit will explore the establishment, evolution and functioning of key Australian justice institutions, in order to increase students' understanding and awareness of our systems of governance.

JSB264 Statistical Methods

Pre-requisites	96cp of previous study
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-2 (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).

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	2013 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	2013 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 writing a research proposal, carrying out a research project and reporting the research results. This subject, offered as a compulsory primary major unit in both the Criminology and Policing primary majors and 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	2013 SEM-1 (INT, 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 and External
Teaching Periods	2013 SEM-2 (EXT, 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	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT, INT)

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	2013 SEM-2 (EXT, INT)

This unit is concerned with the diverse roles, duties, powers and problems of policing in Australia. These issues are explored through three overarching themes: 1) Key policing principles (modules 1-2); 2) Specialisation (modules 3-6); and 3) Key issues in policing (modules 8-12).

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	2013 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	External
Teaching Periods	2013 SEM-2 (EXT)

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

Equivalents	JSB232, JSB041
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 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.

JSB374 Crime Prevention

Anti-requisites	JSN112
Equivalents	JSB333, JSB044
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT, INT)

The aim of this unit is threefold. First, the unit will discuss in detail the complex relationship which exists between the crime problem, the creation of criminality and traditional responses to crime. Second, the unit will discuss crime prevention strategies that are broader than the traditional criminal justice response as well as explore the appropriateness or otherwise of blanket responses to crime. Finally, the unit will consider the issue of how the interests of victims of crime may be adequately addressed both within and outside the criminal justice system.

JSB381 Indigenous Justice in Criminal Justice

Pre-requisites	JSB171 or JSB173
Equivalents	JSB371
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 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	2013 SEM-2 (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	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT, INT)

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.

JSB424 Thesis 4

Equivalents	JSB414-4
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT); 2013 SEM-2 (EXT)

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

JSB424 Thesis 1

Equivalents	JSB414-1
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT); 2013 SEM-2 (EXT)

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

JSB424 Thesis 3

Equivalents	JSB414-3
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT); 2013 SEM-2 (EXT)

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

JSB424 Thesis 2

Equivalents	JSB414-2
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT); 2013 SEM-2 (EXT)

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

JSN147 Independent Study

Equivalents	JSN117
Credit Points	12
Campus	External
Teaching Periods	2013 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.

JSN171 Justice and Human Rights

Equivalents	JSN101
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 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	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT)

The content of this unit is based on an assumption that students have a solid knowledge of research methodologies. This includes: an understanding of qualitative and quantitative research paradigms; principles of sampling; and various methods of collecting data. This unit will build on that knowledge and provide students with an understanding of the techniques that can be used to analyse both quantitative and qualitative data. These skills are important for those working in criminal justice and related fields in order for them to not only process research data but also to make sense of research results published in reports, journals and other publications.

JSN174 Transnational Organised Crime and Terrorism

Equivalents	JSN104
Credit Points	12
Campus	External
Teaching Periods	2013 SEM-2 (EXT)

This unit is designed to further your knowledge of Transnational Organised Crime (TOC) and Terrorism. Transnational organised crime has grown exponentially throughout the world in the past decades. Criminal groups operate in almost eery country and in varyting capacities. Sophisticated groups adopt a business like, often entrepreneurial approach to their criminal endeavours. Similarly, terrorist organisations operate throughout the world in various forms and use various entrepreneurial ventures to raise needed funds for their activities. Both criminal groups present an ongoing problem for governments and monarchies - globally. While, TOC groups benefit from the misfortune of others within the community, terrorists on the other hand, seek to undermine the fabric of these communities.

JSN175 White Collar Crime: Investigation and Prevention

Equivalents	JSN105
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (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 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. The background to the nature of white-collar crime is provided in JSN105 White Collar Crime - Investigations and Prevention. This unit assumes a familiarity with the nature of the offences and will provide the student with an outline of techniques for prevention and detection of white collar crime.

JSN176 Independent Study

Equivalents	JSN116
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (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	2013 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	Gardens Point and External
Teaching Periods	2013 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	2013 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.

JSN182 Crime Prevention

Equivalents	JSN112
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT)

A key aim of crime prevention is to instil an evidence-based approach that emphasises problem solving and analysis and systemic planning. Given the importance being placed upon prevention by the private and public sector it is important for you to understand the trends described above and develop skills relevant to the development, implementation and evaluation of crime prevention strategies.

JSN190 Research Thesis

Equivalents	JSN120
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT); 2013 SEM-2 (EXT)

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	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT); 2013 SEM-2 (EXT)

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	Gardens Point and External
Teaching Periods	2013 SEM-2 (EXT)

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	Gardens Point and External
Teaching Periods	2013 SEM-2 (EXT)

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	Singapore
Teaching Periods	2013 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	Singapore
Teaching Periods	2013 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	Singapore
Teaching Periods	2013 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	Singapore
Teaching Periods	2013 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	Singapore
Teaching Periods	2013 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	Singapore
Teaching Periods	2013 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	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This unit provides an introduction to the creative side of advertising, involving the analysis of advertising creative content, the development of creative strategies, creative concepts, and the crafting of persuasive ideas. The unit is the foundation for further work in creative advertising, and provides you with a thorough grounding in creative advertising history, industry practices, strategies and concept development.

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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 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 and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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 and interviews.

KCB104 Media and Communication: Industries

Equivalents	KCB150
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 SEM-1 (INT); 2013 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	2013 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	2013 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	2013 SEM-1 (INT); 2013 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

Other requisites	Unit coordinator approval is required. Students are expected to have completed 192cp of undergraduate study.
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 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	2013 SEM-1 (INT); 2013 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	2013 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	2013 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	2013 13TP3 (INT); 2013 13TP1 (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	2013 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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 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	2013 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	2013 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	The Chinese University of Hong Kong
Teaching Periods	2013 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	The Chinese University of Hong Kong
Teaching Periods	2013 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	The Chinese University of Hong Kong
Teaching Periods	2013 5TP9 (INT)

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KCZ104 Introduction to Media and Communication Industries

Equivalents	KCB104, KCB150
Credit Points	12
Campus	The Chinese University of Hong Kong
Teaching Periods	2013 SUM (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	The Chinese University of Hong Kong
Teaching Periods	2013 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. 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. Students will carry out research using some of these methods, analyse the results and present their conclusions and recommendations.

KCZ203 Consumer Cultures

Equivalents	KCB203
Credit Points	12
Campus	The Chinese University of Hong Kong
Teaching Periods	2013 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	The Chinese University of Hong Kong
Teaching Periods	2013 5TP3 (INT)

Professional Communication aims to enhance students' career prospects by developing a better understanding of communication dynamics between individuals and groups in organisational settings. The unit will sharpen students' practical and critical skills in situation analysis, project proposal development, formal document production, sponsor and 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	The Chinese University of Hong Kong
Teaching Periods	2013 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	The Chinese University of Hong Kong
Teaching Periods	2013 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	The Chinese University of Hong Kong
Teaching Periods	2013 5TP6 (INT)

This unit provides an overview of the theory and professional practices of political, parliamentary and governmental communication. It examines contemporary and historical political campaigns in Australia and internationally from the perspectives of media influence, strategic image and issue management, rhetorical models, and persuasion theory. 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	The Chinese University of Hong Kong
Teaching Periods	2013 6TP5 (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	2013 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.

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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 SEM-1 (INT)

This unit includes exposure to a range of culturally specific dance styles through practical workshops and a theory component providing contextual background to the styles taught.

KDB109 Funk, Tap and all that Jazz

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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.

KDB203 Dance Curriculum Studies 3

Pre-requisites	KDB202 (can be enrolled in the same teaching period)
Anti-requisites	KDP203
Credit Points	12
Campus	Kelvin Grove

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.

KDB204 Australian Dance

Equivalents	KDB114
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 SEM-2 (INT)

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KDB208 Integrated Professional Skills

Equivalents	KDB221
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 SEM-1 (INT); 2013 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	2013 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	2013 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	2013 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	2013 SEM-2 (INT)

Detailed knowledge of the materials, skills and processes available to the garment and textile industries is essential in the first year of study for the fashion designer.

KFB107 Drawing for Fashion

Equivalents	KVB107, KVB107-2, KVB757-2
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 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	2013 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 modern fashion.

KFB200 Design Studio 3

Pre-requisites	KFB102
Equivalents	KFB201, KFB403
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 SEM-2 (INT)

This unit is the capstone Design Studio unit 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	2013 SEM-1 (INT); 2013 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	2013 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	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

Design processes and creative thinking are at the core of interactive and visual design disciplines. This unit offers a broad foundational and generic introduction to the processes and methods designers employ when designing in a contemporary cross-discipline environment. It also introduces design history and theory. 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.

KIB101 Visual Communication

Equivalents	KIB801
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 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	Kelvin Grove
Teaching Periods	2013 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	2013 SEM-1 (INT); 2013 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	2013 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), therefore, there is an emphasis on skills and concepts that contribute to interpreting and responding to design briefs, and to developing creativity and design innovation.

KIB201 Concept Development for Game Design and Interactive Media

Equivalents	KIB816
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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	2013 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 will 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	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

Contemporary visual designers need to have a thorough and sophisticated understanding of the principles, theories, and history of visual communication as well as how it shapes and changes the way that we understand meaning, persuasion, society and culture. This unit builds on knowledge gained in KIB101 Visual Communication and KIB120 Graphic Design to provide an in-depth knowledge of the field of visual communication.

KIB216 Advanced Web Design

Pre-requisites	KIB204 or KIB230
Equivalents	KIB211, KIB817
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 SEM-1 (INT)

Typography and illustration are essential components of graphic design for both print and electronic media. This unit will focus on techniques of type design, appropriate use of type forms, the design and incorporation of lettering, and the expressive and communication uses of typography. It will also cover the history, uses, and processes of illustration and its application within visual design and communication. Lectures will introduce design history, techniques and approaches, which will be applied in design studios.

KIB309 Embodied Interactions

Pre-requisites	KIB216 or KIB205 or INB385
Equivalents	KIB311
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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 which extend the technical skills acquired in Programming for Designers and Artists and support the development of tangible media outcomes within design studios.

KIB314 Tangible Media

Pre-requisites	KIB309
Equivalents	KIB311
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

This unit extends the understandings of tangible media interfaces and applications gained in the embodied media unit. In this unit students will develop a tangible media project from concept through to design, production, evaluation, and exhibition. 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. Finished works will be displayed in a final exhibition where members of the public will interact with them.

KIB315 Contemporary Issues in Digital Media

Pre-requisites	Completion of 168cp of study
Equivalents	KIB813
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

The ubiquitous uptake of new technologies in communication, social interaction, and artistic expression has

changed the way that we conceptualize art and 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, and historical 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 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	2013 SEM-2 (INT)

Design Project is an advanced studio unit for interactive and visual designers. The second of two capstone units, it supports students to develop a final project which brings together the creative approaches, specialist design knowledge, and organizational skills that have been acquired through the Interactive and Visual Design course. In this unit, you will develop a design project based on proposals and prototypes produced in Design Project 1. The unit will be taught through presentations and seminars, critical reviews and design studio processes. The outcomes of this unit will contribute to a design portfolio and a graduate exhibition.

KIB338 Print Media

Pre-requisites	KIB120 or KVB204
Anti-requisites	KCP361, KCP405
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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 of print 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 design publishing techniques. Theoretical understandings gained through lectures will be augmented with technical skills in workshops, and applied to the production of team-based, professional quality print projects in design studios.

KIB340 Visual Information Design

Pre-requisites	KIB120 or KVB204
Equivalents	KIB211
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 SEM-1 (INT); 2013 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	2013 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	2013 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	2013 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
Teaching Periods	2013 SEM-1 (INT); 2013 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

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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

Anti-requisites	KCB304, KJB211
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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

Anti-requisites	KKP420, KVB104, KVP402, KJP420
Equivalents	KKB020
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 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
Anti-requisites	KJP403
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 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	2013 SEM-1 (INT)

This unit identifies, compares and analyses the diversity of journalistic practice in different countries and regions. You will look at historical conditions that have led to variations in journalism across the world, how different politico-economic systems affect journalistic activity, and how and why different news media take distinct approaches to covering world issues. You will develop the cross-cultural awareness and background knowledge required to identify story ideas, relate to sources and produce news reports in different countries and cultural environments.

KJB304 Sub-Editing

Pre-requisites	KJB120 or KJP400
Equivalents	KJB322
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

This unit builds on KJB211 (Layout and Design) and is aimed at teaching students how to assess text for publication in the journalism industry which is a highly sought skill for employment both within Australia and overseas. Students will assess the text for news' values, quality, photographs, supporting stories, applying style guides (both generic and in-house), grammar, spelling, accuracy, verification, its legality (including defamation, contempt and sub-judice), ethics, sources and balance. Students, individually and in small teams, will be given a range of copy-text from very poor to reasonable on a variety of topics 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	2013 SEM-1 (INT)

All media outlets now have a visible and increasing online news presence. This unit builds on the foundations established in Online Journalism 1 to equip students with the skills and theory needed to compete in this multimedia news world. Students will receive practical hands-on training allowing them to incorporate text, audio, video and still images into timely online news and feature reports. They will be required to consider the application other online communication tools (Blogs, wikis, Myspace, YouTube etc) in a modern journalistic environment. The praxis-based unit will see students work in rostered teams to create journalistic copy to be published online. They will also work independently to develop individual news or feature story highlighting the innovative possibilities of the online journalism medium.

KJB336 Radio and Television Journalism 2

Equivalents	KJB338
Other requisites	Successful completion (grade of 4 or higher) in KJB235 Radio and Television Journalism 1 PLUS an overall course GPA of 5 or higher
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 SEM-2 (INT)

This is an advanced reporting unit stressing the watchdog role of the news media using investigative techniques, including computer-assisted reporting, Internet and other online searching. You write news feature stories for possible publication, and engage in case study/role play exercises for understanding public events/processes and their relationships to news media. The unit is taught in three hour blocks over the first nine weeks of semester.

KJP400 Theories of Journalism

Equivalents	KJP105
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

This unit includes the following: a summary of the body of literature pertaining to the theories of journalism; identification of individual research interests; attention to the empirical traditions; summary of issues at an advanced level from journalists' perspectives through close reading of core texts.

KJP401 Newswriting

Equivalents	KJP120
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 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	KKB009, KKB618, KKD101
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT)

The development of the creative industries has been identified as a central element of the contemporary knowledge-based economy, which is informational, global and networked. This unit introduces concepts of the creative industries and the work of creative industries practitioners who explore and exploit the expression of creativity for commercial and artistic gain. In exploring the work of creative industries practitioners you will develop written communication skills for new media and academic contexts and reflect on your own emerging role as a creative industries practitioner. This unit is the first of two Creative Industries Foundations units which focus on building an understanding of creative industries practices and a diverse range of literacies essential to working in this new knowledge economy.

KKB102 Creative Industries: Making Connections

Equivalents	KKB007, KKB818, KKD102
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 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 years 1 to 10 Syllabus (Queensland Studies Authority, 2002).

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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

It is important that Creative Industries professionals 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 advanced-level capstone unit is offered during the final year of an undergraduate degree, that builds upon and strengthens knolwedge and skills acquired in KKB341 Internship 1.

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	2013 SEM-1 (INT); 2013 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 Tranisitions Hub (log on to BB > Community top tab > Creative Industries > 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	2013 SEM-1 (INT); 2013 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 Tranisitions Hub (log on to BB > Community top tab > Creative Industries > CI_Transitions). For some students this unit will be taken as the second of two 'project' units related to the same project, in such cases this unit may be require the prerequisite or corequisite of the first unit, KKB345 Creative Industries Project 1.

KKB347 Becoming A Researcher: Understandings, Skills and Practices

Pre-requisites	Completion of 192cp of study
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

This is the first of two units for third year Creative Industries students 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	2013 SEM-1 (INT); 2013 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 addresses the issues that pertain to the culture that is produced and exhibited in the city (or cities) selected for the tour and provides the opportunity 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	2013 SEM-2 (INT)

It is important that design professionals gain real 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 industry experience in order 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 work place. Work Integrated Learning 3 builds upon foundational knowledge of professional practice and self-directed learning acquired in Work Integrated Learning 1 and Work Integrated Learning 2 by extending the focus to reflection and analysis of how individually developed 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	2013 SEM-2 (INT)

It is important that design professionals gain real 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 industry experience in order 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 work place. Work Integrated Learning 4 builds upon foundational knowledge of professional practice and self-directed learning acquired in Work Integrated Learning 1, Work Integrated Learning 2 and if completed sequentially, Work Integrated Learning 3, by extending the focus to reflection and analysis of how the individually developed practice and work placement relates to the broader social, cultural and global professional contexts.

KKD101 Creative Industries: People and Practices

Equivalents	KKB009, KKB618, KKB101
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 13TP3 (INT); 2013 13TP1 (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	KKB007, KKD818, KKB102
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 13TP2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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.

KKN330 Postgraduate Workplace Learning

Equivalents	KKN320, KKN340-1, KKN340-2
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

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	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

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	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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

Pre-requisites	KKP004-3 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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, 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
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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, 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	KKP004-1 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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, 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)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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, 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

Pre-requisites	KKP400-3 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	KKP400-4 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	KKP400-1 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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.

KKP401 Honours Graduate Seminar

Equivalents	KKN002
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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 Super visor to the oral presentation of your research findings.

KKP409 Approaches to Honours Enquiry

Co-requisites	KKP400-1
Equivalents	KKB347
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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 Enquiry in the Creative Industries

Equivalents	DEB701, KKP609, KKP624
Credit Points	12
Campus	Kelvin Grove

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	2013 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	2013 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	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This unit is the first of two units for professional artists enrolled in the Master of Fine Arts. Its purpose is to extend and improve creative practice through intensive (live and/or digital) studio-based exploration, either independently or collaboratively. The unit consists of the creation and production of a creative work, accompanied by a written reflective analysis and contextualisation of the work.

KKP608 Advanced Professional Practice 2

Equivalents	KKN013
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

This unit addresses specific issues in each student¿s professional practice. As a practice-led enquiry, you will work closely with your supervisor to investigate specific issues related to your aesthetic, creative and performative concerns.

KKP613 MFA Project

Pre-requisites	KKP613-2 (can be enrolled in the same teaching period)
Equivalents	KKN010-3
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

This extended unit is the final study for the Master of Fine Arts, culminating in a creative or performance work encompassing skills, concepts and processes explored throughout the degree. Its purpose is to refine your practice to a sophisticated and professional level through intensive exploration with a public outcome, either in an individual or collaborative project. The artistic work is accompanied by a written exegesis reflecting on and contextualising your practice, with both components examined by an industry professional and an internal examiner. As the final component to your award you would be expected to work 35-40 hours per week (full-time).

KKP613 MFA Project

Pre-requisites	KKP613-3 (can be enrolled in the same teaching period)
Equivalents	KKN010-4
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

This extended unit is the final study for the Master of Fine Arts, culminating in a creative or performance work encompassing skills, concepts and processes explored throughout the degree. Its purpose is to refine your practice to a sophisticated and professional level through intensive exploration with a public outcome, either in an individual or collaborative project. The artistic work is accompanied by a written exegesis reflecting on and contextualising your practice, with both components examined by an industry professional and an internal examiner. As the final component to your award you would be expected to work 35-40 hours per week (full-time).

KKP613 MFA Project

Equivalents	KKN010-1
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

This extended unit is the final study for the Master of Fine Arts, culminating in a creative or performance work encompassing skills, concepts and processes explored throughout the degree. Its purpose is to refine your practice to a sophisticated and professional level through intensive exploration with a public outcome, either in an individual or collaborative project. The artistic work is accompanied by a written exegesis reflecting on and contextualising your practice, with both components examined by an industry professional and an internal examiner. As the final component to your award you would be expected to work 35-40 hours per week (full-time).

KKP613 MFA Project

Pre-requisites	KKP613-1 (can be enrolled in the same teaching period)
Equivalents	KKN010-2
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

This extended unit is the final study for the Master of Fine Arts, culminating in a creative or performance work encompassing skills, concepts and processes explored throughout the degree. Its purpose is to refine your practice to a sophisticated and professional level through intensive exploration with a public outcome, either in an individual or collaborative project. The artistic work is accompanied by a written exegesis reflecting on and contextualising your practice, with both components examined by an industry professional and an internal examiner. As the final component to your award you would be expected to work 35-40 hours per week (full-time).

KKP615 Graduate Seminar

Pre-requisites	KKP601 or KKP624 or KKP609 or KKN020
Equivalents	KKN200
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 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	2013 SEM-2 (INT)

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	2013 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	DEB701, KKP601, KKP609
Credit Points	12
Campus	Kelvin Grove

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	The Chinese University of Hong Kong
Teaching Periods	2013 5TP5 (INT)

The Asian region has been one of the most dynamic regions in the world over the last three decades. Economic growth and industrialisation, greater openness to the global economy, and the rise of mass media and consumer society, have led to dramatic changes in the media and cultural industries throughout the region. Forces associated with the rise of creative industries, such as globalisation, the knowledge-based economy, and media and communications networks are significantly shifting public policy, and raising new challenges, tensions and contradictions in politics, economics and culture.

KKZ302 Global Media and Communication

Credit Points	12
Campus	The Chinese University of Hong Kong
Teaching Periods	2013 5TP6 (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	The Chinese University of Hong Kong
Teaching Periods	2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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	
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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
Equivalents	KMB214-2
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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, 2 and 3. It assists students in consolidating their identity as an artist and collaborator, and in positioning their work within a broader field of practice. The unit will build students' skills in audience engagement, promotion and event curation in off campus contexts. In consultation with studio staff, students will propose a program of work for the semester and be mentored in bringing their projects to successful public outcomes both on and off campus.

KMB250 Creative Performer 1

Pre-requisites	(KMB141 or KMB135) and KMB119 and KMB129
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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.

KMB329 Music and Sound Production 6

Pre-	KMB319

requisites	
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 SEM-1 (INT)

This is the third unit of four Creative Performer units and concerns itself with the analysis of originality in professional practice and how these concepts and techniques could apply to your musical identity.

KMB351 Creative Performer 4

Pre-	KMB350
requisites	
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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
Anti-requisites	KMB202
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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

Pre-requisites	KK86MJR-MUSCSND - Music and Sound Major
Equivalents	KMN630
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 SEM-1 (INT); 2013 SEM-2 (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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 SEM-1 (INT); 2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

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	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

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	2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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.

KPB105 Narrative Production

Pre-requisites	KPB101 or KPB155 or KPB150
Equivalents	KPB185, KPB260
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 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	2013 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

Equivalents	KPB103, KPB107, KPB372-2
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

Genre matters — for creators of genre films and television productions, for distributors, and for audiences. Film and television genres continue to evolve in response to entertainment and artistic imperatives in the contemporary new media environment. It is therefore important to consider similarities, differences, and connections between related genres on film and television, as well as those genres unique to television.

KPB113 TV and Film Text Analysis

Equivalents	KPB108, KPB130
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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 or KPB185 or KWB102 or KWB111
Equivalents	KPB190
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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

Equivalents	KPB358
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

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 & Television) 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 screenplays. 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	2013 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	KWB229, KWB105
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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

Equivalents	KPB104, KPB314
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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	KPB201 or KPB190
Equivalents	KPB204, KPB265
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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

Equivalents	KPB204, KPB265
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	KPB210 or KPB104 or KPB207

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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 (can be enrolled in same teaching period)
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

Designed for students in their final year of study, this unit includes practice in short film, television and new media production in the communication of fictional or 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.

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	2013 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	2013 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	2013 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 or KRB113 or KSB113 or KSB289 or KRB111 or KSB111 or KSB292
Anti-requisites	KRB114, KSB114, KSB018
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

In the context of the creative industries, stage management and technical production training is applied across various genres, disciplines, venues and production styles, each requiring the application of specialist skills in unique contexts. A disciplined application of

event and stage management, lighting and sound practice in changing facilities and circumstances will affirm knowledge to support production process in developing creative surroundings.

KRB105 Theatrecraft

Co-requisites	KRB101 and KRB111
Equivalents	KSB105, KSB274
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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

Co-requisites	KRB101 and KRB105
Equivalents	KSB111, KSB292
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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 (can be enrolled in the same teaching period)
Equivalents	KSB215, KSB276
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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

Co-requisites	KRB217
Equivalents	KSB211
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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 or KSB217 or KSB213 or KSB290
Co-requisites	KRB212
Equivalents	KSB218, KSB214, KSB291
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

This unit engages a complex balance of intense, studio-based classroom work and practical, production experience ¿ with a concentration on the principles and realisation of professional lighting design. It supports students moving forward into creative and management roles in lighting, sound and production specialties. Student roles will include drama, contemporary dance, ballet, opera, musicals and concerts. Lighting and sound design and operation are integrated into the overall learning and production processes. Students will continue to develop creative and management methods and a high level of production independence - with an emphasis on understanding and applying advanced techniques in these areas. The process of putting theoretical knowledge into practice is followed by individual, meaningful and analytical reflection and feedback.

KRB220 The Scenographic Divide

Pre-requisites	KRB120
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	KRB121 and KRB220
Credit Points	12
Campus	Kelvin Grove

Teaching Periods	2013 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	2013 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	2013 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	KRB301 (can be enrolled in the same teaching period)
Equivalents	KSB302, KSB256
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2013 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	KRB302 (can be enrolled in the same teaching period)
Equivalents	KSB302, KSB256
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 SEM-2 (INT)

This unit continues the vocal and physical development work and introduces specific craft techniques. You will be working on contemporary naturalistic texts for stage, film and television.

KSB106 Acting Fundamentals

Anti-requisites	KTB103, KTB106, KKFAMJR-ACTING, KKFAMJR-DRAMA
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

Acting Fundamentals is a studio-based exploration of foundational acting principles for the development of character and story applicable to stage and film, involving warm-ups, physical and vocal awareness and expression, improvisation, scene study and performance process.

KSB107 Acting 1

Co-requisites	KSB103
Anti-requisites	KSB101, KSB202
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 SEM-2 (INT)

This unit extends the introductory acting exercises undertaken in Acting 1 and addresses issues of combining an organic acting process with the requirements and responsibilities of dramatic text at a naturalistic level.

KSB223 Voice and Movement 3

Pre-requisites	KSB104 or KSB205
Co-requisites	KSB229
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 SEM-1 (INT)

In this unit you will investigate the major artistic movements of the 20th century; fields of performance practice dominant in the 20th century; key 20th century performance makers and innovators and theatricality and performance.

KTB102 Process Drama

Equivalents	KTB214
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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

Anti-requisites	KSB106
Equivalents	KTB257
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	KTB103 or KTB257
Equivalents	KTB273

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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

Anti-requisites	KSB106
Equivalents	KTB258
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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

Equivalents	KTB308
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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 or admission to KK86, KK88, KJ42 or IX96
Anti-requisites	KTP406
Equivalents	KTB062
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	Completion of 72cp of study (% units)
Equivalents	KTB306
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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 third 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, Understanding Theatre and Staging Australia.

KTB302 Postdramatic Theatre

Equivalents	KTB204, KTB275
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	Completion of 192 credit points of study
Equivalents	KTB310
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

Performance 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	Kelvin Grove
Teaching Periods	2013 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.

KTP408 Marketing Arts and Culture

Equivalents	GSN228, KKP408
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

KTP409 Arts and Cultural Management

Equivalents	GSN227
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

KTP411 Advanced Practice in Creative Production and Arts Management

Pre-requisites	KK86MJR-CPARTMG - Creative Production and Arts Management Major
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

KTP413 Managing Money in the Arts

Equivalents	KKP402, GSN225
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

KTP414 Arts and Cultural Policy

Equivalents	KCP018, KCP401, KKP404
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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, 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	2013 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	2013 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

Anti-requisites	KKB020, KKP420, KVP402, KJP420
Equivalents	KVB509, KVD104
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 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	2013 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	2013 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	2013 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	2013 SEM-1 (INT); 2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 13TP2 (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 aesthestic 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	2013 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	2013 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	2013 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	2013 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	2013 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	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This unit examines the audio-visual conventions of digital media. It focuses specifically on analysing and creating moving images.

KWB101 Introduction to Creative Writing

Equivalents	KWB250
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

KWB103 Persuasive Writing

Anti-requisites	KWP402
Equivalents	KWB315
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

KWB104 Creative Writing: the Short Story

Anti-requisites	KWP403
Equivalents	KWB350
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

The unit covers the writing of the short story in detail.

KWB107 Creative Non-Fiction

Equivalents	KWB381
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

KWB108 Introduction To Literary Studies

Equivalents	KWB001, KWB716
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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	2013 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.

KWB114 Scientific and Technical Writing

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

KWB207 Great Books: Creative Writing Classics

Anti-requisites	KWP407
Equivalents	KWB301
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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 course commences with several of Chaucer's medieval tales and concludes with Vonnegut's modern anti-war classic Slaughterhouse Five. It includes Swift's biting satire and Emily Bronte's passionate Wuthering Heights. 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 SEM-2 (INT)

This unit provides an introduction to the function and structure of the writing and publishing industry.

KWB304 Editing and Developing the Manuscript

Anti-requisites	KWP104, KWP404
Equivalents	KWB301
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

KWB306 Creative Writing Project 1

Equivalents	KWB205, KWB395
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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.

KWB309 Popular Fictions, Popular Culture

Equivalents	KWB006, KWB725
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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 course commences with several of Chaucer's medieval tales and concludes with Vonnegut's modern anti-war classic Slaughterhouse Five. It includes Swift's biting satire and Emily Bronte's passionate Wuthering Heights. 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	2013 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.

KWP412 Contemporary Practice in Professional Communication

Pre-requisites	KK86MJR-PROFCOM - Professional Communication Major
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	
Teaching Periods	2013 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

Pre-requisites	Completion of 48cp of study
Equivalents	KKP403
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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
Teaching Periods	2013 SEM-1 (INT)

The entertainment industries are by far the largest sector of the creative industries; in 2007, the global Entertainment industry was worth $2.4 trillion, and it is projected to grow to $3.5 trillion by 2012. Entertainment industries include but are not limited to: TV, popular music, major entertainment events, games, radio, entertainment marketing, sports media, theme parks, and movies. In this unit you will learn about the nature of entertainment, and how the entertainment industries work. This unit familiarises you with: • The history of entertainment. • Key characteristics of entertainment. • The relationship between entertainment and the wider creative industries. • Changes in entertainment over the period of modernity. • The size and nature of entertainment industries.

KXB102 Global Entertainment

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

Entertainment and entertainment industries are a global phenomenon. In this unit you will learn about important entertainment industries in specific places—such as Bollywood, Hollywood, and South Korean computer games—as well as about the ways in which important entertainment forms such as soap operas, theme parks, sport as entertainment, and pop music (specifically Cantopop) work in different cultures around the world.

KXB201 Entertainment Practice: Balancing Creativity and Business

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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 amid-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	2013 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, KXB102, KXB201 and KXB202
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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.

LPP111 Lawyers' Skills

Anti-requisites	LPZ111
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 6TP2 (EXT), 2013 6TP1 (EXT, INT); 2013 6TP4 (EXT, INT)

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
Teaching Periods	2013 6TP2 (EXT), 2013 6TP1 (EXT, INT); 2013 6TP4 (EXT, INT)

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	2013 6TP2 (EXT, INT), 2013 6TP1 (EXT), 2013 6TP3 (EXT); 2013 6TP5 (INT, 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.

LPP114 Commercial

Anti-requisites	LPZ114
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 6TP2 (INT, EXT), 2013 6TP4 (EXT, INT); 2013 6TP5 (EXT, INT)

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	2013 6TP2 (EXT, INT), 2013 6TP1 (EXT), 2013 6TP3 (EXT); 2013 6TP5 (INT, 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.

LPP116 Electives

Anti-requisites	LPZ116
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 6TP2 (INT, EXT), 2013 6TP4 (EXT, INT); 2013 6TP5 (EXT, INT)

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	2013 6TP2 (EXT, INT), 2013 6TP1 (EXT), 2013 6TP3 (EXT); 2013 6TP5 (INT, 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.

LPP118 Placement

Anti-requisites	LPZ118
Credit Points	12
Campus	External
Teaching Periods	2013 6TP6 (EXT); 2013 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
Teaching Periods	2013 6TP2 (EXT), 2013 6TP1 (EXT); 2013 6TP4 (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.

LQB181 Introduction to Medical Laboratory Science

Anti-requisites	LSB480
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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 Human Cell & Molecular Biology

Anti-requisites	SCB112, SCB122
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

Human 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	2013 SEM-1 (INT)

Human anatomy provides an important foundation and essential prerequisite to the understanding and integration of knowledge from many other life sciences disciplines. Furthermore anatomy is a language that enables biologists and medical professionals to communicate with each other in a scientific forum. This unit focusses on the acquisition and application of appropriate anatomical terminology, understanding of basic cell and tissue structure and a detailed understanding of the major anatomical concepts of each organ system within the human body. It therefore provides appropriate introductory knowledge and skills in anatomy for students enrolled in science or health courses in their first year of study.

LQB184 Biomedical Skills 1

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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
Anti-requisites	MAB141
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

LQB362 Microbiology: Principles and Practice for Medical Laboratory Scientists

Pre-requisites	LQB281 and PQB105
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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LQB381 Biochemistry: Structure and Function

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	2013 SEM-1 (INT)

The aim of this unit is to provide you with a clear understanding of the structure and function of the biological macromolecules that are essential to the metabolic and physiological processes of living cells in health and disease.

LQB383 Molecular and Cellular Regulation

Pre-requisites	SCB122 or LSB238
Anti-requisites	LSB338
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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.

LQB386 Microbial Structure and Function

Pre-requisites	PQB105 or (SCB112 and (SCB121 or SCB113))
Anti-requisites	LSB328
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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	2013 SEM-1 (INT)

LQB388 Medical Physiology 1

Pre-requisites	LSB258 or LSB111 or LSB131 or LSB142 or LSB255
Anti-requisites	LSB358
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	LQB183
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (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	LQB183
Credit Points	12
Campus	
Teaching Periods	2013 SEM-1 (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.

LQB462 Microbial Diagnostics

Pre-requisites	LQB362
Anti-requisites	LSB435
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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LQB483 Molecular Biology Techniques

Pre-requisites	LSB238 or SCB122
Anti-requisites	LSB468, LSN468, LSN483
Credit Points	12
Campus	Gardens Point

Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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.

LQB486 Clinical Microbiology 1

Pre-requisites	LQB386 or LSB328
Anti-requisites	LSB435, LSB547
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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.

LQB488 Medical Physiology 2

Pre-requisites	LQB388
Anti-requisites	LSB458
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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 & Molecular Pathology

Pre-requisites	(LSB325 or LQB381) and LSB365
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

This unit will provide you with fundamental knowledge and technical skills as 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.

LQB501 Clinical Physiology Professional Internship

Pre-requisites	LQB388 and LQB488
Anti-requisites	SCB511
Credit Points	36
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

Clinical physiologists are allied health professionals that perform diagnostic tests 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 four different primary disciplines: cardiac sciences, neurophysiology, respiratory sciences and sleep sciences. 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. You will also interact with patients and other professionals in the field.

LQB502 Biomedical Work Integrated Learning A

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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/3 weeks full-time and maximum of 6 weeks) 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

Pre-requisites	LQB502
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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/3 weeks full-time and maximum of 6 weeks) 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.

LQB581 Functional Biochemistry

Pre-requisites	LQB481
Anti-requisites	LSB508
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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.

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	2013 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	2013 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.

LQB684 Medical Biotechnology

Pre-requisites	LQB584
Anti-requisites	LSN684
Equivalents	LSB609
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 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.

LSB111 Understanding Disease Concepts

Anti-requisites	LSB321, LSB365, LSB365, LSB475
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 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	Gardens Point and Kelvin Grove
Teaching Periods	2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 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 Advanced Anatomy

Pre-requisites	LSB131
Credit Points	12
Campus	Gardens Point

An in-depth study of the systematic and regional anatomy of the lower limb is undertaken with particular emphasis on osteology, arthrology, musculature, angiology and neurology.

LSB250 Human Physiology

Pre-requisites	SCB112 or LSB118 or LSB131 or LQB182
Anti-requisites	LSB231
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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 Human Anatomy

Pre-requisites	SCB112 or LQB182
Credit Points	12
Campus	Gardens Point

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	2013 SEM-2 (INT)

This unit 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 unit, students will also gain laboratory skills and knowledge of interpreting experimental data. This unit 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	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

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	Kelvin Grove and Caboolture
Teaching Periods	2013 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	Gardens Point
Teaching Periods	2013 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.

LSB365 Pathology

Pre-requisites	LQB281 and LSB250 and LSB255
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

LSB367 Pathology

Anti-requisites	LSB321, LSB475
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT)

This unit is an external unit designed to run online to meet the requirements of the students in the course who are located throughout Queensland. Pathology has a central role in most health related courses. A sound understanding of pathology is essential for the informed assessment and management of emergency patients. The unit has two main sections. The first section deals with general pathology principles (eg homeostasis, adaptation and defence, principles of diagnosis, environment and pathology, neoplasia, circulatory disorders). The second section involves application of the general principles of pathology to major diseases and dysfunctions of each of the organ systems of the body.

LSB382 Bioscience 3

Pre-requisites	LSB182 or LSB131
Credit Points	12
Campus	Gardens Point, Kelvin Grove and Caboolture
Teaching Periods	2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	LSB325 and MAB141 and SCB131

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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 PQB105
Anti-requisites	LSB465
Credit Points	12
Campus	
Teaching Periods	2013 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	2013 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

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 SEM-1 (INT)

This course of study (along with LSB625 Clinical Biochemistry 2) provides the graduating scientists with sufficient biochemical knowledge and laboratory experience to work effectively in both the smaller general-purpose laboratory performing a limited number of biochemical tests and the larger specialised laboratory performing in-depth studies of all aspects of clinical biochemistry.

LSB535 Microbial Immunology

Pre-requisites	LSB438 or LQB387
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	LSB425 and (LSB438 or LQB387)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

Haematology is the study of blood and investigates pathologies associated with non-malignant and malignant blood cell dyscrasias, and abnormalities of the

haemostasis and coagulation system that can lead to 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 competently in a routine diagnostic haematology laboratory. In developing these skills it is critical you have an in-depth understanding of the aetiology and pathophysiology of commonly encountered dyscrasias, and the principle and rationale of laboratory investigations used to diagnose them and monitor patient treatment in the clinical setting.

LSB565 Histopathology 2

Pre-requisites	LSB465
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

Histopathology is an essential component of pathology and one of the major clinical disciplines in Medical Laboratory Science. Students are introduced to advanced techniques and methods of handling histopathological specimens. Students acquire sufficient scientific and technical expertise to enable them to carry out and to understand a range of techniques used routinely in clinical histopathology and histology research laboratories.

LSB625 Diagnostic Endocrinology

Pre-requisites	LSB525
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	(LQB388 and LQB488) or (LSB282 and LSB382)
Anti-requisites	LQB400
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

LSB665 Transfusion & Transplantation Science

Pre-requisites	LSB555
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 SEM-2 (INT)

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LSN710 Project

Credit Points	48
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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.

LSN712 Project 2

Pre-requisites	LSN711 (can be enrolled in the same teaching period)
Credit Points	24
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 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	2013 SEM-1 (EXT, INT); 2013 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	2013 SEM-1 (EXT, INT); 2013 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.

LWB142 Law, Society and Justice

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT)

This unit examines the basic tenets of our democratic liberal legal system, particularly the central concept, the rule of law. The unit begins with an historical development of rights and the rule of law. It looks at how law and values intertwine and how society at a particular time shapes notions of legal personality, the recognition of 'family' and human rights in law. It finally addresses the limitations of democratic liberalism and the rule of law by examining the reality of equality before the law in relation to such topics as gender and cultural neutrality, equal access to justice, and lawyers and the adversarial system.

LWB144 Laws and Global Perspectives

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-2 (INT, EXT)

This unit is designed to give students an understanding of the global context in which Australia operates and the important impact of this context on Australian law and legal practice. The unit introduces and explains the fundamental structures and principles of Comparative Law, Public International Law and Private International Law; and examines their relevance to contemporary legal practice in Australia.

LWB145 Legal Foundations A

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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	LWB141 or LWB145
Credit Points	12
Campus	Gardens Point and External

Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT, INT)

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	2013 SEM-1 (EXT, INT); 2013 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.

LWB149 Indigenous Legal Issues

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-2 (EXT, INT)

Indigenous Australians have a unique position in Australian society as the traditional owners and custodians of the Australian continent and its offshore islands. The colonisation of Australia and the introduction of Anglo-Australian law have had a profound impact on Indigenous Australians and have contributed to the current level of social and economic disadvantage in Indigenous communities in many ways. This unit aims to provide you with an understanding of how government law and policy has had an especially adverse effect on Australian Indigenous peoples. It explores the potential for greater recognition of Indigenous rights, including the right to self determination, in the Australian context. The unit is of relevance if you are intending to work in legal practice, public sector policy or community organisations.

LWB150 Lawyering and Dispute Resolution

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT, INT)

Law students, and first year law students in particular, need an introduction to the context of legal professional practice to inform their study of the law. It is critical for the effective learning of law that students start to 'think like a lawyer', and understand the important and positive role that lawyers play in society. This role includes upholding the rule of law and assisting people to resolve disputes. In this unit students are introduced to a range of aspects of legal practice, with a focus on non-adversarial approaches to practice and to legal advocacy. Students are also introduced to key foundational lawyering skills centred on effective legal practice. In this way students are encouraged to develop an emergent sense of a positive professional legal identity.

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	2013 SUM-2 (BLK); 2013 SEM-1 (EXT, INT)

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	2013 SEM-2 (INT, 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	2013 SEM-1 (EXT, INT); 2013 SUM (BLK)

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	2013 SEM-2 (INT, 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	2013 SEM-1 (EXT, INT); 2013 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	2013 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	2013 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	
Teaching Periods	2013 SEM-2 (INT, EXT)

LWB260 Sports Law

Pre-requisites	LWB137 and LWB148
Equivalents	LWB460
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (EXT, INT)

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	2013 SUM-2 (BLK); 2013 SEM-2 (EXT, INT)

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.

LWB306 Sustainable Planning Law

Pre-requisites	Completion of 196cp of LWB units
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT, EXT)

An understanding of sustainable planning law is essential to legal practice in Queensland. Considerations of Ecological Sustainable Development impact upon most property and most financial transactions, while sustainable planning law is an important area of practice in its own right. The practice of planning law has expanded significantly in response to a growth in environmental regulation and the current resource boom in Australia.

LWB308 Australian Employment Law

Pre-requisites	(LWB139 or LWB148) and (LWB231 or LWB242)
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT, INT)

Due to its social, economic and political relevance, employment law is an increasingly significant feature of Australia's legal landscape. The employment relationship is one which affects us all, and in the light of continuing legislative changes to employment law, will continue to have a profound effect on our lives. The study of Australian

employment law will draw upon your knowledge and understanding of contract, tort, and constitutional law, and will increase your appreciation of the myriad of associated legislation (such as privacy and discrimination laws) and common law cases by which employment relationships are regulated in Australia. The aim of this unit is to provide you with a knowledge and understanding of Australian employment law and how to apply it in practice.

LWB309 Succession

Pre-requisites	LWB240, LWB241
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 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).

LWB313 Discrimination & Equal Opportunity Law

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT)

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.

LWB325 Financial Services and Consumer Law

Pre-requisites	LWB137 and LWB146
Credit Points	12
Campus	
Teaching Periods	2013 SEM-2 (INT, EXT)

This unit focuses on the regulatory framework governing the relationship between financial services providers and retail consumers. It covers the main aspects of the consumer regulation that is applicable to all types of consumer financial services (deposit-taking, insurance, investments, superannuation and consumer credit), as well as some key product-specific obligations.

LWB334 Corporate Law

Pre-requisites	(LWB143 or LWB146) and (LWB237 or LWB243)
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SUM (BLK); 2013 SEM-2 (EXT, INT)

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	2013 SUM-2 (BLK); 2013 SEM-1 (EXT, INT)

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.

LWB356 Advocacy

Pre-requisites	LWB432
Credit Points	12
Campus	Gardens Point

Advocacy is the art of persuasion in Court and before Tribunals. This unit concentrates on developing the fundamental skills of a good advocate, namely analysis, preparation and performance. Students are required to participate in oral advocacy exercises and mock trials. Regular attendance is necessary for successful completion of this unit.

LWB361 Drafting

Pre-requisites	LWB241, LWB244 and (LWB237 or LWB243)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 SEM-1 (INT, 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	2013 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).

LWB406 Fundamentals of Public International Law

Pre-requisites	LWB144
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-2 (INT, EXT)

This unit considers the legal rules that govern the activities of nations and the regulation of the activities of nations by international organisations, such as the UN. It also includes: the creation of international law and its sources; treaties; customary law; general principles of law; the concept of international legal personality; statehood; self-determination; recognition; the effects of international law; sovereignty; international responsibility. It also includes the law of armed conflict.

LWB407 Private International Law

Pre-requisites	(LWB242 or LWB231) and (LWB237 or LWB244)
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-2 (INT, EXT)

Globalization is contributing to the ever increasing movements of people, goods, services and investments across national borders. Along with this increased mobility has been an increase in legal disputes that have a trans-border dimension. Trans-border disputes often require the use of private international law concepts and rules to resolve fundamental jurisdictional issues. Private International Law is a body of legal principles that may be applied when disputes arise between private (non-governmental) parties bound by the law of different states/territories. A conflict of law can arise if the law of the different jurisdictions substantially differ. Where a conflict of laws does arise, each jurisdiction will apply their conflict of laws rules to determine which jurisdiction's laws should apply and in which forum the matter should be heard. Accordingly, this unit is essential for international legal practitioners. The unit assumes knowledge of basic substantive law in the areas of torts, contract, constitutional law and property law (both real and personal).

LWB410 Competition Law

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-2 (EXT, INT)

All countries that rely on markets and competition to allocate resources and satisfy the needs of consumers have a set of rules designed to deal with problems of market failure caused by one or more firms possessing market power. Such firms are able to undermine the competitive process by engaging in anti-competitive behaviour. In Australia, the rules regulating anti-competitive conduct and access to essential services are contained in the Competition and Consumer Act 2010 (Cth) (the Act). The rationale for the unit title Competition Law is to provide an overview of the anti-competitive practices which are proscribed by Part IV of the Act. The rules of competition have spread beyond privately owned business enterprises to embrace government business enterprises, so that a much wider range of people need to know what can and cannot be done in the market place.

LWB418 Competition Moots 1

Pre-requisites	LWB137 and LWB238 and (LWB139 or LSB148) and (LSB231 or LWB242)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

If students have completed the core units in first and second year, enjoy working under pressure and have participated in at least one moot as counsel, they may apply when applications are called for. 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 from November to February. The number of moots offered will vary from year to year.

LWB419 Competition Moots 2

Pre-requisites	LWB418
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This unit allows a student to build on the skills they have learnt in LWB418 Competition Mooting 1, to give them a higher level of understanding of oral and written argument and persuasive speaking, and an ability to apply these skills in an international competitive context.

LWB421 Learning in Professional Practice

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SUM (EXT); 2013 SEM-2 (INT)

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	192 Credit Value in spk(s): LWB%
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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	LWB238
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, 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	2013 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.

LWB435 Legal Research in Practice

Pre-requisites	192 Credit Value in spk(s): LWB%
Credit Points	12
Campus	Gardens Point and External

The aim of this unit is assist you to develop the advanced legal skills necessary to solve and communicate options for the resolution of complex legal problems (issue identification, legal research, critical analysis and effective writing), in a professional context. The unit also aims to advance your ability to acquire new knowledge independently. The focus of the unit is on teaching doctrinal legal research skills.

LWB456 Legal Clinic (Organised Program)

Pre-requisites	192cp of previous study in Law units (LW%)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (BLK); 2013 SEM-2 (INT)

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.

LWB463 Immigration and Refugee Law

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 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	2013 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	Gardens Point and External
Teaching Periods	2013 SEM-2 (EXT, INT)

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	2013 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

Pre-requisites	192cp of previous study in Law units (LW%)
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT)

This unit provides an introduction to environmental law in Queensland: the sources, nature and development of environmental law in Queensland; the concepts of environmental law (for example property, administrative control, law and policy, planning, management); access to the environment; planning to prevent environment degradation and pollution; protecting the environment; managing the environment; conservation; ecologically sustainable development; enforcement of environmental law; the role of the Commonwealth.

LWB486 Intellectual Property Law

Pre-requisites	(LWB237 or LWB244) and LWB240
Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SUM-2 (BLK); 2013 SEM-1 (INT, EXT)

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.

LWB489 Native Title and Indigenous Cultural Heritage Law

Pre-requisites	LWB237 or LWB244
Credit Points	12

Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT)

This unit aims to provide you with a working understanding of the development and operation of the principles which govern the recognition, protection and management of native title and associated Indigenous cultural heritage interests in Australia. It seeks to develop this understanding in political, legal and comparative contexts, with attention to the varying perspectives on these issues, and with encouragement for you to engage in a critical and law reform-oriented examination of contemporary problems in these fields.

LWB497 Advanced Research Project

Pre-requisites	192cp of Law discipline units (LWS% units)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (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 and Non-adversarial Practice

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-2 (INT, EXT)

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.

LWN022 Banking and Finance Law

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (BLK)

Banking transactions law is an important area of legal practice. Banking transactions fall into three primary categories - saving/investing, borrowing, or the making of payments. Most people engage in one or more of these categories of banking transactions. An understanding of the rights and obligations which arise through the use of the banking and financial system is appropriate in the postgraduate study of law, due to the scope, complexity and every-day relevance of the area. This unit concentrates on the transactional aspect of banking and finance law rather than the institutional aspect.

LWN025 Research Project 1A

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (EXT, INT)

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	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (EXT, INT)

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	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (EXT, INT)

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	24
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (EXT, 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.

LWN030 Mediation

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 6TP1 (BLK)

The ADR movement has developed at a rapid pace in Australia and internationally with mediation being incorporated into the practices of most courts and tribunals as well as at the private level. This unit examines the theory and skills of mediation. The aim of this unit is to provide a coherent knowledge and understanding of mediation theory as well as developing mediation skills relevant to ongoing learning and professional practice.

LWN048 Advanced Legal Research

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (BLK); 2013 SEM-2 (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.

LWN051 Consumer Protection and Product Liability

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT)

This unit is divided into two main parts. The first part considers the statutory and common law actions that are available to protect consumers from misleading or deceptive conduct and unfair marketing practices. Emphasis is given to the role played by the Trade Practices Act in relation to conveyancing and land transactions, financial services and advertising. Unconscionable conduct is also considered. The second part of the unit is concerned with statutory and common law actions available when loss or damage is suffered as a result of defective products. Remedies and defences are considered throughout the course.

LWN053 Research Project 1B

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (EXT, INT)

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	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (EXT, INT)

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	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (EXT, INT)

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	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (EXT, INT)

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	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (EXT, INT)

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	Gardens Point and External
Teaching Periods	2013 5TP7 (BLK)

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
Teaching Periods	2013 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.

LWN094 Energy Law

Credit Points	12
Campus	Gardens Point

Natural resources law and its related subject, environmental law, have become significant areas of professional legal practice over the last decade or so. One of the particular areas of natural resources law for these purposes is energy law. Energy law is the law relating to the ownership, use, development and control of those natural resources which are used to produce energy for the benefit of the community. Areas covered in this unit include: the sources and history of energy law; the principles and concepts underlying energy law; the common law rules of ownership of sources of energy; statutory ownership of sources of energy; how the law regulates access to sources of energy; how the law controls the development of sources of energy.

LWN095 Native Title and Indigenous Cultural Heritage Law

Credit Points	12
Campus	Gardens Point and External

Teaching Periods	2013 SEM-1 (EXT, INT)

This unit aims to provide you with a working understanding of the development and operation of the principles which govern the recognition, protection and management of native title and associated Indigenous cultural and intellectual property interests in Australia, within an international legal context. It seeks to develop this understanding in political, legal and comparative contexts, with attention to the varying perspectives on these issues, and with encouragement for you to engage in a critical inquiry and examination of contemporary problems in these fields.

LWN097 Corporate Insolvency

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (EXT, INT)

An appreciation of the principles of corporate insolvency law is fundamental to an understanding of corporate law and practice. There appear to be more cases dealing with insolvency in the context of corporations than any other area of corporate law, and issues relevant to insolvency are increasingly impacting upon other areas of corporate law, including corporate governance and corporate administration. Clearly the need to understand the possible consequences of insolvency of a company is an important part of modern commerce, and issues pertinent to corporate insolvency are of relevance not only to lawyers, but also to professionals in the accounting and financial fields. As the company is the most common form of business organisation, even in a broadly based legal practice there will be a need to understand the procedures and requirements when a corporation becomes insolvent.

LWN099 Intellectual Property Law

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 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.

LWN117 Cyber Law and Policy

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

This unit examines legal 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 and External

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, including public sector employment law and the law of trade unions.

LWN125 Electronic Commerce Law

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 6TP2 (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.

LWN129 Contemporary Issues in Sentencing Law

Credit Points	12
Campus	External
Teaching Periods	2013 SEM-2 (EXT)

Sentencing law has become a specialised area of research and practice for criminal law practitioners in Australia. A distinct High Court sentencing jurisprudence has emerged which continues to impact on sentencing legislation and common law across jurisdictions. All Australian jurisdictions have now enacted specialised sentencing legislation, creating discrete principles and thereby ensuring that the separate discipline area of sentencing law continues to evolve, complete with its own discourse. In recent years, the influence of both restorative and therapeutic jurisprudence agendas have seen significant and far reaching reforms to how the law deals with those convicted of certain offences. It is therefore essential that criminal law practitioners and those who study the criminal law, have a sound understanding of this developing discourse and are able to critically analyse the impact of recent innovations.

LWN146 International and Comparative Intellectual Property Law

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (BLK)

Intellectual property law is one of the underpinnings of the knowledge economy and the information society. Developed as a set of public policy measures essentially in the commercial domain, complementing the principles of competition law, IP law has evolved in ways that touch on interests as diverse as cultural exchanges, bioethics, indigenous rights, public health, biodiversity, education and protection of cultural identity. International developments, especially the progressive development of multilateral treaties for over a century and the recent negotiation of regional and bilateral trade deals, have increasing impact both on domestic policymaking and on the routine practice of IP law.

LWN158 Public International Law

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT)

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 Tribunals have been established to prosecute war criminals. Furthermore, doctrines of international law underpin arguments concerning the appropriate maritime boundaries between East Timor and Australia or the competence of the coalition of the willing to militarily intervene in Iraq.This unit aims to introduce you to the study of public international law through in depth analysis and examination of contemporary areas of law, policy and practice relating to this area of law.

LWN161 Law and Policy of the World Trade Organisation

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 6TP5 (BLK)

-With the rapid acceleration in the pace of globalisation and a substantial broadening of the WTO's regulatory field since 1994, the World Trade Organisation (WTO) is the primary multilateral economic institution that is responsible for regulating a broad range of trans-border trade and economic activities. WTO law and policy impacts on enterprises that engage in trans-border economic activities by regulating foreign market access/trade barriers, unfair international trade practices, international trade in services, trade-related aspects of intellectual property and trade-related investment measures and international trade dispute resolution.

LWN162 Australian Common Law System

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (EXT, INT)

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	Gardens Point
Teaching Periods	2013 5TP7 (BLK)

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
Teaching Periods	2013 SEM-2 (BLK)

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.

LWN165 Children's Health and the Law

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 5TP5 (BLK)

This unit introduces you to selected legal issues concerning the health of children in Australia. These issues are new and emerging, and they present legal, theoretical and practical questions that have implications for legal, health and educational systems. As well, they pose new challenges for legal practitioners, policymakers and scholars. Studying this unit at postgraduate level provides opportunities and challenges that exceed undergraduate study. You will be exposed to a number of contemporary issues affecting children and their health. You will have the opportunity to consider, from interdisciplinary perspectives, legal problems regarding children's health that face legal, health and other social systems. You will be required to identify an important issue in Australian law relating to children and health, and to conduct legal research, analysis (which can be interdisciplinary) and writing to critically evaluate the situation.

LWN172 Special Topic in Commercial Law

Credit Points	12
Campus	Gardens Point

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.

LWN184 Insolvency Law and Professional Practice 1

Credit Points	12
Campus	
Teaching Periods	2013 SEM-1 (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.

LWN191 International Criminal Tribunals

Equivalents	LWN175
Credit Points	12

Campus	Gardens Point
Teaching Periods	2013 6TP1 (BLK)

The last fifteen years has seen the transformation of International Criminal Justice. The creation of the ad hoc international criminal tribunals by the UN Security Council, the emergence of hybrid courts and the establishment of the International Criminal Court under the Rome Statute has fuelled developments in both the substantive law and in International Criminal Procedure. The enforcement of International Criminal Law in the international legal order is heavily reliant on cooperation with Sovereign States. Australia has implemented legislation for cooperation with the ICTY, ICTR and the ICC in order to carry out its obligations under International Law.

LWN194 Conceptual Issues in Medical Law

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT, INT)

The aim of the unit is to develop 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. We then aim 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.

LWN196 Environmental Law and Practice

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (EXT, INT)

Environmental law is a relatively new and innovative area of law. It has been created in response to growing concerns in our community regarding the need to protect our environment from excessive harm, whilst enabling industrial activities to continue to operate and contribute to our economy. Environmental law has emerged in recent years as a significant area of professional legal practice. This unit will introduce you to the key concepts of environmental law through analysis of a series of real world environmental law scenarios which will integrate your understanding of the law and legal system. This unit will provide a strong foundation for more in-depth postgraduate study of particular aspects of environmental law.

LWN198 Advocacy and Financial Disputes in Family Law

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 5TP8 (BLK)

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	2013 6TP4 (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.

LWN206 Family Dispute Resolution Practitioner Skills

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 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
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (EXT, INT)

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.

LWN401 General Introduction To Intellectual Property Law

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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 Interventions

Pre-requisites	LWN401. LWN401 can be studied in the same teaching period as LWN402
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 6TP3 (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	2013 6TP4 (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	2013 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	2013 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
Teaching Periods	2013 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	Gardens Point
Teaching Periods	2013 5TP5 (BLK)

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.

LWP101 Discrimination and Equal Opportunity Law

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 5TP3 (BLK)

this unit is to be taken by a specific cohort of students only and is not available for "open" enrolment

LWP108 Organisational Behaviour

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 5TP2 (BLK)

This unit is designed to provide a broad understanding of organisational behaviour as a base for better understanding and practice of management. The unit examines organisational behaviour at three levels - individual, group and the organisation as a whole. 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.

LWP137 Contracts B

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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.

LWP142 Law Society and Justice

Credit Points	12
Campus	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT)

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	Gardens Point and External
Teaching Periods	2013 SEM-2 (INT, EXT)

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	Gardens Point and External
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 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.

LWS007 Introduction To Intellectual Property Law

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

Intellectual property protection is undoubtedly of paramount importance in the research, development and commercialisation of emerging technologies. Managers and researchers need to be aware of the different types of property that can be protected and how the property needs to be protected. There have also been significant developments in the field of intellectual property law in recent years. The concepts taught in Introduction to Intellectual Property Law are of significant relevance to persons intending to practice in the emerging fields of science.

LWS008 Entertainment Law

Pre-requisites	LWS009 or BSB111
Anti-requisites	LWS011
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	Gardens Point and External
Teaching Periods	2013 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.

LWS075 International Business and Law

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	
Teaching Periods	2013 SEM-2 (EXT)

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MAB101 Statistical Data Analysis 1

Anti-requisites	BSB123, EFB101, MAB141, MAN101, MAB233
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (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

MAB105 Preparatory Mathematics

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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.

MAB121 Single Variable Calculus and Differential Equations

Anti-requisites	MAN121
Equivalents	MAB111, MAB126, MAB131, MAB182
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (INT)

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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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, LQB284
Equivalents	MAB140
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (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	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (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.

MAB220 Computational Mathematics 1

Anti-requisites	MAN220
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (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 the advanced units in computational mathematics.

MAB233 Engineering Mathematics 3

Pre-requisites	MAB131 or MAB182 or MAB121 or MAB126 or MAB127
Anti-requisites	BSB123, MAN101
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (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	Gardens Point
Teaching Periods	2013 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.

MAB311 Advanced Calculus

Pre-requisites	(MAB111 or MAB121) and (MAB112 or MAB122)
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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

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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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

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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 SEM-1 (INT); 2013 SEM-2 (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	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT); 2013 SEM-2 (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	2013 SEM-1 (INT); 2013 SEM-2 (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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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.

MAN461 Discrete Mathematics

Pre-requisites	MAN122 or MAB112 or MAB122
Anti-requisites	MAB461, MAB621
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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	2013 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.

MAN775 Statistical Modelling of Financial Processes

Pre-requisites	MAB524 and MAN536
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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.

MDB001 Foundation: Scientific and Quantitative Literacy

Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT)

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.

MDB002 Teaching Primary Mathematics 1

Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 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.

MDB003 Teaching Primary Mathematics 2

Pre-requisites	MDB002
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 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.

MDB004 Teaching Primary ICT

Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 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.

MDB005 Teaching Primary Design and Technology

Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT)

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

MDB006 Teaching Primary Science

Credit Points	12
Campus	Internet, Kelvin Grove and Caboolture
Teaching Periods	2013 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.

MDB010 Biology Curriculum Studies 2

Pre-requisites	MDB031
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

MDB013 Chemistry Curriculum Studies 2

Pre-requisites	MDB031
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

MDB019 Earth Science Curriculum Studies 2

Pre-requisites	MDB031
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

MDB021 Mathematics Curriculum Studies 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

MDB022 Mathematics Curriculum Studies 2

Pre-requisites	MDB021
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

MDB023 Mathematics Curriculum Studies 3

Pre-requisites	MDB022 or MDB453 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

MDB025 Physics Curriculum Studies 2

Pre-requisites	MDB031
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

MDB028 Science Curriculum Studies 2

Pre-requisites	MDB031
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

MDB031 Science Education Curriculum Studies 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

MDB033 Science Education Curriculum Studies 3

Pre-requisites	MDB010 or MDB013 or MDB019 or MDB025 or MDB028
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

MDB120 Mathematics Curriculum and Pedagogies

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

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

MDB349 Excursions in Mathematical Reasoning

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (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.

MDB388 Numeracy in Games of Skill and Chance

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

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

MDB391 Earth And Space

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

MDB440 Computers And Education

Credit Points	12
Campus	Internet
Teaching Periods	2013 SEM-1 (EXT)

This unit provides an overview of microcomputer hardware and software with an emphasis on the usefulness of various components in schools. It considers the use of educationally valuable application software and critically examines a variety of uses of computers in education including the impact of computers on society and education in particular.

MDB453 Mathematics Curriculum 2: Middle Years and Vocational

Pre-requisites	MDB021 or MDB002 or EAB027
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 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.

MDB454 Science, Technology and Society

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

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.

MDB455 Mathematics in Life and Work

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

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.

MDN642 Digital Pedagogies

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 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.

MDN643 Digital Perspectives

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 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.

MDN644 Digital Expectancies: Innovative Practices With Emerging Technologies

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 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.

MDN645 Digital Leadership

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 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.

MDP452 Middle Years: Mathematical Understandings

Credit Points	12
Campus	Internet
Teaching Periods	2013 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.

MDP453 Middle Years: Transdisciplinary Science and Technology

Credit Points	12
Campus	Internet
Teaching Periods	2013 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.

MDP456 Mathematics Education Curriculum Studies 1

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (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.

MDP457 Mathematics Education Curriculum Studies 2

Pre-requisites	MDP456 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 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.

MDP458 Mathematics Education Curriculum Studies 3

Pre-requisites	MDP457 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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.

MDP459 Science Education Curriculum Studies 1

Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (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.

MDP460 Science Education Curriculum Studies 2

Pre-requisites	MDP459 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Internet and Kelvin Grove

Teaching Periods	2013 SEM-2 (INT, EXT)

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.

MDP461 Science Education Curriculum Studies 3

Pre-requisites	MDP460, MDP462, MDP463, MDP464 or MDP465 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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.

MDP462 Biology Curriculum Studies 2

Pre-requisites	MDP459 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-2 (INT, EXT)

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.

MDP463 Chemistry Curriculum Studies 2

Pre-requisites	MDP459 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT); 2013 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.

MDP464 Earth Science Curriculum Studies 2

Pre-requisites	MDP459 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 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.

MDP465 Physics Curriculum Studies 2

Pre-requisites	MDP459 (can be enrolled in the same teaching period)
Credit Points	12
Campus	Internet and Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT); 2013 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.

MDP470 Primary Maths: P-7

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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).

MDP471 Primary Science: P-7

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

MGB200 Leading Organisations

Pre-requisites	BSB115 or CTB115
Anti-requisites	MGB211, CTB211, MGB222, CTB232
Equivalents	MGX200
Credit Points	12
Campus	Gardens Point and Caboolture
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	Gardens Point and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 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	Gardens Point and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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 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	Gardens Point and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	Gardens Point and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	Gardens Point and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 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	2013 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	Gardens Point and Caboolture
Teaching Periods	2013 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	2013 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	Gardens Point and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 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	2013 SEM-1 (INT); 2013 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	MGB309
Anti-requisites	IBB306
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

MGB370 Personal and Professional Development

Pre-requisites	MGB331 and BSB124
Equivalents	MGB315, MGX370
Credit Points	12
Campus	
Teaching Periods	2013 SEM-1 (INT); 2013 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
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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	2013 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
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (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	2013 SEM-1 (INT); 2013 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	2013 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	2013 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.

MGN433 Managing High-Performance Organisations

Pre-requisites	MGN409
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (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	2013 SEM-1 (INT); 2013 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	2013 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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 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 forecasting and 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	2013 SEM-1 (INT); 2013 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	2013 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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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. Learning activities include factory visits and industry analysis.

MGN447 Managing in a Globalised Economy

Anti-requisites	BSN408
Equivalents	IBN408, MGX447
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (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. An international business simulation game is used to facilitate the understanding of business as a system of integrated operations and environments.

MGN448 Negotiating Across Borders

Anti-requisites	GSN462
Equivalents	IBN409, MGX448
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 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.

MGN506 Contemporary Issues in Human Resource Management

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 SEM-2 (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	2013 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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	2013 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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

MGX370 Personal and Professional Development (Outbound Exchange)

Equivalents	MGB370
Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

MGX445 Business in Europe (Outbound Exchange)

Equivalents	MGN445
Credit Points	12
Campus	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (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	
Teaching Periods	2013 XCH-1 (EXT); 2013 XCH-2 (EXT)

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

MZB190 Mathematics for Exercise Science

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

NQB302 Earth Surface Systems

Equivalents	NRB301
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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	Gardens Point
Teaching Periods	2013 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, and is thus essential for Geoscience. The unit may also be of interest to chemists.

NQB314 Sedimentary Geology

Equivalents	NRB331
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point

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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	(NQB321 or NQB411) and (NQB302 or NQB412)
Equivalents	NRB601
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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	2013 SEM-1 (INT); 2013 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
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	Kelvin Grove and Caboolture

NSB012 Clinical Practice 2

Pre-requisites	(NSB011 or NSB225) and (NSB021 or NSB118 or PUB280). (NSB021 or NSB118 or PUB280) can be studied in the same teaching period.
Anti-requisites	NSB010
Equivalents	NSB122
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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 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.

NSB014 Clinical Practice 4

Pre-requisites	(NSB013 or NSB212) and (LSB182 or LSB111)
Equivalents	NSB222
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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. 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.

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	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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. 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.

NSB017 Diversity and Health: Cultural Safety, Indigenous Perspectives

Equivalents	NSB113
Credit Points	12
Campus	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	Kelvin Grove and Caboolture
Teaching Periods	2013 SEM-1 (INT); 2013 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	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (EXT, BLK); 2013 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	2013 SEM-1 (EXT, BLK); 2013 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	2013 SEM-1 (INT); 2013 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
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	
Teaching Periods	2013 SEM-1 (INT); 2013 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.

NSB720 Challenges in Midwifery Practice

Pre-requisites	NSB700, NSB705
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

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	
Teaching Periods	2013 SEM-2 (INT)

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	2013 SEM-1 (INT)

This unit provides you with a sound basis for midwifery practice in the area of neonatal care, through an understanding of 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	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	2013 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. [Designated unit]

NSB825 Integrated Practicum B

Pre-requisites	NSB820
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2013 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**.

NSN002 Key Issues in Paediatrics and Child Health

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (INT, EXT)

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	2013 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	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (INT, 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	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (INT, EXT)

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.

NSN006 Specialisation in Paediatric, Child and Youth Health Nursing

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (INT, EXT)

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	
Teaching Periods	2013 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
Teaching Periods	2013 SEM-2 (INT, EXT)

This unit further develops registered nurses' capability to provide contemporary nursing interventions for people with chronic health conditions.

NSN421 Assessment and Diagnosis in Extended Practice

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 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

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 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	2013 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	Kelvin Grove and External

On successful completion of this unit students 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; formulating strategies for promoting the uptake of evidence-based practice.

NSN425 Nurse Practitioner Internship Part 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (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 Part 2

Pre-requisites	NSN425-1
Co-requisites	NSN428
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT, INT)

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	2013 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	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (INT, EXT)

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	
Teaching Periods	2013 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	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT, INT)

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 Clinical Project

Pre-requisites	Completion of 96cp in NSN% units
Credit Points	24
Campus	Kelvin Grove and External

This unit offers students the opportunity to implement a project of clinical relevance and value to lead to the resolution of practical issues facing nursing. It advances and extends the student's learning from their clinical speciality and the supporting units.

NSN507 Contemporary Practice Issues

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 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 Advanced Readings in Nursing

Pre-requisites	Completion of 48cp in NSN% units
Credit Points	12
Campus	Kelvin Grove and External

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 Clinical Leadership and Management

Credit Points	12
Campus	Kelvin Grove and External

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	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (INT, EXT)

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	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (INT, EXT)

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 Clinical Studies

Other requisites	Students must be working as a registered nurse in a clinical setting in Australia
Credit Points	12
Campus	Kelvin Grove and External

This unit aims to further develop and consolidate knowledge and skills in a selected clinical specialty. This unit will enable students to develop their skills in clinical judgement, and decision making in a specialty area of practice, as well as expanding their skills in establishing and maintaining effective relationships with clients and other health professionals. Students will be encouraged to demonstrate a reflective, self-evaluative approach to practice, and develop strategies that would enable the practitioner to facilitate change with respect to their specialty area of practice.

NSN626 Contemporary Issues in Dementia

Credit Points	12

Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (INT, EXT)

Dementia is characterised by progressive impairment of brain functions involving memory, perception, language, personality and cognition. Estimates of the prevalence of dementia have been reported as doubling every five years of age after the age of 65 and as affecting nearly one in four of those aged 85 and over (AIH&W, 2004). Providing services for people with dementia and support to their carers presents a significant challenge to health service providers both now and into the future. The aim of this unit is to allow you to explore a range of health service delivery and community care issues associated with dementia, particularly Alzheimer¿s disease.

NSN701 Advanced Health Assessment

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 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	2013 SEM-1 (INT, EXT)

Health service delivery is undergoing rapid change, and the nature and scope of nursing practice reflects this. Registered nurses working in Intensive Care and Emergency settings require the ability to care for patients that are increasingly critically ill in an environment that evidences increasingly complex technology. As such, registered nurses require knowledge and skills that enable them to understand a client¿s health needs, determine appropriate interventions, predict and manage complications, and develop specific plans of care for critically ill individuals and their families that are appropriate to their unique needs and personal context.

NSN722 Principles of Intensive Care Nursing

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (INT, EXT)

Registered nurses working in Intensive Care require the ability to care for patients who are increasingly critically ill in an environment that evidences increasingly complex technology. Nurses working in this field require an advanced level of knowledge of evidence based principles and practices appropriate to prevent and manage these health problems, as well as skills in the implementation and evaluation of intervention strategies, in the context of a multidisciplinary team.

NSN723 Specialisation in Critical Care Nursing

Credit Points	12
Campus	Kelvin Grove and External

Critical care environments provide care for individuals with a diverse range of health problems. This unit will provide the opportunity for students to further develop and consolidate prior learning in a critical care clinical setting of their choice. In this unit students will expand on their theoretical, professional & practical knowledge to assess patients, plan and implement nursing care in a particular critical care environment.

NSN724 Advanced Nursing Practice

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 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	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (INT, EXT)

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 Advanced Clinical Practice

Credit Points	12
Campus	Kelvin Grove and External

This unit aims to develop students' understanding of the theory, process and practice of advanced nursing in a designated practice context, to enable them to effectively prevent and manage common health problems experienced by individuals and families in a range of locations within their field. Content which relates to a broad range of clinical nursing practice will be addressed. This will include: physiological, pathophysiological and psychosocial underpinnings of advanced nursing practice across a broad range of body systems and health problems; planning of appropriate strategies/interventions for client care; and development of related technical skills.

NSN727 Emergency Nursing Practice in Unique Client Population

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (INT, EXT)

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.

NSN821 Promoting Healthy Ageing

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (INT, EXT)

Individuals' reactions to growing older are embedded in their cultural traditions and social experiences rather than determined through years of age. Responses to ageing are shaped to some extent by expectations about being old. Too frequently, older people are confronted with negative stereotypes, prejudice and discrimination - all forms of ageism. Now, more than ever, health professionals need to be conversant with the impact of an ageing population on services generally, and what government and community initiatives are in place for positive and healthy ageing.

NSN822 Palliation in Dementia

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (INT, EXT)

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	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT, INT)

The thesis provides students with an opportunity to formally extend and synthesis knowledge gained in earlier semesters of the course. The study represents an independent piece of research completed under the guidance of a supervisor. The thesis may be a study on research which makes a contribution to the body of knowledge in the student's discipline area or professional area, or a study in which the student critically analyses and evaluates existing knowledge and produces observations and conclusions of relevance to the field concerned. Part-time students will complete NSN825-1 and NSN825-2, and full-time students will complete NSN850. The final thesis is approximately 15,000 to 20,000 words.

NSN825 Thesis (Part 2)

Pre-requisites	NSN825-1
Credit Points	24
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT, INT)

The thesis provides students with an opportunity to formally extend and synthesis knowledge gained in earlier semesters of the course. The study represents an independent piece of research completed under the guidance of a supervisor. The thesis may be a study on research which makes a contribution to the body of knowledge in the student's discipline area or professional area, or a study in which the student critically analyses and evaluates existing knowledge and produces observations and conclusions of relevance to the field concerned. Part-time students will complete NSN825-1 and NSN825-2, and full-time students will complete NSN850. The final thesis is approximately 15,000 to 20,000 words.

NSN850 Thesis

Pre-requisites	NSN508
Credit Points	48
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT, INT)

The thesis provides students with an opportunity to formally extend and synthesis knowledge gained in earlier semesters of the course. The study represents an independent piece of research completed under the guidance of a supervisor. The thesis may be a study on research which makes a contribution to the body of knowledge in the student's discipline area or professional area, or a study in which the student critically analyses and evaluates existing knowledge and produces observations and conclusions of relevance to the field concerned. Part-time students will complete NSN825-1 and NSN825-2, full-time students will complete NSN850. The final thesis is approximately 15,000 to 20,000 words.

OPB351 Visual Science 3

Pre-requisites	OPB352 and OPB353
Co-requisites	OPB452 and OPB453
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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 and PCB150
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

OPB451 Visual Science 4

Pre-requisites	OPB351and OPB452
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 SEM-2 (INT)

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OPB550 Diseases of the Eye 5

Pre-requisites	(CSB520 or LSB475) and OPB452
Co-requisites	OPB654
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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. [Designated unit]

OPB557 Binocular Vision

Pre-requisites	OPB451 and OPB556
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (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	2013 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. [Designated unit]

OPB654 Ocular Pharmacology

Pre-requisites	OPB452 and LSB384
Co-requisites	OPB550
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

This unit provides students with the appropriate knowledge of pharmaceutical agents used to examine the eye and to treat eye diseases. [Designated unit]

OPB656 Assessment of Vision 6

Pre-requisites	OPB556
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

This unit introduces the student to the theory and practice of 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. [Designated unit]

OPB752 Clinical Practice 7

Pre-requisites	OPB650, OPB651, and OPB653
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

This unit enables students to apply knowledge and skills gained in third year to patients presenting for eye examinations, and to make decisions in effective patient management. [Designated unit]

OPB753 Specialist Clinical Practice 7

Pre-requisites	OPB650, OPB651, and OPB653
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

This unit enables students to apply specialist clinical knowledge in the management of patients requiring contact lenses, vision training and low vision care. [Designated unit]

OPB852 Clinical Practice 8

Pre-requisites	OPB751, OPB752, and OPB753
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SUM-2 (INT)

This unit enables students to consolidate skills developed in OPB752, to increase their knowledge base and achieve surety with decision making involving the management of patients' eye and vision problems. [Designated unit]

OPB853 Specialist Clinical Practice 8

Pre-requisites	OPB751, OPB752, and OPB753
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SUM-2 (INT)

This unit continues to consolidate skills developed in OPB753 in the specialised clinical areas of contact lenses, low vision management and paediatric optometry. [Designated unit]

OPN161 Optometry in Special Needs Groups

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

OPN162 Contact Lens Practice

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

OPN163 Primary Care Clinic 7

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

OPN164 Research Methods in Optometry and Vision Science

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

OPN261 Therapeutic Management of Eye Disease

Pre-requisites	OPN163
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

OPN262 Specialist Clinic 8

Pre-requisites	OPN161, OPN162, and OPN163
Co-requisites	OPN263
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 SEM-2 (INT)

OPN264 Research Project

Pre-requisites	OPN164
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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	
Teaching Periods	2013 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	
Teaching Periods	2013 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	2013 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	
Teaching Periods	2013 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	2013 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	2013 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	2013 SEM-2 (INT)

The aim of this unit is to provide optometrists with a sound knowledge of bio-medical sciences as they relate to ocular disorders and to enable them to therapeutically manage certain eye diseases. This unit covers: general pathology and immunology with reference to ocular tissues, microbiology with reference to organisms involved in ophthalmic diseases, pharmacology and pharmacodyamics including interaction of drugs with the body, disorders of the anterior eye, glaucoma, iritis and uveitis, management of cataract, post-surgical management, legal requirements for therapeutic drug use, workshops on skills related to the management of disease.

OPP002 Ocular Therapeutics 2

Pre-requisites	OPP001
Credit Points	24
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This unit enables optometrists to develop an understanding of the properties of ocular therapeutic drugs and their applications in clinical practice, and to develop experience with the clinical management of certain eye diseases. The following topics are covered: Examination and diagnosis of anterior eye conditions (including acute red eye), glaucoma, iritis and uveitis, and cataract; development of management strategies including establishing appropriate treatment plans and evaluating the need for referral for specialist treatment; management of post-surgical conditions.

PCB121 Vision, Colour and Photometry

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 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

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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	2013 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	2013 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.

PCB379 Clinical Radiography 1

Pre-requisites	LSB245 and PCB277 and PCB276
Co-requisites	PCB377
Credit Points	6
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

This period of clinical experience will enable you to gain experience in general routine radiographic examinations and bedside radiography as well as an introduction to minor procedures. The unit will also provide an opportunity for you to become familiar with the patient cares activities undertaken by radiographers.

PCB479 Clinical Radiography 2

Pre-requisites	PCB379 and PCB476 (PCB476 can be enrolled in the same teaching period)
Credit Points	6
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

In the continued development of positioning skills, it is essential that students have the opportunity to assist and perform radiographic examinations in the clinical situation. This period of clinical experience will enable you to gain further experience in general routine radiographic examinations and bedside radiography as well as an introduction to operating theatre and accident and emergency procedures. The unit will also provide an opportunity for you to become familiar with the patient care activities undertaken by radiographers.

PCB496 Radiotherapy Equipment

Pre-requisites	PCB178
Credit Points	12
Campus	Gardens Point

It is important for you as a future radiation therapist to understand the principles of operation of radiotherapy equipment and the basic physics of the interaction of radiation with tissue. The aim of this unit is to teach you about the physics underlying the operation of linear accelerators and associated topics such as the interaction of radiation with tissue and the measurement of radiation dose.

PCB593 Digital Image Processing

Pre-requisites	PCB375-2 or PCB496 or PQB250
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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	2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 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	2013 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	2013 SEM-1 (INT); 2013 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	2013 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	2013 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	2013 SEM-2 (INT)

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PCN113 Radiation Physics

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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.

PCN114 Microprocessors and Instrumentation

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	Gardens Point
Teaching Periods	2013 SEM-1 (EXT, 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.

PCN122 Lighting Design

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (EXT, 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.

PCN123 Sustainability and Human Factors

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT, EXT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (EXT, 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.

PCN184 Breast Imaging

Pre-requisites	PCN187 and PCN397-1
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	2013 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	2013 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	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT, 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
Teaching Periods	2013 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
Teaching Periods	2013 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
Teaching Periods	2013 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
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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.

PCN297 Clinical Attachment 2

Pre-requisites	PCN159, PCN197-1, PCN197-2 and PCN356
Credit Points	6
Campus	Gardens Point

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
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 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.

PCN397 Clinical Attachment

Credit Points	6
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Internet and Gardens Point
Teaching Periods	2013 SEM-2 (EXT)

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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 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 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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 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	2013 SEM-1 (INT); 2013 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.)

PCN597 Clinical Attachment 5

Pre-requisites	PCN359 and PCN497-2 and PCN597-1
Co-requisites	PCN459
Credit Points	6
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (EXT)

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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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.)

PCN705 Research Methodology

Credit Points	6
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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.)

PCN710 Chemical Instrumentation

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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.

PCN715 Advanced Topics in Physics 1

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (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.

PCN716 Advanced Topics in Physics 2

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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.

PQB105 Biological Chemistry

Anti-requisites	SCB113, SCB121
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-1 (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 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	Gardens Point
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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

Pre-requisites	MAB121 and MAB122
Equivalents	PCB563
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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PQB404 Nanotechnology and Nanoscience

Pre-requisites	SCB111 and (SCB121 or SCB113)
Equivalents	PCB445
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 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	2013 SEM-1 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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	2013 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	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-1 (INT)

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	2013 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	2013 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	2013 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	2013 SEM-1 (INT); 2013 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	2013 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	2013 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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	Gardens Point
Teaching Periods	2013 SEM-2 (INT)

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	2013 SEM-1 (INT)

PUB101 Introduction to Clinical Classification

Pre-requisites	PUB100
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

PUB104 Australian Health Care Systems

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (INT, EXT)

This is an important unit for students entering or planning to enter the health industry as it is designed to give a broad overview of systems of health care in Australia and their methods of operation. This unit introduces the role of health service managers as members of the health care team, the basic principles of health service management in health care facilities and beyond, and the functions of health service managers.

PUB105 Socio-Ecological Perspectives on Family Health and Well-Being

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

PUB208 Understanding Health Information

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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.

PUB251 Contemporary Public Health

Anti-requisites	PUN106
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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 Epidemiology

Anti-requisites	HLN710
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 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	2013 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	2013 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	2013 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 Advanced Research Methods

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (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	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (EXT)

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	2013 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.

PUB490 Quality Management in Health

Pre-requisites	Completion of 96cp
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (EXT)

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	2013 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	2013 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.

PUB545 Health Policy, Planning and Advocacy

Pre-requisites	Completion of 192cp
Anti-requisites	PUB511
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 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	2013 SEM-2 (INT)

The ability to analyse and interpret quantitative data is an important skill for all graduates in public health. This unit builds upon PUB326 Epidemiology and complements analytical methods learned in PUB461 Qualitative Enquiry in Public Health. Through critical review of the literature, and worked examples from a range of topic areas, students become familiar with the process of summarising and describing data, defining and testing hypotheses, univariate methods and tests of bivariate associations, the concept of adjustment and the interpretation and presentation of analytical results.

PUB565 International Health

Pre-requisites	PUB251
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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.

PUB611 Risk Management

Credit Points	12
Campus	Kelvin Grove and External

Note: This unit is available externally only for Second Semester 2010. This unit provides students with the knowledge and skills for the assessment and quantification of risk in the workplace. It considers the various models available to investigate and analyse accidents and propose strategies to prevent similar incidents in the future. Various hazard identification techniques such as HAZOP, Fault Tree Analysis and FMEA are discussed. The unit provides students with the ability to position occupational health and safety within an organisation's strategic decision making process.

PUB739 Podiatric Medicine 5

Pre-requisites	PUB537 and PUB538 and PUB638 and PUB639
Anti-requisites	PUB740, CSB545
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

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	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

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	2013 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. [Designated unit]

PUN001 Contemporary Risk Management

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (INT, EXT)

This unit provides an introduction to the risk management process as outlined in AS/NZS 4360 risk management. The unit concentrates on the context of risk management and introduces the student to the concepts that will be explored further in other units. The structure of the organisation, its environment and the potential loss exposures are examined in some detail.

PUN015 Environmental Management and Sustainability

Pre-requisites	PUN465
Credit Points	12
Campus	Kelvin Grove

PUN016 Risk Assessment

Anti-requisites	PUN008 and PUN467
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT, INT)

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	2013 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	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (INT, EXT)

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	2013 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	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT, EXT)

This unit will provides students as future health managers with an understanding of the principles of management in health, including financial management in health; human resource management principles in health including workforce design, recruitment, conflict management, individual and team performance management, and occupational health and safety; information management as it applies to health management; and listening, interpersonal communication, advocacy, and negotiation and mediation skills.

PUN211 Health Care Finance and Economics

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 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	2013 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	2013 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	2013 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	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (INT, EXT)

PUN301 Occupational Health and Safety Law and Policy

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 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	2013 SEM-1 (INT, EXT)

The purpose of this unit is to develop students who have a detailed understanding of the legislation and legislative frameworks and principles that form the foundation for environmental health practice. In particular, this unit will detail various legislative tools for the management of public health issues in different settings. The prosecution process and gathering of evidence will be discussed along with a detailed discussion on the environmental health practitioners role under the Public Health Act 2005, Environmental Protection Act 1994 and other related legislation. Major topics covered include: an introduction to law and government, public health law, planning and environmental law, local laws, investigation processes and procedures.

PUN364 Food Safety

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT); 2013 SEM-2 (INT, EXT)

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, fo

PUN451 Introduction to Disaster Health Management

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (EXT, INT)

This unit develops your knowledge of the principles of major incident response and your ability to manage such incidents. It covers the principles of major incident and disaster management; prevention, planning and preparation to the process of risk identification and management; operational frameworks for management of major incidents and disasters; and recovery arrangements.

PUN452 Disaster Health Planning and Preparedness

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (EXT, INT)

This unit develops an understanding of the importance of health services preparation and planning and the knowledge and skills required to lead health services preparation and planning.

PUN453 Disaster Health Response and Recovery

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (EXT, INT)

This unit develops students' capability in identifying and evaluating issues that need to be addressed during response to, and recovery from, a major incident, and managing those issues.

PUN454 Leadership in Disaster Health Management

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (EXT, INT)

This unit develops students' capacity to 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

Pre-requisites	PUN620 and PUN363. PUN620 and PUN363 can be enrolled in the same teaching period as PUN465
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (INT, EXT)

This unit aims to give students a detailed understanding of the causes, controls measures and management strategies for environmental pollution and an understanding of environmental impacts on human health. A variety of topics on environmental management are covered including environmental management principles, environmental policy and legislation, integrated planning, waste management, contaminated land, air

pollution, water pollution, and noise pollution.

PUN466 Communicable diseases

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 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	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (INT, EXT); 2013 SEM-2 (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	2013 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	2013 SEM-1 (INT, EXT)

The aim of this unit is to produce students who have an in-depth understanding of the large range of contemporary environmental health hazards (including historical, current and predicted hazards) and the strategies to assess and manage these hazards in a sustainable manner. This unit consists of the following 4 modules: (1) Introduction to Environmental Health (provides an introduction to environmental health and environmental health management); (2) Ecosystems, Sustainability and Health; (3) Environmental Health Issues (eg. air pollution, water and sanitation, waste and contaminated land, communicable diseases and food safety, physical agents); and (4) Environmental Health Settings (including Indigenous environmental health, the built environment, and global and emerging environmental health issues).

PUN632 Leadership in Health Management

Anti-requisites	PUN610
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (INT, EXT)

In this unit students develop and apply a researched, conceptual framework to understand management, leadership and change issues, particularly related to health care, consolidated using researching, logical argument, analysis and writing skills. The unit draws on contemporary research and practice

PUN640 Health Care Delivery and Reform

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (INT, EXT)

This unit introduces conceptual frameworks fundamental to the orgainisation of health systems with particular emphasis on Australian and international health systems. Issues covered include the operation, funding and evaluation of health systems, health reform and the drivers for change.

PUN688 International Health Policy and Management

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (INT, EXT)

This unit provides students with an understanding of the impact of globalisation on health policy and management, including policy formation and the role of political influences. Students will have an opportunity to explore and understand specific examples of national and international policy in both developed countries and coutries in transition, particularly the in Asia-Pacific region.

PUP032 Intervention Design and Theories of Change

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 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 and PUP023
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (INT, EXT)

This advanced unit identifies the repertoire of practice skills that health promotion students need to address health problems. It integrates needs identification, systematic planning and evaluation models into practice. Internal students put this knowledge into practice through participation in a group based health promotion project. The process of developing and implementing a health promotion program develops an understanding of issues such as ethics, writing goals and objectives, resources and time management. External students conduct a needs assessment and use the data to write a health promotion program proposal.

PUP037 Health Program Evaluation

Pre-requisites	PUP032 and PUP034. PUP034 can be studied in the same semester as PUP037
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (INT, EXT)

The aim of the unit is to provide students with skills and knowledge of health program evaluation, its place in public health and health sector contexts, the influences of evidence and contexts, both organisational and political in program evaluation and the application of program evaluation techniques. This unit complements health studies and deepens students' understanding of program evaluation in practice.

PUP038 Contemporary Health Promotion

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (INT, EXT)

The unit provides students with a critical understanding of the foundations of health promotion nationally and internationally, and its influence and evidence in improving population health outcomes through new conceptual and practice perspectives. This unit complements public health and other studies and provides a foundation for health professionals of the fundamental underpinnings of the discipline nationally and internationally.

PUP116 Ergonomics

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-2 (INT, EXT)

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

Occupational and environmental monitoring is described as the recognition, evaluation and control of hazards in the workplace. Workplaces contain numerous substances that are potentially hazardous to the health of the workforce, other occupants and the public. Occupational and environmental monitoring spans a number of disciplines including toxicology, engineering and statistics. Students need to develop strong investigative and analytical abilities and professional judgment. Students also develop skills in evaluating the extent of workplace hazards. A preventative approach to dealing with occupational health problems is emphasised based on an understanding of the control hierarchy and the use of exposure standards.

PUP415 Occupational Health

Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 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

Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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.

PYB000 Psychology in Professional Contexts

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 SEM-1 (INT); 2013 SEM-2 (INT)

Psychology is generally a people-based profession with many positions involving not only understanding and testing people but communicating with them. More broadly however in most areas of modern work, and indeed within personal relationships, people need developed interpersonal skills and the ability to conceptualise interactive processes. The microskills for communication are also the foundation for helping relationships and counselling.

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	2013 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	2013 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	2013 SEM-1 (INT), 2013 SEM-2 (INT); 2013 SUM-1 (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	2013 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

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SUM-2 (INT); 2013 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. NOTE for Summer 2013 students: Teaching will not commence until January 2014.

PYB159 Alcohol and Other Drug Studies

Anti-requisites	PYB158
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 SEM-1 (INT); 2013 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	2013 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	2013 SEM-1 (INT)

This unit takes an hypothesis testing approach to data analysis. This means that statistical analysis is treated as one step in a larger process which also includes formulating theoretically sound predictions, designing a suitable experiment to test the predictions, selecting the appropriate statistics to test the predictions, calculating and interpreting the required statistics, and reporting the outcomes in the correct way. This unit provides the student with the knowledge and skills required to do these tasks with respect to two types of prediction, differences between means and relationships between sets of scores.

PYB215 Forensic Psychology and the Law

Pre-requisites	PYB012, PYB101, PYB102 or PYB100
Credit Points	12
Campus	Gardens Point
Teaching Periods	2013 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	2013 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.

PYB302 Industrial and Organisational Psychology

Pre-requisites	PYB205 or PYB202
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT)

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	2013 SEM-1 (INT)

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. The student examines a range of theoretical models which have been used to explain the behaviour of road users.

PYB374 Applying Traffic Psychology

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

This unit reviews the various strategies and programs designed to modify road user behaviour. Effective and ineffective approaches are 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 PYB372 -Understanding Road User Behaviour.

PYB400 Thesis (Part 4)

Pre-requisites	PYB401
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This unit covers four parts (each of 12 credit points) which must be completed satisfactorily, leading to the submission of a research thesis. Students select a research topic and design and conduct a related research program using appropriate quantitative/qualitative methods of analysis. This research is reported in a written thesis in APA fifth edition format. Assessment of the thesis is in accordance with University assessment procedures.

PYB400 Thesis (Part 1)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This unit covers four parts (each of 12 credit points) which must be completed satisfactorily, leading to the submission of a research thesis. Students select a research topic and design and conduct a related research program using appropriate quantitative/qualitative methods of analysis. This research is reported in a written thesis in APA fifth edition format. Assessment of the thesis is in accordance with University assessment procedures.

PYB400 Thesis (Part 2)

Pre-requisites	PYB401
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This unit covers four parts (each of 12 credit points) which must be completed satisfactorily, leading to the submission of a research thesis. Students select a research topic and design and conduct a related research program using appropriate quantitative/qualitative methods of analysis. This research is reported in a written thesis in APA fifth edition format. 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	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This unit covers four parts (each of 12 credit points) which must be completed satisfactorily, leading to the submission of a research thesis. Students select a research topic and design and conduct a related research program using appropriate quantitative/qualitative methods of analysis. This research is reported in a written thesis in APA fifth edition format. Assessment of the thesis is in accordance with University assessment procedures.

PYB401 Advanced Research Methods

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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 2)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This research project, listed as three separate 12 credit point units, is to be completed as a group empirical research project.

PYB450 Research Thesis (Part 1)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This research project, listed as three separate 12 credit point units, is to be completed as a group empirical research project.

PYB450 Research Thesis (Part 3)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

This research project, listed as three separate 12 credit point units, is to be completed as a group empirical research project.

PYN000 Counselling Studies 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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 1)

Pre-requisites	PYN014 and PYN006
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

Students undertake an individual 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. Opportunity will be provided to work in the Family Therapy and Counselling Clinic as a way of achieving project requirements.

PYN008 Project (Part 3)

Pre-requisites	PYN014 and PYN006
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

Students complete an individual 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 there may be an opportunity to share project work with other students. Outcomes of the project will be reviewed in the light of clinical work in the Family Therapy and Counselling Clinic and students will prepare a journal article suitable for publication in a nominated journal.

PYN008 Project (Part 2)

Pre-requisites	PYN014 and PYN006
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 SEM-2 (INT)

As part of an individual project of theoretical and/or practice-based research/enquiry in a selected area of counselling, students undertake a literature review. The project is supervised by a member of the teaching staff. Opportunity to work in the Family Therapy and Counselling Clinic continues as a way of achieving project requirements.

PYN013 Advanced Counselling Studies

Pre-requisites	PYN004
Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT), 2013 SUM (INT); 2013 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.

PYN025 Clinical Psychological Interventions 1

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 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 psychpharmacology. 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 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	2013 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 4)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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 8)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT), 2013 SUM (INT); 2013 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	2013 SEM-1 (INT); 2013 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 7)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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 6)

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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	Kelvin Grove
Teaching Periods	2013 SEM-2 (INT)

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 assunmptions and processes of therapist-client communication and the ways in which the reciprocal nature of communication affects the therapeutic process.

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	2013 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	2013 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	2013 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 2

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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 4

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 SEM-1 (INT); 2013 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	2013 SEM-1 (INT); 2013 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	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT, INT); 2013 SEM-2 (EXT)

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	2013 SEM-1 (EXT, INT); 2013 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	2013 SEM-1 (EXT); 2013 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.

PYP406 Road Safety Theory to Practice

Pre-requisites	PYP401
Credit Points	12
Campus	Kelvin Grove and External
Teaching Periods	2013 SEM-1 (EXT); 2013 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	2013 SEM-1 (EXT, INT); 2013 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	2013 SUM-1 (BLK, 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	2013 13TP2 (INT), 2013 13TP3 (INT), 2013 13TP1 (INT); 2013 SEM-2 (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	2013 13TP3 (INT), 2013 13TP1 (INT); 2013 SEM-2 (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	Kelvin Grove
Teaching Periods	2013 13TP2 (INT), 2013 13TP3 (INT); 2013 13TP1 (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.

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	2013 13TP2 (INT), 2013 13TP3 (INT), 2013 13TP1 (INT); 2013 SEM-2 (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	2013 13TP3 (INT), 2013 13TP1 (INT); 2013 SEM-2 (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	Kelvin Grove
Teaching Periods	2013 13TP2 (INT), 2013 13TP3 (INT); 2013 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. 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	2013 12TP3 (INT), 2013 12TP2 (INT); 2013 12TP1 (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	2013 12TP3 (INT), 2013 12TP2 (INT); 2013 12TP1 (INT)

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	2013 12TP3 (INT); 2013 12TP1 (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	2013 12TP3 (INT), 2013 12TP2 (INT); 2013 12TP1 (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	2013 13TP2 (INT), 2013 13TP3 (INT); 2013 13TP1 (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	2013 13TP2 (INT), 2013 13TP3 (INT); 2013 13TP1 (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	2013 13TP2 (INT), 2013 13TP3 (INT); 2013 13TP1 (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	Kelvin Grove
Teaching Periods	2013 13TP2 (INT), 2013 13TP3 (INT); 2013 13TP1 (INT)

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	Kelvin Grove
Teaching Periods	2013 13TP2 (INT), 2013 13TP3 (INT); 2013 13TP1 (INT)

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	2013 13TP2 (INT), 2013 13TP3 (INT); 2013 13TP1 (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.

QCF153 Physical Sciences

Credit Points	12
Campus	Kelvin Grove
Teaching Periods	2013 13TP2 (INT), 2013 13TP3 (INT); 2013 13TP1 (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: