

Unit Synopses

AMB031 Mandarin 1

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|-----------------|---|
| Anti-requisites | HHB051 and HUB453 |
| Equivalent s | AMX031, HHB031 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1 |

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

AMB032 Mandarin 2

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|-----------------|---|
| Pre-requisites | AMB031 or HHB031 or HUB453 or HHB051 |
| Anti-requisites | HHB052, HUB454 |
| Equivalent s | AMX032, HHB032 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1 |

This subject continues to help students develop the four macro-skills of listening, speaking, reading and writing through an integrated

communicative approach. While there is still further consolidation of the knowledge of the Pinyin Romanization system, greater attention is to be devoted to the speech of everyday conversations and to the the reading and writing of Chinese characters. With acquisition of the Chinese language, students will receive further exposure to aspects and characteristics of Chinese culture.

AMB033 Mandarin 3

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|----------------|--|
| Pre-requisites | AMB032 or HHB032 |
| Equivalent s | AMX033, HHB033 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This language unit is designed to meet student needs to further develop their basic knowledge and skills for understanding, speaking, reading and writing Mandarin Chinese in a wide range of everyday situations. Eligible students are those who have: successfully completed introductory Mandarin units HHB031/AMB031 and HHB032/AMB032 at QUT, and those who have successfully completed equivalent Mandarin study elsewhere. Graduates from high schools who have completed Year 12 Mandarin should also enrol in this unit. (Students who have undergone primary and secondary

education in China and Taiwan are not eligible for this unit. Students who cannot speak Mandarin Chinese but can read and write Chinese script are not eligible either. They can apply to do Mandarin speaking units cross-institutionally at UQ.)

AMB034 Mandarin 4

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|----------------|--|
| Pre-requisites | AMB033 or HHB033 |
| Equivalent s | AMX034, HHB034 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit follows on from Mandarin 3. It will continue to meet student need to expand their working knowledge of Mandarin Chinese and to further their skills of listening, speaking, reading and writing in the language. It will continue engaging students in activities to consolidate their knowledge and command of the Mandarin Pinyin/Romanization system and in activities to increase their competence in reading and writing Chinese characters as well as in speaking and understanding conversations and simple speech in everyday situations . With acquisition of the Chinese language, students will be further exposed to aspects of Chinese culture.

AMB035 Mandarin 5

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| Pre- | AMB034 or HHB034 |
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| requisites | |
| Equivalent s | AMX035 |
| Credit Points | 12 |
| Campus | EXCHANGE and External |
| Availabilities | External - XCH-1, XCH-2 |

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| Assumed Knowledge | null |
| Credit Points | 48 |
| Campus | External |
| Availabilities | External - XCH-1 |

AMB036 Mandarin 6

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|----------------|-----------------------------------|
| Pre-requisites | AMB035 |
| Equivalent s | AMX036 |
| Credit Points | 12 |
| Campus | EXCHANGE and External |
| Availabilities | External - XCH-1, XCH-2 |

AMB044 In-Country Study - B

| | |
|----------------|------------------------------|
| Pre-requisites | AMB043 |
| Equivalent s | AMX043, HHB059 |
| Credit Points | 48 |
| Campus | EXCHANGE |
| Availabilities | XCH - XCH-1, XCH-2 |

AMB037 Mandarin 7

| | |
|----------------|----------------------------|
| Pre-requisites | AMB036 |
| Equivalent s | AMX037 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - XCH-2 |

AMB045 Chinese - English Translation for Business Communication

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

AMB038 Mandarin 8

| | |
|----------------|----------------------------|
| Pre-requisites | AMB037 |
| Equivalent s | AMX038 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - XCH-2 |

AMB043 In-Country Study - A

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|------------------|--|
| Equivalent s | AMX043, 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. |

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

AMB046 Chinese - English Translation on Business Topics

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

Business communication between the English-speaking world and China has been increasing rapidly and on an extensive scale. Success of many business deals and transactions depends on truthful and effective translation of business documents between the two languages. This unit will help students expand their skills into conducting translation work in business, and in particular, in the areas of accounting, banking and international business.

AMB047 Chinese - English Liaison Interpreting

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

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

before final approval. The unit teaches basic interpreting theories and helps students develop practical skills in dialogue interpreting, sight interpreting and consecutive interpreting through a large amount of varied interpreting practice. The knowledge and skills the students acquire through learning this unit will add to their competitive edge when they apply for work in any field of their own discipline.

AMB048 Chinese - English Speech Interpreting

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

Contact and communication between the English-speaking world and China have been increasing rapidly and on an extensive scale. Successful communication between language speakers of Chinese and English depends greatly on truthful and effective interpreting of conversations and speeches from one language to the other. It is designed for students who are interested to interpret formal and ceremonial speeches in situations where they may find themselves in their future work places.

AMB049 Advanced Chinese - English Translation on Business Topics 1

| | |
|----------------|----------------------|
| Pre-requisites | AMB045 and AMB046 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point |

es - SEM-1

This language unit is for students who want to further their translation skills applicable to business situations in a Chinese-speaking or English-speaking environment. The unit will help students consolidate their knowledge of translation theories and further improve their translation skills. A wide range of authentic materials will be used in the translation practice, covering such topics as business news, taxation, equity/stock market, foreign currency exchanges, personal insurance and social securities (related mainly to Australian and Chinese contexts). Students in the unit will develop a good understanding of cross-cultural differences in the topics areas covered - essential for performing translation tasks in these areas. The translation skills and cultural knowledge developed will further students' competitiveness in getting employed by government departments and by companies which provide financial services to the general public.

AMB050 Advanced Chinese - English Translation on Business Topics 2

| | |
|----------------|---------------------------------|
| Pre-requisites | AMB045 and AMB046 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This advanced unit complements AMB049, consolidating and extending

knowledge gained in AMB045 and AMB046 to help students further develop their translation skills in business situations in both China and the English-speaking world. Students will apply learned skills to a wide range of authentic materials spanning topics such as property economics, loans and mortgages, superannuation and pensions, asset allocation, estate planning (related mainly to Australian and Chinese contexts) and idioms used in business texts. Students in the unit will develop a high level of cross-cultural awareness – essential for performing professional translation tasks in government and companies providing financial services to the general public.

AMB120 Bridging Cultures

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|-----------------|---|
| Pre-requisites | Completion of 96 credit points or more of study |
| Anti-requisites | AMB390 |
| Equivalent s | HHB001 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Success in increasingly globalised work settings requires the attitudes and skills to engage effectively with people from a range of different cultural backgrounds. This unit enhances students' awareness, understanding, sensitivity and ability to deal with cultural diversity. It takes a practical approach by providing both

theoretical frameworks for interpreting differences in cultural behaviour, together with skills and strategies which can help in responding appropriately and effectively to culturally different situations. This unit will be of particular value to students planning to undertake international exchange study. This unit is also recommended to inbound international students completing their full degree program at QUT or undertaking a shorter exchange study program. The unit is valuable for students with an interest in intercultural communication, and those who are learning or have learned a second language.

AMB200 Consumer Behaviour

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|-----------------|--|
| Pre-requisites | BSB126 or CTB126 or BSB116 or BSB117 |
| Anti-requisites | MIB204 |
| Equivalent s | AMX200, CTB200 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

A fundamental component of effective and successful marketing activity is an understanding of consumers, their needs and behaviours. Studying the behaviour of consumers in a wide range of situations and circumstances provides marketers with clear guidelines for the development of marketing strategy. This unit provides the foundation theories for the marketing

major.

AMB201 Marketing and Audience Analytics

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|-----------------|--|
| Pre-requisites | BSB126, CTB126, BSB116, or BSB117 |
| Anti-requisites | MIB305, MGB220, COB334 |
| Equivalent s | AMX201, CTB201 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

The systematic and objective identification, collection, analysis, and dissemination of information is essential for any business to make informed decisions about how to address problems and opportunities in their markets. All business leaders must understand the challenges, opportunities and limitations of the marketing research process; questions that marketing research can answer and questions it can't, and be able to draw appropriate conclusions from different types of data that may be collected during marketing research. This subject builds on basic marketing knowledge and students are involved in, and guided through, a practical, applied marketing research exercise based on a research brief chosen at the start of each semester. This provides the foundations for interpreting case studies, theories and research information presented in more advanced subjects.

AMB202 Integrated Marketing Communication

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|-----------------|---|
| Pre-requisites | BSB126 or CTB126 or BSB116 or BSB117 |
| Anti-requisites | COB207, MIB309 |
| Equivalent s | AMX202 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit gives learners an insight into an important growth area in marketing communication and a new employment field for graduates. It traces the development of IMC, while introducing the important areas of databases and branding. It provides a theoretical framework, and relates it to traditional promotional concepts and marketing strategy. It is at this point of the course as it links beginner management and communication concepts with strategy.

AMB204 Purchasing and Procurement

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|-----------------|--|
| Pre-requisites | BSB119 or CTB119 |
| Anti-requisites | IBB312 |
| Equivalent s | AMX204 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

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

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| Pre-requisites | BSB126, CTB126, PUB104, BSB116, XNB151 or BSB117 |
| Equivalent s | AMX206 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabili es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Social marketing is the application of marketing principles and concepts alongside other approaches to solve social problems. It is increasingly being adopted by governments and stakeholders around the world as they seek effective solutions relating to public health, social problems, and environmental issues. This unit introduces students to the principles, concepts, theory and application of social

marketing, explaining how strategic, critical, and systems thinking, use of theory and research insight, and use of techniques such as segmentation, designing and planning, and the social marketing intervention mix can be used to tackle health and social issues. Students will learn to analyse real world behavioural and social 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

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| Pre-requisites | BSB126 or CTB126 |
| Equivalent s | AMX207 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabili es | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

As one of the largest industries in the world, the entertainment industry offers significant opportunities along with unique challenges for the application of marketing and communication tools. The unit is designed to be part of the Tourism and Entertainment Marketing minor or to be taken as an elective by students with a particular interest in the area of entertainment marketing.

AMB209 Tourism Marketing

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| Pre-requisites | BSB126 or CTB126 |
| Equivalent | AMB351, AMX209 |

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| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabili es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

The subject commences with a review of strategic marketing concepts in tourism, and public and private sector involvement in tourism marketing activities. Students are then introduced to the body of literature on tourist behaviour and relationships between tourism demand and marketing activities of the network of industry suppliers. A study of research techniques for understanding tourists, destination and market potential and competitive activity provides a basis for formulating tourism marketing strategies. Issues involved in planning and controlling the marketing function in various tourism contexts are also explored.

AMB210 Importing and Exporting

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|----------------|---|
| Pre-requisites | BSB119 or CTB119 |
| Equivalent s | AMX210, IBB210 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabili es | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Trade in services, importing and exporting, countertrade and e-commerce has become fundamental to the survival and growth of many businesses in Australia as well as in other

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economies. International business students need a good knowledge and understanding of the many challenges entailed in international trade transactions. The management of trade strategies and practices is an applied, technical and evolving area of international business operations that reflects the dynamic nature of trans-national trade in the global economy.

AMB211 Brand Management

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|-----------------|---|
| Pre-requisites | BSB126 |
| Equivalent s | AMX211 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

The study and understanding of fundamental brand management concepts is relevant to students pursuing a variety of career outcomes (marketing, advertising, public relations, consulting, entrepreneurship, etc.) because brands are some of a firm's most valuable assets. Brands are an investment and an asset and help firms attract and, more importantly, keep customers.

AMB220 Advertising Theory and Practice

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| Pre-requisites | BSB126, CTB126, BSB116, or BSB117 |
| Anti-requisites | COB308 |
| Equivalent s | AMX220 |

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| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit serves as the introduction and prerequisite to later units in the advertising course and as a useful elective for business students taking other courses. The unit provides you with a thorough knowledge of advertising principles and a practical understanding of the techniques and practices used by today's advertising agencies and clients, including strategy development, media planning, creative development, integration of other communications and analysing an advertising campaign.

AMB240 Marketing Planning and Management

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|-----------------|---|
| Pre-requisites | BSB126 or CTB126 |
| Equivalent s | AMX240, CTB240 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

AMB240 Marketing Planning and Management follows the introductory marketing class BSB126 and provides a focus on the implementation and evaluation of the marketing plan at a small business level. Emphasis is placed on the responsibilities within a marketing team for planning, developing, organising,

implementing, controlling, and evaluating marketing activities. The unit prepares students for other marketing units including market research and strategic marketing. The learning approach is innovative and uses role-play where students take the role of a marketing team member in a simulated marketplace.

AMB251 Innovating Products and Services

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|-----------------|---------------------------------|
| Pre-requisites | BSB126 or BSB116 or CTB126 |
| Anti-requisites | MIB227 |
| Equivalent s | AMX251 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-2 |

The identification of customer needs and the creation of products and services to meet these needs are central to the growth and marketing success of every organisation. New product and service innovation is the way in which this is achieved and an understanding of how to create new products that are market-oriented is vital for students seeking a career in marketing. Consequently, this unit follows on from the foundation marketing unit and provides greater depth of study in this important marketing function.

AMB263 Introduction to Public Relations

| | |
|----------------|-----------------------------------|
| Pre-requisites | BSB126, CTB126, BSB116, or BSB117 |
| Equivalent s | AMB260, AMX263 |
| Credit | 12 |

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| Points | |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

AMB263 Introduction to Public Relations answers three important questions: what is public relations, why we do it, and how we do it? It introduces the key concepts of public relations, and lays a foundation for subsequent study in the discipline. It integrates the idea of the role and influence of public relations in managing these demands on a range of organisations. The unit also shows students the range of potential careers available in the public relations industry. If you are undertaking a public relations major, *AMB263 Introduction to Public Relations* should be the first public relations unit you study. This unit may be taken concurrently with *AMB264 Public Relations Techniques* especially by students undertaking the public relations major. It may also be taken by those students undertaking a public relations 'minor', or as a stand alone unit.

AMB264 Public Relations Techniques

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|-----------------|--------------------------------------|
| Pre-requisites | BSB126, CTB126, BSB116, or BSB117 |
| Anti-requisites | AMB261, AMB262 |
| Equivalent s | AMX264 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point |

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AMB264 Public Relations Techniques introduces students to the tools and techniques they will need to carry out the role of public relations practitioner. These tools and techniques will also provide foundational knowledge and skills for use in subsequent units in the public relations major and minor. **AMB264 Public Relations Techniques** looks at how public relations practitioners develop effective key messages, and the tactics they use to communicate on behalf of organisations. There is an emphasis on understanding what makes news, and developing the skills public relations practitioners need to work successfully with the media.

AMB300 Independent Project 1

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

Please contact the School of AMPR for more information.

AMB303 International Logistics

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|----------------|---|
| Pre-requisites | (AMB240 or CTB240) or (AMB210 or IBB210). AMB210 can be studied in the same teaching period as AMB303 |
| Equivalent s | AMX303, IBB303 |
| Credit Points | 12 |

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| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Current and future managers in businesses need to comprehend the role which logistics and supply chain management play in enhancing corporate performance.

AMB305 Analysis for Consumer Insights

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

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

AMB306 Advanced Consumer Research

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

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In our information-driven society, consumers and organisations are increasingly using research to guide their decisions. Consequently, the ability to critically evaluate research evidence and research designs are essential business skills. The unit builds on fundamental theoretical and methodological concepts from earlier marketing units (e.g., AMB200, AMB201) to teach students how to critically evaluate research and develop effective and rigorous research proposals.

AMB310 Real World Internships and Projects

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

The Real World Internships and Projects unit is a work integrated learning opportunity for students majoring in advertising, international business, marketing, or public relations. Students build on their knowledge and skills in a real world setting, develop and apply employability skills, and

adopt a reflective approach to learning as they prepare to transition to professional practice.

AMB318 Advertising Copywriting

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|----------------|---|
| Pre-requisites | AMB220 or COB308 |
| Equivalent s | AMB221, AMX318 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Advertising Copywriting is an important addition to the knowledge base of all marketing communication students. It equips you with the skills to develop creative strategy and write well-grounded and well-crafted copy. For those students not interested in pursuing a career in copywriting, this unit is also vital because it provides the benchmarks to assess creative work and lend support to great creative ideas.

AMB319 Media Planning

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|----------------|---|
| Pre-requisites | AMB220 |
| Equivalent s | AMB222, AMX319 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This Media Planning unit is a work integrated learning opportunity for students. The unit introduces you to the

strategic use of media in advertising. You will develop a working knowledge of the major principles of media planning and buying, audience measurement, media research, new media technology, segmentation and marketing strategy. All types of media will be explored and analysed including, but not limited to online, television, radio, magazine, newspaper, and outdoor. This unit will be extremely beneficial to students who would like to pursue careers in advertising, digital or media agencies or media sales or marketing positions.

AMB320 Advertising Management

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|----------------|--|
| Pre-requisites | AMB220 |
| Equivalent s | AMX320 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit takes the perspective of the Advertising Manager and addresses the use of research in developing, implementing, managing, and assessing a successful advertising campaign. In Advertising Management, learners use the case method of learning to examine the advertising process from its place in the marketing mix to the formulation of objectives, strategy and budget to the development of creative and media tactics and their ongoing

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evaluation. In addition, issues that impinge upon the advertising campaign management process such as legal and ethical issues, globalisation and the client-agency relationship are discussed.

AMB330 Digital Portfolio

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| Pre-requisites | AMB220 or AMB200 or AMB201 |
| Equivalent s | AMX330 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabili ties | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Digital has changed the nature of marketing communication as a discipline and the way we think, communicate and purchase as consumers. This unit is important as the digital environment permeates our decision making as advertising and marketing communication professionals. Hence, an understanding of the digital environment, an ability to navigate its platforms and measure its performance is a critical vocational skill. This unit provides a real work integrated learning opportunity for students.

AMB331 Direct Marketing

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|-----------------|---|
| Pre-requisites | AMB202, AMB220, AMB240, CTB240, or AMB249 |
| Anti-requisites | COB315 |
| Equivalent s | AMX331 |
| Credit Points | 12 |
| Campus | Gardens Point, |

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| | EXCHANGE and External |
| Availabili ties | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Direct Marketing is a powerful tool that should be considered as part of an organisation's marketing strategy. In just over a century, it has grown beyond its traditional mail order foundations to embrace new technologies, relationship building techniques, and performance measures. One of the foundational marketing communication disciplines, this unit is a vital addition to the fundamentals of IMC or a contemporary and dynamic elective for the advertising, marketing or PR majors.

AMB336 International Marketing

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| Pre-requisites | AMB240, CTB240, AMB210, or IBB210 |
| Equivalent s | AMX336, IBB213 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabili ties | Gardens Point - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

Globalisation has required firms to look beyond their domestic markets to remain competitive and profitable. An understanding of marketing internationally is vital in today's global marketplace where different challenges and value systems exist.

AMB339 Advertising Campaigns

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|----------------|-------------------|
| Pre-requisites | AMB320 and AMB330 |
| Equivalent | AMB321, AMX339 |

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| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabili ties | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

The nature of advertising campaigns enables you to refine and enhance your understanding of the advertising process and to demonstrate your abilities to produce a strategic and synergistic advertising campaign. This involves client contact, team work and competitive industry pitches. It creates opportunities for client and agency contracts and portfolio development. As a capstone unit, advertising campaigns brings together everything learned in the advertising major in the ultimate rehearsal for the real agency environment.

AMB340 Services Marketing

| | |
|-----------------|---|
| Pre-requisites | AMB240 or CTB240, and AMB201 or CTB201 |
| Anti-requisites | MIB311 |
| Equivalent s | AMX340, CTB340 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabili ties | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit uses the core characteristics of service experiences as the framework to guide an exploration of strategies for the marketing of services domestically and internationally. Services

marketing is an important growth area and students need to understand the unique aspects of the decision process for services and the appropriate application of services marketing principles to both the traditional elements of the marketing mix and the additional elements of the physical setting and processes of service delivery. This will be achieved by examining the application of marketing concepts, models and tools in services using case studies and practical experiences. Customer service planning and management, service quality management, and the pervading influence of relationship marketing are other critical topics which differentiate this unit within the marketing program.

AMB359 Strategic Marketing

| | |
|----------------|---|
| Pre-requisites | AMB340, and AMB335 or AMB241 or AMB330 |
| Equivalent s | AMB341, AMX359 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This advanced level marketing unit is designed to consolidate prior knowledge and skills learned in other marketing units including Consumer Behaviour, Market and Audience Research and Marketing Planning and Management. Using real world examples, this unit investigates the key challenges for managers in this ever

challenging business environment. Developing a proactive strategic marketing management approach is important to ensure learners will be agile thinkers and strategic decision-makers in a changing marketplace and can apply these skills to successfully manage complex market conditions.

AMB369 International Business Strategy

| | |
|----------------|--|
| Pre-requisites | AMB336, AMB303, IBB303, or IBB213 |
| Equivalent s | AMX369, IBB300 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Business success internationally requires the implementation of strategies and policies that are relevant to the dynamic global environment Via a student focused learning approach and via understanding of theory, in-depth case analysis, and the formulation of an international strategic plan students will be able to develop a skill set of strategic capabilities to manage in a globalised environment.

AMB372 Public Relations Planning

| | |
|----------------|---|
| Pre-requisites | ((AMB263 or AMB260) and AMB264)) or (AMB261 and AMB262) |
| Equivalent s | AMX372 |
| Credit Points | 12 |
| Campus | Gardens Point, |

| | |
|----------------|---|
| | EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

AMB372 Public Relations Planning builds on the knowledge and skills developed in previous units in the public relations major, specifically AMB263 Introduction to Public Relations and AMB264 Public Relations Techniques. This unit introduces and examines the steps in the public relations planning process, which is central to the study and practice of public relations and links to the next sequence in the public relations major.

AMB373 Issues, Stakeholders and Reputation

| | |
|----------------|--|
| Pre-requisites | (AMB263 or AMB260 and AMB264) or (AMB261 and AMB262) |
| Equivalent s | AMB360, AMX373 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

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

Units

management process and decision making to understand and respond to stakeholder opinion.

AMB374 Global Public Relations Cases

| | |
|----------------|--|
| Pre-requisites | AMB372, AMB261, or AMB262 |
| Equivalent s | AMB370, AMX374 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

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

AMB375 Internal Communication and Change

| | |
|----------------|--|
| Pre-requisites | AMB372 and AMB373 |
| Equivalent s | AMX375 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Communication is central to organisational practice. Internal Communication and

Change will provide theoretical and practical insights to equip students to identify, analyse, and respond to communication challenges in contemporary organisations.

AMB379 Public Relations Campaigns

| | |
|----------------|---------------------------------|
| Pre-requisites | AMB374 or AMB370 |
| Equivalent s | AMB361, AMX379 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

As a capstone unit, Public Relations Campaigns integrates material from across the public relations major. Public Relations Campaigns provides students with the opportunity to synthesise and apply knowledge, while developing and refining skills in professional public relations practice. Public Relations Campaigns models and prepares students for the transition to professional practice, working with a real world organisation as a client and learning in both collaborative and independent settings.

AMB390 Bridging Cultures - International

| | |
|-------------------|---|
| Anti-requisites | AMB120 |
| Other requisites | To enrol students must have completed 144cp (or equivalent to three semesters full-time study), have a course GPA of 4.5, which must include a minimum of 48cp of study in BS08 |
| Assumed Knowledge | null |

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

Success in increasingly globalised work settings requires the attitudes and skills to engage effectively with people from a range of different cultural backgrounds. This unit takes a practical approach by providing theoretical frameworks for understanding and interpreting differences in cultural behaviour and communication, together with skills and strategies which can help in responding appropriately and effectively to culturally different and diverse situations. This unit is specifically designed for students enrolled in BS08 Bachelor of Business - International. Students will enrol in the semester prior to leaving on their international year to best prepare them to the experience and to aid in assessing their intercultural development.

AMN400 Consumer Behaviour

| | |
|-----------------|---|
| Anti-requisites | MIN419 |
| Equivalent s | AMX400 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2, XCH-1, XCH-2 |

Important note about enrolment in this unit: *This unit is delivered in both internal and external modes. The external offering of*

this unit is only available to domestic students admitted to the BS16 Master of Business, BS17 Master of Business (Advanced), BS18 Master of Business/Master of Business, BS11 Master of Business courses and the BS39 Graduate Certificate in Business. As marketers work to develop more effective strategies to attract, reach and maintain their customers, the need to understand how consumers are influenced by both internal and external factors is integral to strategy formulation. The managerial importance of consumer behaviour stems from the marketing concept, so as consumers and their needs become the focus of the business; consumer behaviour forms the cornerstone of marketing strategy.

AMN401 Integrated Marketing Communication

| | |
|-----------------|--|
| Anti-requisites | CON421 |
| Equivalent s | AMX401 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2, XCH-1 |

This unit represents a new way of thinking about IMC. Driven by the idea that everything is digital, this unit enhances traditional concepts of integration and synergy with new touchpoints of communication and new tools of measurement to deliver and optimise the ultimate customer

experience.

AMN403 Marketing and Survey Research

| | |
|-----------------|---|
| Anti-requisites | MIN413 |
| Equivalent s | AMX403 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2, XCH-1, XCH-2 |

Important note about enrolment in this unit: *This unit is delivered in both internal and external modes. The external offering of this unit is only available to domestic students admitted to the BS16 Master of Business, BS17 Master of Business (Advanced), BS18 Master of Business/Master of Business, BS11 Master of Business courses and the BS39 Graduate Certificate in Business.* Management practices in advertising, marketing, and public relations require an understanding of how marketing research can inform decision making about products, programs and campaigns. Professionals must have sufficient knowledge of the research process and skills in research methods to effectively function in their positions. This unit equips students with the knowledge and skills to identify research needs and develop, design and evaluate research, particularly survey research, projects.

AMN404 Readings in Integrated Marketing Communication

| | |
|-----------------|---|
| Pre-requisites | AMN401 |
| Anti-requisites | CON416 |
| Equivalent s | AMX404 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1, SUM External - SEM-1, SUM, XCH-1, XCH-2 |

This unit is delivered in both internal and external modes. The external offering of this unit is only available to domestic students admitted to the BS16 Master of Business, BS17 Master of Business Advanced, BS11 Master of Business, BS18 Master of Business/Master of Business courses and BS39 Graduate Certificate in Business). In order to build understanding of theory and research in the disciplines of Integrated Marketing Communication, Advertising, Marketing, Public Relations and International Business learners require a unit that provides for extended and systematic reading in academic and professional journals. For Honours and Postgraduate research students, this unit facilitates learning the process of critically reviewing relevant literature for their proposed research topic.

AMN405 Decisions and Issues in Integrated Marketing Communication

| | |
|----------------|------------------|
| Pre-requisites | AMN401 or AMN420 |
| Equivalent | AMX405 |

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

This unit is delivered in both internal and external modes. The external offering of this unit is only available to domestic students admitted to the BS11 Master of Business, BS16 Master of Business, BS17 Master of Business (Advanced), BS18 Master of Business/Master of Business courses, the BS39 Graduate Certificate in Business, the IF94 Graduate Certificate in Advertising and IX96 Master of Advertising (Creative Advertising). The purpose of this unit is to develop a framework to understand and evaluate advertising and IMC theory, as it guides business decisions and impacts upon key issues in society. In doing so, this unit makes an important contribution to postgraduate studies by evaluating advertising and IMC in action, and exploring the ethical and legal considerations of message and media from a personal, corporate and professional perspective.

AMN406 Project

| | |
|-----------------|---|
| Pre-requisites | Completion of 96cp of previous study of Business postgraduate units |
| Anti-requisites | CON405 |
| Equivalent s | AMX406 |
| Credit Points | 24 |
| Campus | Gardens Point, |

| | |
|----------------|---|
| | EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM, XCH-1, XCH-2 |

This is a Work Integrated Learning unit with students focusing on the research and analysis of real world problems and issues and the development of business solutions in collaboration with selected industry partners. Working independently and in teams students will critically examine contemporary issues relevant to their discipline specialisation and will use and extend their discipline knowledge and skills through exposure to industry partners, practices and pressures. In addition to research, project planning and problem solving skills students will develop and practice key professional skills including reflective practice, collaboration and networking with peers and industry mentors.

AMN411 Independent Study

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

Note: Students must have the prior consent of the Postgraduate Coordinator in the School of Advertising, Marketing and Public Relations before enrolling in this unit

AMN420 Advertising Management

| | |
|-----------------|--------|
| Anti-requisites | CON417 |
|-----------------|--------|

| | |
|----------------|---|
| Equivalent s | AMX420 |
| Credit Points | 12 |
| Campus | EXCHANGE, Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2, XCH-1, XCH-2 |

This unit is an important introduction to the management of successful advertising campaigns. Unless the advertising is based on research, well planned and has a strong strategic focus, the campaign will not be successful - regardless of how good the creative is or how effective the media is planned. Therefore, advertising management is the keystone of successful advertising. This makes this unit of vital importance to all who study advertising or marketing communication.

AMN423 Strategies for Creative Advertising

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

This unit explores theory and practice of advertising message planning and creation for print, broadcast and digital media. Insight and strategy underpin creative and provides direction for ideation and the benchmark for evaluation. Therefore, an examination of

Units

insight, strategy, ideation and execution is essential to effective advertising.

AMN425 Digital Strategy and Analytics

| | |
|----------------|---|
| Equivalent s | AMX425 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2, XCH-1, XCH-2 |

This course spans all the marketing communication disciplines and the practice of advertising, public relations and marketing to deliver a holistic approach to digital strategy. It introduces students to new digital skills that reflect the cutting edge of industry practice and introduce important analytic understanding for decision-making. This unit satisfies the growing demand from industry for strategic thinking and planning, and the expectation of strong digital skills and a desire for innovation.

AMN426 Content Creation and Management

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

Everyone is a content creator. Yet very little content is read or remembered. This unit empowers students to create content that is on brand, on strategy, on platform and in

real time. Further, it shows students how the management of content, from brands and consumers, can help to ensure that a brand's message is understood and amplified.

AMN430 International Logistics Management

| | |
|----------------|--|
| Equivalent s | AMX430, IBN410 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit provides an introduction to the logistics functions that allow the planning, procurement, production, movement, distribution and positioning of goods and services for international business. The focus on supply chain management emphasises the requirement of integration of international business activities, and the necessary collaboration between firms to manage not simply the movement and positioning of inventory, but also the management of information, finance, data and knowledge across borders.

AMN431 Marketing Internationally

| | |
|-----------------|--|
| Anti-requisites | MIN421 |
| Equivalent s | AMX431, IBN421 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

External
- SEM-1, SEM-2, XCH-1, XCH-2

International markets are becoming increasingly competitive as globalisation, technology changes and distribution changes influence the flows of goods and services. Recognising this criticality, this advanced unit builds on strategic knowledge and skills developed in earlier units, extending students' ability to apply theories and business and marketing principles and frameworks to key issues in the contemporary international landscape. This unit gives students essential knowledge and skills to understand and strategically respond to the challenges and opportunities of international marketing. Students will evaluate and formulate international marketing strategies, develop and practice their critical thinking, data analysis, and decision making skills, and craft and defend their judgements to make effective contributions to marketing strategy informed by cultural and ethical understanding.

AMN442 Marketing Management

| | |
|-----------------|---|
| Anti-requisites | MIN422 |
| Equivalent s | AMX442 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM, XCH-1, XCH-2 |

Units

This unit provides a foundation of study of marketing and marketing management at post-graduate level. Strategic and tactical perspectives of marketing management are explored, within the context of contemporary marketing planning.

AMN443 Product and Service Innovation

| | |
|-----------------|---|
| Anti-requisites | MIN423 |
| Equivalent s | AMX443 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1, XCH-1, XCH-2 |

Innovation is at the heart of success for developing products and services that offer customer value. This unit adopts a service design approach to understanding the creative development process and the commercialisation strategies of developing innovative products and services within the marketing mix. This unit provides students with the knowledge and practice of ideating new service and products, designing and evaluating prototypes, developing branding and packaging and finally developing a business case for commercialisation.

AMN444 Services Marketing

| | |
|-----------------|--------|
| Pre-requisites | AMN442 |
| Anti-requisites | MIN424 |
| Equivalent | AMX444 |

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

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 |
| Equivalent s | AMX445 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2, XCH-1, XCH-2 |

This unit provides an advanced study of strategic marketing at postgraduate level. Both strategic and tactical perspectives of strategic marketing management are explored, within the context of contemporary strategic marketing planning.

AMN446 Brand Analytics

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

Brands are critical in allowing managers to distinguish their goods and services from those of the competition. Qualitative and quantitative consumer data and analytics are key to this. Yet, brand managers commonly struggle to effectively understand how brands influence consumer experiences and behaviours. This elective unit draws on concepts from brand management, integrated marketing communications, and market research analytics to provide future marketers with the knowledge and analysis skills to engage in data-driven brand management.

AMN447 Contemporary Issues in Marketing

| | |
|-----------------|---|
| Anti-requisites | MIN407 |
| Equivalent s | AMX447 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2, XCH-1, XCH-2 |

This unit forms a bridge between the unit topics of the current study program and the broader range of emerging issues impacting the future of marketing and its role in business strategy.

AMN460 Corporate and Investor Relations

| | |
|-----------------|---|
| Anti-requisites | CON409 |
| Equivalent s | AMX460 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

Corporate and Investor Relations builds on relevant theories and practices by focusing on public relations in corporate settings, particularly for listed companies. The unit equips students with knowledge and skills in corporate communication and investor relations as a specialist area of practice for public relations professionals.

AMN461 Corporate Media Strategy and Tactics

| | |
|-----------------|---|
| Anti-requisites | CON424 |
| Equivalent s | AMX461 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2, XCH-1, XCH-2 |

This unit will build expert knowledge and skills in media relations in the context of public relations practice. Students will learn how traditional, digital and social media play an important role in responding to and influencing public opinion surrounding organisations, their issues and

reputations. Students will analyse and develop a media strategy rationale and digital media portfolio to respond to the needs of a real world organisation. There is a strong focus on media writing

AMN462 Community Consultation and Engagement

| | |
|----------------|---|
| Equivalent s | AMX462 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1 |

This unit introduces students to the key public relations engagement strategies of information, consultation, and participation, and develops their understanding of the theoretical foundations of these strategies. It provides students with the skills and knowledge to identify the expectations stakeholders have of organisational engagement; and to develop appropriate public relations communication programs based on strategies of information, consultation and/or participation in response. Ethical practice is a key organising framework for this unit.

AMN465 Public Relations Management

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

- SEM-1, SEM-2

AMN465 Public Relations Management introduces students to public relations as a management function in contemporary organisations. Public relations is based on the management of relationships between organisations and the groups or individuals on whom their success or failure depends. This unit lays the foundation for students to begin to explore the nature of such relationships, and the tools, theories and strategies which may be deployed to successfully manage relationships between organisations and their publics.

AMN467 Public Relations Campaigns

| | |
|----------------|---|
| Equivalent s | AMX467 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

Public Relations Campaigns builds on introductory units in postgraduate public relations study. In the unit, students explore both strategic and tactical aspects of public relations campaigns, including the relevant theories driving campaign development, delivery, and evaluation.

AMN468 Issues and Crisis Management

| | |
|-----------------|--------|
| Anti-requisites | CON408 |
| Equivalent s | AMX468 |
| Credit | 12 |

Units

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|----------------|---|
| Points | |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1 |

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

AMX033 Mandarin 3 (Outbound Exchange)

| | |
|---------------|--------|
| Equivalent s | AMB033 |
| Credit Points | 12 |
| Campus | null |

AYB114 Forensic Digital Analysis

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

The rise of the Internet and the rapid development of technological applications is significantly changing the way in which business is being conducted, how fraud is

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

AYB115 Governance, Fraud and Investigation

| | |
|----------------|---------------------------------|
| Equivalent s | BSB213 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

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

AYB200 Financial Accounting

| | |
|----------------|--|
| Pre-requisites | BSB110 or CTB110 |
| Equivalent s | AYB121, AYW200 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

External financial reports are a legal requirement for companies under the Australian Corporations Act and provide decision-useful information for interested users. Therefore, it is a requirement for accountants

Units

working in industry to know and understand: accounting concepts and procedures; specific technical accounting and legal requirements; and, general professional and ethical concepts. These are required in order to be able to prepare, present and explain external financial reports for users. Similarly, this knowledge and skill is a requirement for auditors who perform audits and reviews of external financial reports.

AYB205 Law of Business Entities

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

Under Australian law, both individuals and businesses may organise their affairs through various types of business structures. Each structure has characteristics that differ and each structure affects the nature of their responsibilities, obligations, internal and external relationships. Accountants are often called upon to audit, advise and assist clients with their business endeavours and are required to understand the attributes of such business structures and the laws and regulations that affect them.

AYB219 Taxation Law

| | |
|------|--------|
| Pre- | BSB111 |
|------|--------|

| | |
|-----------------|---|
| requisites | |
| Anti-requisites | LWB364 |
| Equivalent s | AYX219 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

As many business decisions involve a consideration of the taxation implications, Accountancy graduates should possess a basic knowledge of the Australian taxation system so that they can develop skills required for professional practice. The purpose of this unit is to enable students to develop an understanding of the basic fundamentals of taxation. AYB219 Taxation Law is a prerequisite for AYB320 Advanced Taxation Law.

AYB221 Accounting Systems and Analytics

| | |
|-----------------|---|
| Pre-requisites | BSB110 or CTB110 |
| Anti-requisites | AYN443 |
| Equivalent s | AYX221 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Accounting information systems are an essential element of any business. An appreciation of accounting in a modern electronic environment, how accounting systems are designed and how analytics can be applied in

accounting, are therefore crucial to the study of real world accounting systems. This unit builds on the knowledge attained in the prerequisite subjects and applies it to accounting information systems environment.

AYB225 Management Accounting

| | |
|----------------|---|
| Pre-requisites | BSB110 or CTB110 |
| Equivalent s | AYX225 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

All firms, regardless of industry type, make use of a range of existing management accounting techniques to accumulate and track costs of their products or services. This data is used to develop both long-term and short-term plans and strategies which help firms achieve and maintain their competitive advantage. Accordingly, Accountants need to know about the costing techniques used by firms, understand cost terminology and cost allocation methods, and be able to identify and provide management with relevant information to inform their decision making.

AYB227 International Accounting

| | |
|----------------|--|
| Pre-requisites | BSB110 or CTB110, and BSB119 or CTB119 |
| Equivalent s | AYX227 |
| Credit | 12 |

Units

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| Points | |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

As business and financial markets have become increasingly globalised, the significance of the differences in international, financial, accounting policies, and disclosure and reporting practices, has become more important, especially from the perspective of management, financial analysts and other users of financial statements including trillion dollar pension/superannuation funds. For these key interest groups, it is vital not only to be aware of international differences in financial accounting policies and practices, but also to be able to assess their impact on earnings and assets and key performance indicators and ratios, for example, return on assets. Additional key issues in globalised business operations relate to an understanding and appreciation of cultural diversity issues and the global trends in global corporate sustainability, international taxation and international audit.

AYB230 Corporations Law

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

Individuals and businesses may organise their affairs through various legal structures. One of the most common ways to organise a business structure is through incorporation. Accordingly, accountants should have a detailed knowledge about this particular type of business structure.

AYB232 Financial Services Regulation and Law

| | |
|----------------|---------------------------------|
| Pre-requisites | BSB111 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This course is developed for students who will be, or intend to embark on careers as, financial advisors and planners, accountants, auditors, business analysts and stockbrokers. It is designed to aid the students' understanding of the regulatory fundamentals and the key provisions of the law and regulations relating to corporate securities and financial services.

AYB240 Superannuation and Retirement Planning

| | |
|----------------|---------------------------------|
| Pre-requisites | BSB110 and BSB111 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit introduces students to the Australian superannuation system and the regulatory framework under which it operates. The unit aims to develop students' knowledge

and understanding of the superannuation system to equip graduates seeking career opportunities in financial planning, or other areas of business dealing with superannuation-related matters affecting organisations and/or individuals.

AYB250 Personal Financial Planning

| | |
|----------------|--|
| Pre-requisites | BSB111 and BSB110 and EFB210. EFB210 can be enrolled in the same teaching period |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

With the increasing complexity of taxation laws, the ageing population and the focus on self-reliance in retirement, individuals expect their financial advisers to be professionally equipped to assist them in effective investment and risk management and also with complex retirement planning strategies. As a result, many professional accounting firms, banks and independent financial advise firms now offer financial planning services as part and parcel of the services they are offering to their individual clients. QUT graduates who have acquired skills and knowledge in this area will have a definite competitive advantage when seeking financial planning related employment.

AYB301 Audit and Assurance

| | |
|----------------|--|
| Pre-requisites | (AYB221 or INB120 or IAB305) and (AYB340 or AYB220) |
| Equivalent s | AYX301 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

Audit and Assurance is a third year unit, which is included in the degree program to enable 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 computerised information systems (CIS) 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 and ethical requirements) which leads to the auditor providing an opinion on the truth and fairness of financial reports of various types of entities.

AYB311 Financial Accounting Issues

| | |
|----------------|--|
| Pre-requisites | AYB340 or AYB220 |
| Equivalent s | AYX311 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

External
- XCH-1, XCH-2

This unit extends the knowledge acquired in earlier accounting units to examine accounting theories and reporting practices adopted in the financial statements of reporting entities and publicly listed companies 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 explores the different governance models of corporations and relates them to their financial reporting environment. This framework provides a basis for examining specific accounting issues with an emphasis on both the application of specific accounting measurement models (historic cost versus fair value) or regulatory provisions (continuous disclosure requirements). The unit concludes by analysing key issues of debate in the international arena.

AYB320 Advanced Taxation Law

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

As many business decisions involve a consideration of the taxation implications, accountancy graduates should possess knowledge of the Australian taxation system so

that they can develop skills required for professional practice. The purpose of this unit is to enhance student's understanding of taxation concepts by extending the basic fundamental principles learned in AYB219 Taxation Law and exploring advanced taxation concepts in more depth.

AYB321 Strategic Management Accounting

| | |
|----------------|---|
| Pre-requisites | AYB225 |
| Equivalent s | AYX321 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit develops a holistic view of organisations, strategy and management accounting, providing an in-depth understanding of management accounting tools and techniques designed to support strategy. It builds on the technical knowledge gained in AYB225 Management Accounting by taking a more strategic orientation to the application of these techniques to aid in managerial decision-making. The unit examines contemporary issues in management accounting and considers the skills and competences that management accountants should develop to stay competitive as value-adding members of management teams. Students will explore the dynamism of contemporary

management accounting techniques and practices, ensuring they can identify problems and apply the analytical skills needed when making decisions within firms. Students are encouraged to step outside their comfort zone and develop the reflective and higher order thinking required of strategic decision makers in an uncertain world.

AYB338 Accountancy Work Placement

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

The aim of this unit is to bring a sense of realism to accountancy concepts learned in class and to help students appreciate the importance of graduate capabilities (such as problem solving, decision making, communication, working in teams, information and technology literacy) in the accounting workplace. It provides students with a new opportunity to enhance and broaden their study of accounting by learning through experiencing the work that is performed by accountants, enabling them to more effectively learn and practise accounting discipline knowledge and graduate

capabilities. This unit forms one of the options for the Forensics and Data Analytics minor, and also for the Accountancy – Regulation and Tax Extension option set within the Accountancy major. Unpaid placements administered by the school must occur at the designated time with an independent supervisor. Placements take place in November/December and June/July.

AYB339 Accountancy Capstone

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

One of the essential elements in the real world is the ability to solve unstructured, multi-disciplined accounting problems. This unit integrates elements of the accountancy discipline using a Problem-Based Learning (PBL) approach. The unit addresses issues faced by a professional advisor/consultant by presenting students with simulated real-world problems. These problems require students to work together in teams, research issues, gather information, and form conclusions. Students should therefore be better prepared for the various situations they will face in their accounting career.

AYB340 Company Accounting

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

A large number of entities are companies rather than, for example, sole traders or partnerships. Accordingly, as an accountant, most of the work you will undertake as a practitioner will involve accounting for companies. In this context, accountants are required to interpret and apply accounting standards, and other statutory requirements governing the accounting procedures reflected in the content of a company's financial statements. Accountants are also required to integrate and apply academic accounting knowledge to solving problems that arise in practice. This unit contributes to the knowledge and skills you will need to prepare financial statements for companies. This unit builds on the prerequisite units by applying accounting principles to complex company accounting issues. It also provides a foundation for subsequent units, which develop critical analytical skills through an examination of theoretical accounting issues, accounting regulation and practice.

AYB341 Forensic and Business Analytics

| | |
|------|----------------------------|
| Pre- | 192cp of completed studies |
|------|----------------------------|

Units

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

With the digitisation of information, management have become increasingly reliant on comprehensive and timely data driven reporting as their primary mechanism for capturing and evaluating business performance and for making urgent, strategic, high-risk decisions. This unit provides students with theoretical and practical skills in forensic and business intelligence through the use of SAS and other technologies, to investigate business related data resources to identify fraud, and to support corporate performance and decision making.

AYN411 Audit and Assurance Services

| | |
|----------------|---|
| Pre-requisites | AYN416 or enrolment in BS11 Accountancy major (BS11MJR-ACCOUNT) |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2 |

This unit will enable students to develop an appreciation of the audit function and to better understand the main aspects of auditing and how it fits into the overall business environment. The unit builds on other accounting units studied as part of the overall course and applies other concepts and techniques previously learned to this specific area.

AYN414 Cost and Management Accounting

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

All firms, regardless of industry type, make use of a range of existing management accounting techniques to accumulate and track the costs of their products or services. These data are used to develop both long-term and short-term plans and strategies which help firms achieve and maintain their competitive advantage. Accordingly, accountants need to know about the costing techniques used by firms, understand cost terminology and cost allocation methods, and be able to identify and provide management with relevant information to inform their decision making.

AYN416 Financial Accounting Processes

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

All firms need to prepare financial statements at least annually. AYN416 provides a comprehensive introduction to financial accounting processes from both a practical and theoretical viewpoint. Being the first accounting unit in the

Master of Business (Professional Accounting) AYN416 also provides the foundation for studies in all the other accounting related units in the degree course particularly AYN417 Corporate Accounting and AYN418 Advanced Financial Accounting.

AYN417 Corporate Accounting

| | |
|----------------|---|
| Pre-requisites | AYN416 or enrolment in BS11 Accountancy major (BS11MJR-ACCOUNT) |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2 |

A large number of entities are companies rather than, for example, sole traders or partnerships. Accordingly, a significant amount of the work you will undertake as a practitioner will involve accounting for companies. In this context, accountants are required to interpret and apply accounting standards, and other statutory requirements governing the accounting procedures reflected in the content of a company's financial reports. Accountants are also required to integrate and apply academic accounting knowledge to solving problems that arise in practice. This unit contributes to the knowledge and skills you will need to prepare financial reports for companies. This unit builds on the prerequisite unit by applying accounting principles to complex company accounting issues. It also provides a foundation for

subsequent units, which develop critical analytical skills through an examination of theoretical accounting issues, accounting regulation and practice.

AYN418 Advanced Financial Accounting

| | |
|----------------|---|
| Pre-requisites | AYN416 or enrolment in BS11 Accountancy major (BS11MJR-ACCOUNT) |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2 |

Financial accounting is concerned with communicating information about an entity's financial position and performance to meet the decision making needs of external parties. This unit examines the accounting and reporting practices of reporting entities, particularly listed public companies. Emphasis is placed on developing an understanding of, and the ability to critically evaluate, the various regulatory requirements governing financial reporting. The unit commences with an overview of the financial reporting environment and theories that seek to explain the accounting policy choices of management. This framework provides a basis for examining specific accounting issues with particular emphasis on both the application of specific accounting techniques/rules and the conceptual/theoretical issues associated with alternative accounting methods.

AYN424 Accountability of Transnational Corporations

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

As business and financial markets have become increasingly globalised, the significance of the differences in international accounting policies and disclosure and reporting practices, has become more important, especially from the perspective of managers, financial analysts and other users of financial statements. This unit is designed to provide students with an insight into, and an appreciation of, many of the financial accounting reporting, disclosure and enforcement issues faced by global corporations in an international business environment. This unit provides you with an understanding of the unique financial accounting and reporting, taxation and corporate governance issues associated with global business operations. It will assist you to identify and understand the motivations of key national and international stakeholders and to develop the skills necessary to analyse, compare, contrast, and report on the performance levels of global corporations.

AYN433 Research Topics in Accounting

| | |
|----------------|-------------------|
| Pre-requisites | AYN417 and AYN418 |
| Credit Points | 12 |

| | |
|----------------|---------------------------------|
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

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

AYN438 Taxation Law and Practice

| | |
|----------------|---|
| Pre-requisites | AYN456 or enrolment in BS11 Accountancy major (BS11MJR-ACCOUNT) |
| Equivalent s | AYQ438 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2 |

This unit builds on students' previous knowledge of business and corporations law to introduce the statutory framework of the Australian taxation system. Elements in the determination of taxable income and the levying of

income tax are examined including general and specific categories of assessable income and allowable deductions, capital gains tax and administration aspects of the tax system. The taxation of fringe benefits is also examined. The unit also provides a brief overview of the taxation of partnerships, trusts and companies and an overview of the goods and services tax. Emphasis is placed on developing students' skills in problem solving through research and analysis of taxation issues.

AYN442 Superannuation and Wealth Management

| | |
|----------------|---|
| Pre-requisites | 48cp of completed study in EFN or AYN units |
| Equivalent s | AYQ442 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Mandatory superannuation savings combined with the expansion of superannuation fund and investment choice has also increasingly shifted investment decision-making to superannuation fund members. Superannuation has become an almost universal benefit affecting virtually every business and employee. However, the superannuation system is complex and subject to a broad range of regulation governing all facets of the operations of the superannuation industry. This unit extends students' foundational accounting and financial planning knowledge to

encompass the Australian superannuation system and the regulatory framework under which it operates. Knowledge and understanding of superannuation is important to financial planning and accounting graduates, particularly if they will be involved with the provision of superannuation advice to clients or employers, administration or auditing of superannuation funds.

AYN443 Accounting Information Systems and Analytics

| | |
|-----------------|---|
| Pre-requisites | AYN416 or enrolment in the BS39 Forensic Accounting Major (BS39MJR-FNSCACC) |
| Anti-requisites | AYB221, AYN402 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2 |

In this unit, we look at how computers and accounting information systems are used in the modern day business environment. An appreciation of accounting in a computerised environment, how accounting information systems are designed and how application software can be applied in accounting, are therefore crucial to the study of real world accounting systems. This unit builds on the knowledge attained in the prerequisite subjects and applies it to an accounting information systems environment.

AYN453 Forensic Accounting and Data Analytics

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

The unit provides students with an important skill base - both theoretical and practical - in supporting corporate decision making and fraud investigation in a business environment. Management require more than just information to assist them. This unit focuses on providing skills and knowledge in forensic and data analysis/business intelligence through the use of advanced MS Access, MS Excel and SAS Enterprise Guide to mine and analyse data sets to assist managerial decision making and aid in fraud detection. Applications for Forensic Accounting and Data Analytics are emphasised.

AYN454 Fraud and Investigation

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

There are many rules and regulations that are required to be addressed in the forensic accounting role. This unit will provide students with the knowledge and skills associated with different types of fraud, as well as regulatory aspects of forensic accounting including the correct way to collect and store evidence, interviewing suspects and witnesses, as well as expert witness obligations and court

Units

etiquette. The unit provides students with important theoretical knowledge in supporting clients in a civil and/or criminal forensic investigation.

AYN456 Business and Corporations Law

| | |
|----------------|---|
| Equivalent s | AYX456, AYQ456 |
| Credit Points | 12 |
| Campus | EXCHANGE, Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2, XCH-1, XCH-2 |

Many business decisions involve consideration of business and corporate law. Postgraduates with an accountancy degree should possess a basic understanding of the Australian legal system, as well as knowledge of business and company law as skills required to support professional practice. This unit introduces students to Australia's legal environment for purposes of developing students' knowledge of the basic principles of business law and company law. Students will be encouraged to develop research and analytical skills relevant to contemporary practice challenges that arise in this space in business dealings.

AYN457 Financial Planning Principles and Regulation

| | |
|---------------|--------|
| Equivalent s | AYQ457 |
| Credit Points | 12 |

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

This unit aims to introduce students to key financial planning processes, concepts, issues, ethics requirements, laws and regulations applicable to financial services in Australia. Introduction to financial planning areas of investments and asset allocations, taxation planning, insurance and risk management, superannuation and retirement planning and statement of advice processes are covered. Responsibilities and obligations for licencees and their representatives are also discussed. This includes requirements pertaining to disclosure obligations for financial products and services, anti-money laundering and counter-terrorism financing (AML & CTF), privacy, statement of advice, and Tax Practitioner Board (TPB) requirements. The foundation knowledge and skills learned in this unit form the basis for further postgraduate study in the financial planning discipline.

AYN458 Ethics and Professional Relationships

| | |
|----------------|--|
| Equivalent s | AYQ458 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit is designed for students intending to pursue professional careers in business, particularly accounting or financial

planning, and introduces ethical issues associated with the roles of directors, executives and professionals. With a particular focus on the ethical competencies and obligations required of those providing financial advice and accounting services, the unit also specifically addresses the development of trust within professional relationships. Practical considerations regarding how to develop effective non-verbal and verbal communication skills with clients and other stakeholders are also of continuing importance in professional contexts and developed in this unit.

AYN460 Accountancy Work Placement

| | |
|-------------------|---|
| Other requisites | An application, interview and subsequent approval by the Unit Coordinator is required to enrol in this unit. In addition to completion of the following units: AYN417 & AYN418. |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit provides students with the opportunity to enhance and broaden their study of accounting by participating in a workplace experience. Students will gain insight into the work that is performed by accountants, enabling them to consolidate and apply the accounting discipline knowledge and graduate capabilities developed in units such as AYN417 and AYN418.

The experiences gained in this unit will help students to appreciate the importance of graduate capabilities such as problem solving, decision making, communication, working in teams, and information and technological literacy in the accounting workplace.

AYN505 Financial Analysis and Business Valuation

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

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

AYN506 Accounting for Strategic Decision Making

| | |
|----------------|--|
| Pre-requisites | (AYN414 and AYN417) or enrolment in BS11 Accountancy major (BS11MJR-ACCOUNT) |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

As strategic business partners who use financial and managerial skills and accounting information for strategy implementation, planning, and control, management accountants are expected to be capable applying analytical skills to convince CEOs and CFOs of their ideas' relevance and feasibility. Using case studies, contemporary issues and documented real-life practices, this unit aims to provide students with a systematic, comprehensive framework for analysing organisational problems as well as helping students to develop a better understanding of the role of management accounting in organisational performance. It also provides deeper understanding of how management accounting systems can be designed and will enable students to design and evaluate such systems. The unit forms a core component of the Master of Business accountancy major and further familiarises students with the dynamism of contemporary accounting technologies and associated practices.

AYN520 Integrated Issues in Professional Practice

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

One of the essential elements in the real world is the ability to solve unstructured, multi-disciplined accounting problems. This unit integrates elements of the accountancy discipline using a Problem-Based Learning (PBL) approach. The unit addresses issues faced by a professional advisor/consultant by presenting students with simulated real-world problems. These problems require students to work together in teams, research issues, gather information, and form conclusions. Students should therefore be better prepared for the various situations they will face in their accounting career.

AYQ456 Business and Corporations Law

| | |
|----------------|-------------------------|
| Equivalent s | AYX456, AYN456 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES4 |

As many business decisions involve a consideration of business and corporate law, postgraduates with an accountancy degree should possess a basic understanding of the Australian legal system, as well as knowledge of business and company law as

this will equip them with skills required for professional practice. The rationale for this unit is to introduce students to the Australian legal environment and to develop students' knowledge and understanding of the basic principles of business law and company law. Students will be encouraged to develop their research and analytical skills relevant to contemporary business and corporate practice.

AYQ457 Financial Planning Principles and Regulation

| | |
|----------------|-------------------------|
| Equivalent s | AYN457 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES3 |

This unit is designed for postgraduate students who will be, or intend to embark on careers as, financial advisors and planners, accountants, auditors, business analysts and stockbrokers. It is designed to aid students' understanding of the foundational regulatory fundamentals and the key provisions of the law and regulations relating to corporate securities and financial services.

AYQ458 Ethics and Professional Relationships

| | |
|----------------|-------------------------------|
| Equivalent s | AYN458 |
| Credit Points | 12 |
| Campus | Online and QUT Online |
| Availabilities | Online - SES3, SES4 |

BEB110 Organising and Managing Project Team

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

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, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit is one of four within the BEE minor in Project Collaboration and is designed to provide you with appropriate knowledge and skills needed for your involvement in delivering projects in professional organisations in the public and private sectors, by ensuring that the achieved

project quality outcomes accord with client requirements and satisfy customer expectations.

BEB112 Principles of Project Management

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

Project Management is the overall planning, control and coordination of a project, from inception to completion, aimed at meeting a client's requirements in order to complete the project on time, within budget and to the client's quality, safety and environmental standards. This unit introduces you to project management for the built environment, engineering or infrastructure projects, which includes an overview of the framework, processes and key knowledge areas of project management. Developing a project plan to manage the project through its life-cycle, identify and engage project stakeholders, monitor project cost, mitigating project risks and opportunities are core skills that you will need to develop to be an effective project manager. Case studies will be used to embed key learnings in a real-world context. This unit is part of the 'project collaboration minor' and the knowledge and skills developed are relevant to construction management and related majors.

BEB113 Managing Project Cost

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

Introduces the basic principles, processes, relevant techniques and methods of planning, estimating, budgeting, monitoring and controlling project costs. It provides an understanding of project costs within the broader context of project management and from the project life cycle perspective. It examines the relationships between project cost and other project dimensions such as project scope, time/schedule, quality, procurement, and illustrates their trade-offs. The knowledge and skills developed in this unit are relevant to professional practices and those working on projects that require basic understanding of cost planning and management to prepare project cost estimates, budget, and conduct cost performance analysis so that project can be completed within the approved budget.

BEB114 Project Financing

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

Project is growing in complexity and size. Many projects never get off the ground due to insufficient financing. It is therefore necessary for project

managers to know the sources and cost of project funds in order to package a financially viable project for approval. This unit introduces capital budgeting, project finance, and risk analysis. It covers the capital allocation framework, project cash flows, cost of capital, financial risk analysis, and how various types of projects are financed.

BEB801 Project 1

| | |
|----------------|---|
| Equivalent s | CEB411, CEB420, CNB434, EEB781-1, EEB889-1 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Research Project 1 and 2 are the capstone research units for the Bachelor of Engineering (Honours) degree that draws together the theory and practice of your engineering studies covered in the previous six semesters of the program. You will identify an Engineering challenge and apply your knowledge to carry out a comprehensive, independent project to address the challenge using a rigorous research framework. The purpose of these units is to prepare you for your transition to the professional world or to further research studies. BEB801 as the first of the project units, introduces research methods and report writing.

BEB802 Project 2

| | |
|----------------|---|
| Equivalent s | CEB415, EEB782-2, EEB889-2 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Research Project 1 and 2 are the capstone research units for the Bachelor of Engineering (Honours) degree that draws together the theory and practice of your engineering studies covered in the previous six semesters of the program. You will identify an Engineering challenge and apply your knowledge to carry out a comprehensive, independent project to address the challenge using a rigorous research framework. The purpose of these units is to prepare you for your transition to the professional world or to further research studies. BEB802 as the second of the projects is a culmination of the student's research into a professional style report.

BEB806 Project 1

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

Research Project 1 and 2 are the capstone research units for the Bachelor of Engineering (Honours) degree that draws together the theory and practice of your engineering

studies covered in the previous six semesters of the program. You will identify an Engineering challenge and apply your knowledge to carry out a comprehensive, independent project to address the challenge using a rigorous research framework. The purpose of these units is to prepare you for your transition to the professional world or to further research studies. BEB801 as the first of the project units, introduces research methods and report writing.

BEB807 Project 2

| | |
|----------------|---------------------------------|
| Equivalent s | CEB415, EEB782-2, EEB889-2 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Research Project 1 and 2 are the capstone research units for the Bachelor of Engineering (Honours) degree that draws together the theory and practice of your engineering studies covered in the previous six semesters of the program. You will identify an Engineering challenge and apply your knowledge to carry out a comprehensive, independent project to address the challenge using a rigorous research framework. The purpose of these units is to prepare you for your transition to the professional world or to further research studies. BEB802 as the second of the projects is a culmination of the student's research into a professional style report.

BSB009 Experiential Learning: Innovation, Ideas and Enterprise Skills

| | |
|-------------------|---|
| Pre-requisites | 48cp of completed undergraduate study |
| Other requisites | Participation in approved innovation, industry engagement, entrepreneurship, or social enterprise activity of 50 hours or more. |
| Assumed Knowledge | 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 |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM |

Students have many opportunities to undertake activities such as start-up weekends, innovation sprints, social enterprises, industry or community engagement. The unit supports students in bringing more meaning to these opportunities, through connecting with their course and career ambitions.

BSB110 Accounting

| | |
|-----------------|--|
| Anti-requisites | CNB293, UDB342 |
| Equivalent s | BSD110, BSX110, CTB110 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

Accounting data is the basis for decision making in any organisation, making it important for any business professional to have a foundational level of knowledge

and understanding of modern financial and managerial accounting theory and practice. Accordingly, this unit provides students with introductory knowledge of modern financial and managerial accounting theory and practice to develop an understanding of how accounting data is used to inform decisions in organisations. The unit covers financial procedures and reporting for business entities, analysis and interpretation of financial statements, planning, control and business decision making. The knowledge and skills developed in this introductory unit are relevant to students in accounting and non-accounting majors.

BSB111 Business Law and Ethics

| | |
|-----------------|--|
| Anti-requisites | AYB120, LLB101, LLB202, LWB136, LWB145, LWS012, UDB102 |
| Equivalent s | BSX111, BSD111 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

This foundational unit is designed to prepare students to conduct business within the Australian legal environment and emphasises the need for the business leaders of tomorrow to act in accordance with society's ethical standards. It incorporates the concepts and principles of business law with the theories and applications of business ethics to provide students with an

understanding of laws and ethical standards applicable to business decisions. The unit addresses specific legal issues that relate to business, including business structures, contract law, consumer law and negligence. These issues are pertinent regardless the specific field of business being studied and inform a broad set of professional contexts.

Through extensive use of case law and ethical principles, students will develop the ability to apply the law to different scenarios, and develop moral reasoning and problem solving skills in relation to contemporary ethical issues.

BSB113 Economics

| | |
|----------------|--|
| Equivalent s | BSD113, BSX113, CTB113, UDB104 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

Economics is the study of how to best use and distribute scarce resources to meet our needs and wants by looking at how people make decisions and the interaction of individuals in markets.

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 issues explored in this unit include economic growth, inflation, unemployment and international trade. In studying

these issues economists can understand how to manage the economy for the good of its citizens. In this unit students 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.

BSB115 Management

| | |
|----------------|--|
| Equivalent s | BSD115, BSX115 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM-1 External - XCH-1, XCH-2 |

An ability to understand the basic functions of management and apply that knowledge to contemporary practice are key skills for competent business professionals and informed, effective managers. This unit provides insights into current business issues and practices using real world cases and practitioner readings. The unit introduces students to foundational theories and practices of management and organisations, with an emphasis on the conceptual and people skills that are needed in all areas of management and organisational life. The unit acknowledges that organisations exist in an increasingly competitive environment where the emphasis will be on knowledge and the ability to learn, change and innovate. Organisations are viewed from individual,

group, corporate and external environmental perspectives, and the unit provides a foundation for students studying business or wishing to understand more thoroughly the role of organisations within society.

BSB119 Global Business

| | |
|-----------------|--|
| Anti-requisites | BSB116, BSB112 |
| Equivalent s | BSD119, BSX119, CTB119 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

Globalisation is the development of interdependency among organisations and individuals in different country markets. This unit examines the drivers of globalisation and the diversity of country markets at a foundational level, introducing key knowledge and skills for operating businesses effectively in global contexts and responding to the opportunities, challenges and risks of conducting business across politically, economically and culturally diverse environments. In this unit you will develop a comprehension of the nature and role of globalisation and the drivers of international business, and knowledge of the competitive forces and challenges confronting all business as a consequence of globalisation. You will gain an awareness of the unique knowledge and skills required of management

to operate business internationally across diverse contexts, which will inform future studies in this field.

BSB123 Data Analysis

| | |
|-----------------|--|
| Anti-requisites | BSB122, CTB122, EFB101, LQB284, MAB101, MAB141, MAB233, MXB101, MXB107 |
| Equivalent s | BSX123, PYB110 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

The ability to collect, analyse, manipulate, understand and report data effectively is important 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 applying their knowledge to inform business decisions. This introductory unit is designed to ensure that students gain an appreciation of the basic tools necessary to develop and apply this skill set. It introduces the fundamental concepts and statistical methods for data analysis, and students will learn about different types and sources of data, and techniques for displaying and analysing data to make business decisions. Students will gain practical data manipulation skills using Microsoft Excel, and practise many of the quantitative techniques applicable to all disciplines, which will be used throughout their further studies.

BSB126 Marketing

| | |
|-----------------|--|
| Anti-requisites | BSB116 |
| Equivalent s | BSD126, BSX126, CTB126 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

To operate successfully and profitably in today's competitive marketplace, business operators need to apply marketing principles and concepts. Survival and growth depend very much on understanding customer needs, as well as the marketing environment in which they compete. BSB126 Marketing introduces students to key marketing strategies and tactics in order to adapt and respond to a continuously changing marketplace. The elements of the marketing mix are explored with special reference to product, price, distribution and promotion, and key issues relating to services marketing, e-marketing and strategic marketing are canvassed. The unit also introduces students to the related disciplines of advertising and public relations, and provides a broad grounding in marketing practice that is relevant for all business disciplines.

BSB304 Project

| | |
|------------------|---|
| Other requisites | Subject to Unit Coordinator approval and 96 credit points of prior studies. |
| Assumed | null |

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

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

BSB399 Real World Ready - Business Capstone

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

Everything in the professional world is centred on working with and through other people; with and through other organisations. This capstone unit enables students to develop and refine their professional skills and experience working in an interdisciplinary team. Integrating and extending professional practice knowledge and skills gained in

earlier units, students will develop a critical understanding of their personal and professional strengths and limitations in working individually, with peers, and with industry professionals. Students will be guided by academics and industry coaches to apply the discipline knowledge and professional skills gained throughout their university studies to a real-world project for an industry client. This unit supports students to develop their professional identity, and enables students to develop and demonstrate their capabilities for working professionally in teams to develop solutions for real world problems.

BSD110 Accounting

| | |
|----------------|--|
| Equivalent s | BSB110 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

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

BSD111 Business Law and Ethics

| | |
|-----------------|---|
| Anti-requisites | AYB120, LLB101, LLB202, LWB136, LWB145 and UDB102 |
| Equivalent s | BSB111 |
| Credit Points | 12 |

| | |
|----------------|--|
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

BSD111 introduces students to the Australian legal environment, and addresses specific legal issues that relate to business, such as contract law, consumer law and negligence. It also recognises the need for the business leaders of tomorrow to act in accordance with society's ethical standards. These issues are pertinent regardless of which field of business a student may choose to major in.

BSD113 Economics

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

All economic questions arise because we want more than we can get. Wants are infinite and resources to achieve those wants are scarce. Economics is the study of how best to use and distribute scarce resources to meet our needs and wants. Economists look at how people make decisions and the interaction of individuals in markets as a way of distributing those scarce resources. Sometimes markets work and sometimes they do not. Economics examines the role of government in either obstructing or improving market outcomes and the effect of those decisions on the well being of society.

Economics also studies the economy as a whole and key topics include economic growth, inflation, unemployment and international trade. In studying these issues economists can understand how to manage the economy for the good of its citizens.

BSD115 Management

| | |
|----------------|--|
| Equivalent s | BSB115 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

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

BSD119 Global Business

| | |
|----------------|--|
| Equivalent s | BSB119 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

Globalisation' is the development of interdependency among

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

BSD126 Marketing

| | |
|----------------|--|
| Equivalent s | BSB126 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

To operate successfully and profitably in today's competitive marketplace, business operators need to apply 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. BSD126 Marketing introduces students to the key foundations of marketing strategies and tactics in order to adapt and respond to a continuously changing marketplace.

BSN005 Introduction to Academic Research

| | |
|------------------|--|
| Other requisites | Subject to Course Coordinator Approval: 240 credit points of UG study with a GPA of 5.5>; pre-approval of Course Coordinator; subject to supervisor availability and completion of an agreed |
|------------------|--|

| | |
|-------------------|---------------------------------|
| | learning contract. |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

BSN404 Project 1

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

This unit involves the integration of a higher level of research with the learning achieved from other units completed in this program. The student selects a topic which they have identified as significant to their professional development and is expected to spend ten hours per week over 11 weeks on completing the project on this topic. The primary purpose of the unit is to augment or extend your professional knowledge beyond classroom instruction, to develop applied research skills, to integrate learning with work, and provide an opportunity for self directed learning. In order to achieve these purposes, you will develop an individually tailored learning contract. The specific program of study will be developed in conjunction with and approved by the supervisor.

BSN405 Project 2

| | |
|-----------------|------------------------|
| Anti-requisites | MKN101, MKN102, MKN104 |
|-----------------|------------------------|

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

This unit involves the integration of a higher level of research with the learning achieved from other units completed in this program. The student selects a topic which they have identified as significant to their professional development and is expected to spend ten hours per week over 11 weeks on completing the project on this topic. The primary purpose of the unit is to augment or extend your professional knowledge beyond classroom instruction, to develop applied research skills, to integrate learning with work, and provide an opportunity for self directed learning. In order to achieve these purposes, you will develop an individually tailored learning contract. The specific program of study will be developed in conjunction with and approved by the supervisor.

BSN406 Project 3

| | |
|----------------|--|
| Equivalent s | BSX406 |
| Credit Points | 24 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

This unit involves the integration of a higher level of research with the learning achieved from other units completed in this program. The student selects a topic which

they have identified as significant to their professional development and is expected to spend ten hours per week over 11 weeks on completing the project on this topic. The primary purpose of the unit is to augment or extend your professional knowledge beyond classroom instruction, to develop applied research skills, to integrate learning with work, and provide an opportunity for self directed learning. In order to achieve these purposes, you will develop an individually tailored learning contract. The specific program of study will be developed in conjunction with and approved by the supervisor.

BSN409 Research Project

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

BSN412 Qualitative Research and Analytical Techniques

| | |
|-----------------|--|
| Anti-requisites | CON500 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

Strategic and operational decision-making and the increasing availability of unstructured data in business increasingly requires that managers have an understanding of the nature of qualitative data, the conduct of qualitative studies and the methods to collect and analyse qualitative data.

BSN413 Experiential Learning Project

| | |
|-------------------|---|
| Pre-requisites | 48cp of completed postgraduate study |
| Other requisites | Participation in approved innovation, industry engagement, entrepreneurship, or social enterprise activity of 50 hours or more. |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM |

Students have many opportunities to undertake activities such as entrepreneurial learning opportunities, start-up weekends, innovation sprints, social enterprises, industry or community engagement. The unit supports students in bringing more meaning to these opportunities, through connecting with their course and career ambitions.

BSN414 Quantitative Research Methods

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

This unit is designed to give students an introduction to a range of quantitative research methods and their application to different research questions and types of quantitative data.

BSN421 Work Integrated Learning Project

| | |
|----------------|---|
| Pre-requisites | Completion of 96cp of previous study of Business postgraduate units |
| Anti- | BSN420 |

| | |
|-------------------|---|
| requisites | |
| Other requisites | To ensure effective engagement with industry and community partners, enrolment numbers in BSN421 are capped, and currently only internal students can enrol. Enrolment is by application, with a call for applications distributed in preceding semester. Grade Point Average (GPA) of 5.0 or higher. |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This is a Work Integrated Learning unit with students focusing on the ideation and development of real world solutions for selected industry partners. Students will work in teams and with industry mentors to ideate and prototype business solutions. Students will extend their professional knowledge beyond classroom instruction to develop applied research skills, integrate learning with real world experiences and practice self-directed learning. Through the mentoring model they will also gain valuable feedback and real world industry insights to help them critique and refine their thinking and develop creative ways to address organisational issues and problems.

BSN501 Dissertation

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

Units

BSN501 Dissertation

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

BSN501 Dissertation

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

BSN501 Dissertation

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

BSN502 Research Methodology

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

BSN502 is designed to assist postgraduate research students to understand and deploy the fundamentals of research methodology. It is designed as a companion unit to Research Seminar, Quantitative Research Methods and Qualitative Research and Analytical Techniques. Through lecture content, workshop activities and additional readings the unit directly addresses the assurance of learning goals 1.1 and 2.1 (see below). The assessment items are designed to practice professional communication skills outlined in learning goals 3.1 and 3.2 (see below). Achievement of these

assurance goals support the establishment of fundamental building blocks for the more advanced learning goals (1.2, 2.2, 3.1, 4.1 and 5.1).

BSN503 Research Seminar

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

This unit is designed to assist students in the preparation of a research proposal. It is intended that this exercise will provide a basis for future writing tasks required of students during their candidature (such as formal course milestones and the final thesis).

BVB101 Foundations of Biology

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

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

questions such as "are viruses alive" and "can we synthesise life"

BVB102 Evolution

| | |
|-----------------|--|
| Anti-requisites | NQB422 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Studying Evolution provides students with the fundamental basis for understanding biological patterns and processes from data sources spanning research from genomes to ecology and fossils. As stated by the famous biologist, Theodosius Dobzhansky (1973), "nothing in biology makes sense except in the light of evolution". Evolution gives an overview of the nature of inheritance, biological variation, natural & sexual selection, adaptation and how these underpin biological diversity and the distributions of all species, both extinct and extant. The primary aim of the unit is to provide the context for you to be able to interpret any biological observation in an evolutionary framework in fields as diverse as conservation and medical genetics. As a foundational unit, knowledge and skills that you gain will be built upon in subsequent units in the biology major as well as in Wildlife Ecology and Biotechnology & Genetics minors.

BVB201 Biological Processes

| | |
|----------------|--|
| Pre-requisites | BVB101 or SCB112 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

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

BVB202 Experimental Design and Quantitative Methods

| | |
|----------------|--|
| Pre-requisites | SEB113 or MAB101 or MAB141 or MXB101 |
| Equivalent s | NQB421 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

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

effective design, analysis and interpretation of experiments.

BVB203 Plant Biology

| | |
|----------------|---------------------------------|
| Pre-requisites | BVB101 and BVB102 and BVB201 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

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

BVB204 Ecology

| | |
|----------------|--|
| Pre-requisites | BVB101 or BVB102 or EVB102 or SCB112 |
| Equivalent s | NQB321 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Ecology is the study of the factors and interactions that influence the distribution and abundance of organisms. It is a key component of biology and is central to managing species and ecosystems. This unit

examines the major concepts of ecology and develops the conceptual foundation for later subjects in the biology major and minors.

BVB212 Drug Action

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

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

BVB214 Vertebrate Life

| | |
|----------------|--------------------------------------|
| Pre-requisites | BVB101 or BVB102 or EVB102 or SCB112 |
| Equivalent s | NQB423 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point |

Units

| | |
|----|-----------------|
| es | - SEM-1 |
| | External |
| | - XCH-1, XCH-2 |

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

BVB221 Nature's Pharmacy

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

Fundamental concepts and practical skills relevant to plant medicinal biology, chemistry, biochemistry, and pharmacology. It introduces the general classes of medicinal plant compounds, their biosynthesis and function in planta, their purification and analysis, and clinical applications. The unit introduces the pharmacology of specific plant-derived compounds, thereby building upon the knowledge of drug action developed in BVB212. It provides a deeper understanding of the broader technical, social, cultural, and legal challenges in the transition from discovery to application via focused evaluation of existing/emerging global health challenges. The ability to critically evaluate

scientific literature, synthesise information, and write effectively is further developed in this unit. This unit develops a broad range of knowledge and practical skills of direct relevance to the pharmaceutical sector, as well as natural product chemistry, plant science, botany, and allied health.

BVB225 Ecosystems and Biodiversity

| | |
|-----------------|--------------------------------------|
| Pre-requisites | BVB101 or BVB102 or EVB102 or BZB210 |
| Anti-requisites | BVB223, BVB224 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

There are over one million species catalogued, and several million yet to be described. Familiarity with biological diversity and the role species play within ecosystems is central to biological and evolutionary research, and for developing solutions to sustain the environmental health of our planet. Australia has a largely unique flora and fauna, with a very high proportion of our plant and animal species found nowhere else. While impossible to cover every Australian plant and animal in a single unit, we will introduce some key elements of that diversity, with a focus on terrestrial ecosystems and the plants, insects and mammals which occur in them. For students enrolled in biology and environmental science majors this unit provides foundational knowledge for

subsequent units such as ecology and environmental monitoring; while for education majors the skills gained in creating collections forms a basis for teaching biology in both primary and secondary school.

BVB301 Animal Biology

| | |
|----------------|--|
| Pre-requisites | BVB101 or BVB214 or BZB210 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

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

BVB304 Integrative Biology

| | |
|----------------|--|
| Pre-requisites | BVB202 and BVB203 and BVB301 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This Capstone unit requires

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

BVB305 Microbiology and the Environment

| | |
|----------------|---|
| Pre-requisites | BVB201 |
| Credit Points | 12 |
| Campus | Gardens Point and EXCHANGE |
| Availabilities | Gardens Point - SEM-1 XCH - XCH-1, XCH-2 |

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

BVB311 Conservation Biology

| | |
|----------------|--|
| Pre-requisites | BVB204 |
| Equivalent s | NQB622 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

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

BVB313 Population Genetics and Molecular Ecology

| | |
|----------------|--|
| Pre-requisites | BVB204 |
| Equivalent s | NQB521 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Understanding the dispersal and movement of genes in

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

BVB317 Principles of Genomics and Biotechnology

| | |
|----------------|--|
| Pre-requisites | BVB101 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

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

BVB321 Invasion Ecology

| | |
|----------------|-------------------|
| Pre-requisites | BVB202 and BVB204 |
| Credit Points | 12 |
| Campus | Gardens Point |

Units

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| Availabilities | Gardens Point - SEM-2 |
|----------------|---------------------------------|

Invasive species cause substantial and costly negative effects to native ecosystems and threaten food security. An understanding of the ecological processes by which they are introduced, establish and spread in new regions is essential for their control. Invasive species are now so widespread that they will be encountered in some way in a wide range of careers in ecology and environmental science. Similarly, while pest species are typically dealt with within agro-ecosystems, managing and reducing large populations in a sustainable manner requires science and sophistication, and often similar ecological principles to dealing with invasive species. Integrating and extending work introduced in earlier units, you will learn the skills and concepts that are necessary to understand, analyse and manage pests and invasive species, and the processes of biological invasion.

BVB330 Evolutionary Genomics

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

Biological scientists are currently turning to genomic and phylogenetic approaches to explore biological diversity, improve agricultural practices, develop better drugs,

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

BZB210 Biological Sciences

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

Cells are the basic structural unit of life. They exist in diverse forms from simple single-celled microbes to complex multicellular organisms such as plants and animals. In this unit you will investigate the diverse nature of cells and consider how they are built and powered and how they interact and reproduce. You will extend these foundation concepts to examine more complex problems involving molecular biology, plant and animal biology, and ecology.

CAB201 Programming Principles

| | |
|-----------------|--|
| Pre-requisites | IFB104 or ITD104 or MZB126 or EGD126 or ENB246 or MXB103 or INB104 or MAB220 |
| Anti-requisites | ITD121 |
| Equivalent s | INB270, IND270 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit builds on the gentle introduction to programming provided in IFB104 or MZB126. In those units students learn how algorithms are constructed by combining the logical structures of Sequence, Selection and Iteration. Students also learn how functions can be used to abstract and reuse sections of code. These concepts are reinforced in this unit and extended with additional applications of abstraction necessary to combat complexity when building larger systems. Object-oriented principles are introduced where the program is structured around classes of objects that are identified from the real-world providing a high-level architecture that is better able to stand the test of time as requirements evolve throughout the lifetime of the system. This unit provides the foundation for the other more advanced and specialized programming units.

CAB202 Microprocessors and Digital Systems

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

This unit introduces you to the components inside a computer and how these components work together. The design and development of modern digital electronic systems requires a knowledge of the hardware and software to program the system. This unit identifies design requirements and lets you develop embedded microcontroller-based system solutions. Practical laboratory exercises progressively expose features of a typical microprocessor; and explain how an embedded computer can interact with its environment. This provides a valuable foundation for further studies in areas such as robotics and networking.

CAB203 Discrete Structures

| | |
|----------------|--|
| Pre-requisites | IFB104 or ITD104 or MZB126 or EGD126 |
| Equivalents | INB250 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit provides the

mathematical background necessary for understanding, analysing, modelling and evaluating computer-based systems and problems. You will learn how to use mathematical notation and concepts to model problems in computer science, to apply standard solutions to a wide variety of problems, and to communicate precisely with other professionals. This material is especially important for later understanding of data structures, algorithms (CAB301), and theoretical models of computing (CAB403).

CAB210 People Context and Technology

| | |
|----------------|--|
| Pre-requisites | IFB103 or INB103 or ITD103 or INB182 or EGB100 or ENB100 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This is a human-computer interaction unit focussed on user experience research to inform the implementation of interactive technologies, like mobile applications, web services and games. It introduces user experience methods to study people's needs in a real-world context, and to evaluate the usability and experience with technologies. This unit is important to inform the design and development of technologies that meet the needs of people who are going to use them and the context

within which they will be used. A stronger understanding of people, context and technology will provide students with an edge in the market place for jobs such as interaction designers, usability engineers, game designers, app developers, information architects, and user experience designers. This unit builds on the design thinking skills developed in IFB103, and it provides the foundation for advanced interaction design skills through unit CAB310.

CAB220 Fundamentals of Data Science

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

Data is becoming central to every organization's decision making process, and the demand for data savvy modelers and software engineers is rapidly increasing. Modern computational approaches to data analysis have to enable users to acquire, manage, interpret, present and disseminate large volumes of heterogeneous data. Data science is a synthesis of statistics, mathematics, machine learning and computer science, and uses tools, techniques, and approaches from all of these fields to extract information from datasets. This unit will introduce you to a wide range of Data Science methods and theories to model and analyze data.

CAB230 Web Computing

| | |
|----------------|--|
| Pre-requisites | IFB104 or ITD104 or MZB126 or EGD126 |
| Equivalent s | INB271 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

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

CAB240 Information Security

| | |
|---------------|--------|
| Equivalent s | INB255 |
| Credit Points | 12 |

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| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Cybersecurity breaches, from database hacking to malware campaigns, are increasing. The interconnectedness of information systems means actions of individuals may impact on others on a global scale. This unit is important in developing an understanding of the challenges involved in protecting information, introducing essential information security concepts. Security goals including confidentiality, integrity, availability, authentication and non-repudiation are defined. Threats to information and vulnerabilities that could be exploited are identified. Technical and non-technical measures to provide security for information are discussed in areas including access control, cryptography, and network communications. Security management standards and guidelines on best practice implementation are reviewed. You can take this unit as a stand-alone course to raise your information security awareness, or as a pathway into information security units, including network security and cryptography.

CAB301 Algorithms and Complexity

| | |
|----------------|---|
| Pre-requisites | (CAB201 or ITD121) and (CAB203 or MXB102 or IGB283) |
| Equivalent s | INB371 |
| Credit | 12 |

| | |
|----------------|--|
| Points | |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit teaches you the fundamental principles used to assess the efficiency of software algorithms, allowing you to distinguish solutions that can process large amounts of data or perform complex calculations effectively from those that run unacceptably slowly or not at all. In this unit you will examine a range of different algorithm types, review the principles used to predict their efficiency and perform empirical measurements of specific algorithms to confirm the theoretical predictions.

CAB302 Software Development

| | |
|----------------|--|
| Pre-requisites | CAB201 or INB270 or ITD121 |
| Equivalent s | INB370 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit teaches you how to work effectively in a team to develop large-scale software systems. It includes principles of teamwork, modern software development methodologies and tools that are needed when working in a team on a large project.

CAB303 Networks

| | |
|------|------------------|
| Pre- | IFB102 or ITD102 |
|------|------------------|

Units

| | |
|-----------------|--|
| requisites | |
| Equivalent s | INB251 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Building on your digital systems knowledge, you will be introduced to practical and theoretical knowledge on a wide range of modern networking topics to be able to design, implement and maintain network-based applications. You will participate in practical networking exercises to provide hands-on experience with network-based computing.

CAB310 Interaction and Experience Design

| | |
|-----------------|--|
| Pre-requisites | CAB210 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Human centred design is investigated from theoretical and practical perspectives. This unit extends on the fundamental human-centred view of technology to explore theories and design approaches for particular kinds of interactions, relations and technologies. We will explore interactional stances (e.g. embodied interaction, persuasive technology, game interaction, mobile interaction), emerging human-technology

relations (e.g. technology in developing countries, interaction with the internet of things, human-robot interaction), and holistic service approaches (service design, experience design). Methods that respond to the particular interaction/technology context are explored. Methods and philosophical perspectives on engaging participation from stakeholders in design are investigated. The co-evolution of interaction and technology is explored from a historical perspective to inform and examine current and future human-computer interaction approaches. Students will develop an innovative interaction/experience design and construct a theory of interaction that they will then test.

CAB320 Artificial Intelligence

| | |
|-----------------|---|
| Pre-requisites | (INB270 or CAB201 or ITD121 or CAB202) and (MZB151 or ENB246 or MZB126 or EGD126 or MXB103) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

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

CAB330 Data and Web Analytics

| | |
|-----------------|---------------------------------|
| Pre-requisites | CAB220 or CAB230 |
| Equivalent s | INB342 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-2 |

Data analytics has become a popular way to support decision-making by turning an organization's large collection of data into useful knowledge about their customers and business processes. Data analytics has direct applications in several fields such as social networks, business processes, search-engines, e-commerce, digital libraries, bioinformatics and web information systems. This unit provide fundamental knowledge and skills of data analytics to help with data-driven decision making. You will learn the different types of data mining techniques to apply classification, clustering and association mining. You will learn how the processing can be applied to text and web usage data. This is an introductory unit and the knowledge and skills developed in this unit are relevant to all IT professionals. It builds on CAB220 - Fundamentals of Data Science which introduces the basic concepts of data manipulation.

CAB340 Cryptography

| | |
|-----------------|------------------|
| Pre-requisites | CAB203 or MXB102 |
| Anti-requisites | INB355 |
| Credit | 12 |

Units

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|----------------|--|
| Points | |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Proliferation of Internet technology allows users to access information and services from everywhere at anytime. Unfortunately, the price users have to pay is an increased risk that their sensitive information is going to be intercepted by an adversary who may use it and violate users' privacy or/and to impersonate them. This unit investigates advanced topics in Cryptography. It exposes students to tools that can be used to provide security in increasingly insecure Internet environment.

CAB401 High Performance and Parallel Computing

| | |
|----------------|--|
| Pre-requisites | CAB301 or IFN505 |
| Equivalent s | INB375 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Building on your skills in "sequential" programming, this unit teaches you the tools and techniques needed to exploit multi-processor computer systems to achieve dramatic performance improvements for computationally intensive problems. This unit gives you both an understanding of why future computer hardware will be increasingly parallel, the

challenges this poses for software development as well as a set of practical skills in creating high-performance programs using today's best tools and techniques.

CAB402 Programming Paradigms

| | |
|----------------|--|
| Pre-requisites | (CAB201 or ITD121) and CAB203 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This advanced unit exposes you to special-purpose programming languages that operate under different paradigms than the conventional "imperative" languages you have used in the course so far. A paradigm is a distinct set of concepts and pattern of thinking. The way software developers think and express themselves is profoundly influenced by the programming paradigm that they adopt. A variety of different programming paradigms have been developed over the years, each with their own strengths and weaknesses. This unit will expose you to new ways of thinking about and expressing software solutions. It will explore advanced programming language constructs, principles for the sound design of new languages and how they evolve. We take a look under the covers, and remove the "magic" by exploring how high level programming languages

are practically implemented and ultimately executed as machine code on contemporary hardware. The unit provides both a deep theoretical foundation for programming languages by abstracting them to basic mathematical forms as well as showcasing practical application of those advanced principles for software development in the real world.

CAB403 Systems Programming

| | |
|-----------------|--|
| Pre-requisites | (CAB201 or MZB126) and CAB202 |
| Anti-requisites | INN365 |
| Equivalent s | INB365, ITB706, ITB745 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit uses operating system concepts to teach the foundations of systems programming and advanced concepts for producing software that provides 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, data protection, and distributed systems. It discusses the concepts, structure and mechanisms of modern operating systems for systems programming, e.g., processes, concurrency, storage management, and so on. It also looks at distributed systems and security issues

Units

that are required to support systems programming. It builds upon the low level programming concepts introduced in CAB202: Microprocessors and Digital Systems.

CAB420 Machine Learning

| | |
|----------------|---|
| Pre-requisites | CAB201 and (MZF151 or ENB246 or MZF126 or MXB100 or MXB103) OR Admission to (EN50 or EN55) OR (IFN501 and MXN500) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

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

CAB430 Data and Information Integration

| | |
|----------------|----------------------------|
| Pre-requisites | CAB220 or CAB201 or ITD121 |
| Credit | 12 |

| | |
|----------------|--|
| Points | |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

The ever increasing variety (values, raw text, sensors, etc.) and volume of data available, together with recent advances on standards to describe and organise data (e.g. semantic web, relational databases, noSQL) brings both new opportunities and challenges for innovation. In particular, data integration can lead to a better understanding of business processes, increased security of systems and improved decision making. The challenges lie in selecting the data, transforming the data in a way that computers can deal with, and also organise the data in a scalable manner in order to provide powerful visualisations of important phenomena. The unit will start with the principles of data warehouse and data visualizations with OLAP (on-line analytical processing). The students will then be exposed to information extraction techniques meant for non-relational data using NoSQL and others.

CAB431 Search Engine Technology

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

This unit aims to equip you with

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

CAB432 Cloud Computing

| | |
|----------------|--|
| Pre-requisites | CAB301 or CAB302 or INB370 or INB371 |
| Equivalent s | INB356 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Cloud Computing is among the most important developments in the IT industry in recent years, and one which has received enormous attention. Cloud is a natural progression from earlier trends in service and infrastructure outsourcing and virtualisation, but is distinguished by its elasticity and scale: service and infrastructure provisioning may change rapidly in response to variations in demand, allowing clients to cater for unexpected spikes in load without tying up capital in expensive and potentially underutilised assets. Cloud services and technologies are becoming increasingly diverse and sophisticated, moving rapidly from the initial, 'bare metal' offerings of a few years ago,

and providing a rich set of options and APIs. This unit provides a technically oriented introduction to Cloud Computing, giving you experience in developing modern cloud applications and deploying them to the public clouds of the major vendors.

CAB440 Network and Systems Administration

| | |
|----------------|--|
| Pre-requisites | CAB303 or INB251 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

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

CAB441 Network Security

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

As a system administrator or information security professional you are expected to have an in depth understanding of the vulnerabilities and threats that system services under your protection may be exposed to. As a result it is important that you are familiar with system exploitation techniques and tools that may be used against your system services and applications. This knowledge and skill will allow you to better defend your system services and applications. This advanced unit will discuss security design principles that produce secure networks and applications. This unit will also introduce techniques and tools that demonstrate how to secure systems as well as to exploit system services and applications so that you are aware of the impact of insecure systems. This unit is considered an advanced networking unit with no following units.

CCB101 Media Issues and Debates

| | |
|----------------|--|
| Equivalent s | KCB102 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-2 |

This introductory unit addresses key concepts, myths, controversies and debates surrounding the relationship between media and contemporary society. The media and communication theories and ideas about the

role of communication in contemporary society and culture are foundational for communication professionals. The unit aids you to critically examine topics such as the relationship between media content and violence, and how media may or may not affect social behaviours. In doing so, the unit 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. The unit provides a critical approach to media scholarship about the role of media in society that underpins more advanced units such as Social Media, Self and Society and Research Methods.

CCB102 Multi-Media Design

| | |
|----------------|--------------------------------|
| Equivalent s | KJB103, KCB304, KJB211 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Visual communication techniques are essential in capturing the attention of an increasingly visually 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. You will gain an understanding of the role of

design as a communication tool in a variety of outputs including newspapers, magazines, online publications and other integrated communication resources. It introduces the theory of design, its formats, the use of desktop publishing software, the principles of typography and design and the development of stakeholder relationships (photographers, printers etc.).

CCB203 Strategic Speech Communication

| | |
|----------------|---|
| Equivalent s | KCB103, KCD103, KCB213 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - XCH-2 |

This unit addresses 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 abilities needed to become articulate presenters in a range of contexts, including personal presentations both live and mediated. The ability to present a spoken message is a highly desirable skill in education, employment and life. Across a range of fields and professions, graduates will have many opportunities to speak a message both face-to-face and

online. Taking an audience-centred approach to speaking, this unit focuses on creating and analysing persuasive messages. The unit is designed to assist you in becoming an effective oral communicator and discerning listener.

CCN102 Social Media Storytelling

| | |
|----------------|-------------------------------|
| Equivalent s | CCQ102 |
| Credit Points | 6 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP6 |

Effective communication has essentially always been about telling compelling stories. As a digital communication specialist it is critical that you are able to craft effective messages to reach and engage your target audiences across multiple platforms and in a variety of formats.

CCN103 Debates in Digital Culture

| | |
|----------------|-------------------------------|
| Equivalent s | CCQ103 |
| Credit Points | 6 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP6 |

This unit provides skills to draw on scholarly research so as to understand and contribute to debates about the complex ways in which digital technologies impact on contemporary culture and society. The ability to consider different perspectives and draw on research in the context of such debates is crucial for

critically informed communication professionals.

CCN104 Visualising Data

| | |
|-----------------|-------------------------------|
| Pre-requisites | CCN106 or CCQ106 |
| Anti-requisites | DVB302, DXB502 |
| Equivalent s | CCQ104 |
| Credit Points | 6 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP6 |

Knowing how to make sense of data for diverse audiences, through appropriate visual representation, is a key skill for contemporary communication professionals. This unit is included early in the program to teach you some fundamental knowledge and skills in data visualisation.

CCN105 The Power of Platforms

| | |
|----------------|-------------------------------|
| Equivalent s | CCQ105 |
| Credit Points | 6 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP7 |

It is critical for communication professionals to have an understanding of how the communication and media industries are disrupted and transformed by the power and influence of social platforms. This unit addresses how platforms have changed media industry business models, content creation and distribution, as well as a deep exploration of the specifics of platforms and their audience and user cultures. As a digital

communication professional the knowledge and skills developed in this unit will be essential for you to be effective in this digital media environment.

CCN106 Introduction to Social Media Analytics

| | |
|----------------|-------------------------------|
| Equivalent s | CCQ106 |
| Credit Points | 6 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP7 |

Knowing how to analyse social media data sets by asking questions and making decisions that improve content and engagement is a fundamental skill for contemporary communication professionals. It is included in the early part of the program to develop your foundational data analytics knowledge and skills.

CCN107 Coding for Communicators

| | |
|----------------|-------------------------------|
| Pre-requisites | CCN106 or CCQ106 |
| Equivalent s | CCQ107 |
| Credit Points | 6 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP7 |

It is essential that future focused communication professionals have both an understanding of how computational technologies transform the world of communication, and the hands-on skills to develop code. This unit provides a foundational understanding of computational thinking .

CCN108 Social Media Strategy Project

| | |
|----------------|--|
| Pre-requisites | Completion of 24 credit points of CCN- or CCQ-coded units including (CCN104 or CCQ104) and (CCN106 and CCQ106) |
| Equivalent s | CCQ108 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP8 |

This Work Integrated Learning unit enable you to synthesise your knowledge and skills developed in earlier foundational units in the program and to develop core knowledge and skills essential for professional practice in the Communication industries. It provides an opportunity to work collaboratively as a team to respond to a real client brief by applying the key principles of effective social media management to the development of a social media strategy.

CCQ102 Social Media Storytelling

| | |
|----------------|---------------------------------|
| Equivalent s | CCN102 |
| Credit Points | 6 |
| Campus | Online and QUT Online |
| Availabilities | Online - SES2B, SES4B |

This unit introduces the basic concepts, frameworks and techniques for effective storytelling and communication, via social media platforms. It examines how audiences engage with stories that unfold across multiple platforms. Additionally,

it explains how to craft effective messages as compelling stories for target audiences, ultimately, the aim of effective communication. As a digital communication specialist, it is critical that you are able to reach and engage your target audiences, across multiple platforms, and in a variety of formats.

CCQ103 Debates in Digital Culture

| | |
|----------------|---------------------------------|
| Equivalent s | CCN103 |
| Credit Points | 6 |
| Campus | Online and QUT Online |
| Availabilities | Online - SES2A, SES4A |

This unit addresses key debates and different perspectives about the role and impacts of digital technologies on contemporary culture and society. As such, the unit develops your academic skills to assess, draw on and contribute to scholarly research in the context of such debates. Issues such as the role of social media, filter bubbles, echo chambers and the changing nature of power will be focussed on. The ability to consider different perspectives and draw on current research to discuss the debates around digital technologies and their impact is crucial for critically informed communication professionals.

CCQ104 Visualising Data

| | |
|---------------|-----------------------|
| Equivalent s | CCN104 |
| Credit Points | 6 |
| Campus | Online and QUT Online |

Units

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|----------------|---------------------------------|
| Availabilities | Online - SES2B, SES3B |
|----------------|---------------------------------|

This foundational unit provides you with some fundamental knowledge and skills in data visualisation, such as design, techniques and methods for the visual communication of complex datasets. To produce the simplest bar graph and scatter plot to highly complex network diagrams requires an understanding of the principles of visual communication and data analytics. Across the communication and media industries there is a growing demand for communication specialists to be able to effectively communicate complex datasets to non-specialist audiences. Knowing how to make sense of data for diverse audiences, through appropriate visual representation, is a key skill for contemporary communication professionals.

CCQ105 The Power of Platforms

| | |
|----------------|---------------------------------|
| Equivalent s | CCN105 |
| Credit Points | 6 |
| Campus | Online and QUT Online |
| Availabilities | Online - SES2A, SES3A |

This unit explores the way in which social media platforms shape and change contemporary communication, and the implications for communication professionals. It provides you with a critical understanding of how platforms have disrupted media industry business models, content creation and distribution, as well as their audience and

consumer cultures. The knowledge and skills developed in this unit will be essential for you to be effective as a digital communication professional in this digital media environment.

CCQ106 Introduction to Social Media Analytics

| | |
|----------------|--------------------------|
| Equivalent s | CCN106 |
| Credit Points | 6 |
| Campus | Online |
| Availabilities | Online - SES3A |

This foundational unit introduces skills and knowledge necessary for undertaking social media analytics to inform effective social media communication and engagement. It addresses the theory and methods of data analytics and standard social media analytic tools that are used in the industry for understanding and building engagement on social media platforms. You will learn how to analyse social media data sets to make decisions that improve engagement with audiences and communities. Knowing how to analyse social media data sets by asking questions and making decisions that improve content and engagement is a fundamental skill for contemporary communication professionals. It is included in the early part of the program to develop your foundational data analytics knowledge and skills.

CCQ107 Coding for Communicators

| | |
|----------------|--------------------------|
| Equivalent s | CCN107 |
| Credit Points | 6 |
| Campus | Online |
| Availabilities | Online - SES3B |

This foundational unit introduces you to the significance and implications of computational thinking for contemporary digital communication. It provides a hands-on approach to the field of computational communication, including how to use and create programs written in Python; to program Python for automating data collection; and to collect, manage, process and analyse the digital traces of human online communication. It is essential that future-focused communication professionals have both an understanding of how computational technologies transform the world of communication, and the skills to develop code.

CCQ108 Social Media Strategy Project

| | |
|----------------|---|
| Pre-requisites | Completion of 24 credit points of CCQ- or CCN-coded units including two of the following units (CCQ104 or CCN104, CCQ106 or CCN106, CCQ107 or CCN107) |
| Equivalent s | CCN108 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES4 |

This project-based unit enables you to synthesise social media management skills acquired in

earlier foundational units and to gain core knowledge and skills essential for professional practice in the Communication Industries. It provides an opportunity to work collaboratively as a team to respond to a social media management challenge scenario by applying the key principles of effective social media management to the development of a social media strategy.

CDB101 Managing Entertainment

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-2 |

This unit introduces you to the theories and practices of management within the media and entertainment industries. It examines how the particular nature of work in the media and entertainment industries shapes managerial identities, roles, and strategies. It also provides students with a broad overview of what obstacles and challenges to expect as media and entertainment professionals. For example, how do media and entertainment professionals manage teams of creative workers?

CJB101 Newswriting

| | |
|----------------|--------------------------------|
| Equivalent s | KJB120 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

In this introductory unit you will gain a broad knowledge of the foundations of news reporting, focusing on identifying, researching and then structuring news reports in an evolving news environment. You will learn how to recognize the fundamental attributes of news and others journalism forms; use the mobile technologies available, evaluate events for their potential news value, to record interviews and perform other reporting tasks, and to write socially responsible news stories.

CJB102 Visual Journalism

| | |
|----------------|--------------------------------|
| Equivalent s | KJB104, KKB020 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit develops the basic skills of Newswriting: generating story ideas, researching, conducting interviews, finding news values and news angles and applying them in a practical context. You will develop your journalistic inquiry skills focusing on interviewing, data mining and right to information. You will learn 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.

CJB103 Journalistic Inquiry

| | |
|----------------|--------------------------------|
| Pre-requisites | CJB101 or KJB120 |
| Equivalent s | KJB121 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit addresses basic skills of newswriting: generating story ideas, researching, conducting interviews, finding news values and news angles and applying them in a practical context. It also advances generic newswriting skills, enhances writing competency and develops the use of social media and mobile technologies in journalism. As such, it develops media professionals who can generate accurate, interesting and insightful stories. It builds your capacity to independently examine issues and events from new angles, rather than uncritically complying with outside agendas, such as PR agencies, government or business. You develop your journalistic inquiry skills focusing on interviewing, data mining and right to information, and learn how they fit into an online environment. You are introduced to everyday journalism, rigorous deadlines, social media and mobile first technologies.

CSB012 Introduction to Medical Radiations

| | |
|----------------|----------------------|
| Equivalent s | PCB178 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point |



Units

es - SEM-1

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

CSB013 Introduction to Radiation Therapy

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

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

CSB020 Systematic Imaging Pathology

| | |
|-----------------|---------------------------------|
| Pre-requisites | CSB021 |
| Anti-requisites | LSB367, LSB475 |
| Equivalent s | PCB252 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

The unit introduces general cellular pathology and applies these principles to imaging of the major systems of the body including the gastrointestinal, cardiac, respiratory, urogenital, skeletal and nervous systems. Through lectures and practical classes, you will learn to

identify and describe the pathogenesis of common chronic conditions as well as acute medical emergencies typical in the Australian healthcare system. The knowledge and skills gleaned from the unit will underpin your subsequent clinical units.

CSB021 General Radiography 1

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

This is a foundational unit designed to provide you with knowledge of imaging practices and in particular skeletal radiography. It introduces you to the patient considerations and positioning techniques which you will be able to put into practice in the accompanying unit CSB022 Radiographic Practice. A full and detailed knowledge of anatomy and positioning techniques for skeletal radiography is essential to the education of medical imaging technologists.

CSB022 Radiographic Practice

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

es - SEM-2

This is the first unit in radiographic positioning of your course and builds on your foundation knowledge of the role of the Radiographer from semester 1. The development of positioning skills and a full appreciation of the principles of image production and processing are essential requirements in the education of medical imaging students. This unit is designed to apply your knowledge of skeletal anatomy, radiography and imaging practices, and the role of the radiographer. The practical sessions are designed to develop positioning skills through role play and taking radiographs of sectional models to become familiar with radiographic appearances and image quality.

CSB025 Principles of Radiation Therapy Planning and Treatment

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

This unit is the first unit in Radiation Therapy planning and treatment of your course and builds on your foundation knowledge from CSB013 introduction to Radiation Therapy from semester 1. This unit provides you with opportunities to build, practice and provide evidence of your problem-solving skills for radiation planning and

Units

treatment. Within a simulated environment, you will be able to practice planning and treatment techniques in a safe environment in order to prepare them for clinical practice. Highlighting the importance of accurate working and the potential impact of errors builds on the radiation safety principles being learned concurrently in the radiation safety unit. The clinical placements will allow you to familiarise yourself with the practices of a radiation therapy department. This unit aims to provide students with a fundamental understanding of the principles of planning and treatment for radiation therapy.

CSB032 Radiation Therapy 2

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

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

CSB033 Clinical Radiography 1

| | |
|----------------|--|
| Pre-requisites | (CSB022 or PCB277) and (CSB021 or PCB276) and LSB142 |
| Co-requisites | CSB034 |

| | |
|----------------|--|
| Equivalent s | PCB359 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

An opportunity to participate in patient examinations in the clinical situation is essential to further skills development for medical imaging students.

CSB034 General Radiography 2

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

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

CSB035 Treatment Planning 2

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB023 and CSB024 and LQB389 |
| Equivalent s | CSB090 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit builds on the fundamental dosimetry understanding gained in Treatment Planning 1 and enables students to apply this to a range of common tumour

sites. In order to prepare them for clinical planning, students will have the opportunity to produce clinically acceptable plans for these routine tumour sites and start to develop essential plan evaluation skills.

CSB036 Medical Imaging Methods

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

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

CSB037 Medical Imaging Applications in Radiation Therapy

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

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

Units

CSB059 Advanced Imaging Applications in Year 3.

CSB038 Clinical Radiation Therapy 1

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB025 and PCB675 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

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

CSB039 Radiation Therapy Treatment 1

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

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

CSB041 Specialised Imaging Techniques

| | |
|----------------|--|
| Pre-requisites | CSB033 and CSB034 and CSB044. CSB044 can be enrolled in the same teaching period as CSB041 |
| Equivalent s | PCB476 |

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

A full and detailed appreciation of the special procedures and radiographic techniques is essential to the education of medical imaging students. The practical sessions are designed to further develop and maintain positioning skills through role play and taking radiographs of sectional models to become familiar with radiographic appearances. Approaches to imaging for the diversity of population including consideration of culture, age, gender and body habitus.

CSB042 Clinical Radiotherapy 2

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

Experience in clinical departments is vital to developing clinical competence and this unit is designed to build on the experience gained in CSB030 Clinical Radiation Therapy 1 and further develop your clinical and interpersonal skills. This unit aims to provide you with the fundamental skills and experience which will enable you to participate in routine radiation therapy techniques and procedures under supervision. After completion of this unit you should be able to assist with a wide range of clinical

procedures and have developed an action plan in relation to your developmental needs for future clinical units.

CSB043 Radiation Therapy 3

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB030 and CSB032 and CSB035 |
| Equivalent s | CSB048 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit is the third in a series of Radiation Therapy units and builds on the knowledge and skills gained in the previous two units. Oncology and technique are essential components of radiation therapy skills and application of fundamental principles to routine treatment practice. This unit builds on the fundamental theories of Radiation Therapy 2 to concentrate on application of knowledge to practice. Students will need to gain practical skills in order to become competent radiation therapists and this unit provides them with the underpinning theory and practice. This unit is designed to further develop and start to apply the principles of oncology and technique for various anatomical sites.

CSB044 Clinical Radiography 2

| | |
|----------------|---|
| Pre-requisites | CSB033 and CSB041. CSB041 can be enrolled in the same teaching period as CSB044 |
| Equivalent s | PCB459 |
| Credit Points | 12 |
| Campus | Gardens Point |

Units

| | |
|--------------|---|
| Availability | Gardens Point - SEM-1, SEM-2, SUM |
|--------------|---|

This unit will continue to build on your previous clinical placement experience to deal with more complex patient presentations. The aim of this unit is to enable you to continue to develop and consolidate your skills in general radiography and minor procedures, whilst also allowing you to develop skills in computed tomography. This period of clinical experience includes a two (2) week placement within the computed tomography area to enable you to gain clinical experience in routine computed tomography following on from the theory unit undertaken this semester.

CSB045 Treatment Planning 3

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB030 and CSB032 and CSB035 |
| Equivalent s | CSB049 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availability | Gardens Point - SEM-2 |

Treatment planning is an essential component of radiation therapy skills, and understanding of complex 3D planning techniques is essential. This unit builds on the basic planning experience gained in previous units to concentrate on application of more in-depth knowledge to complex 3D planning practice. In order to further prepare for clinical planning, a range of challenging plans will be completed using full 3D data sets and 3D planning techniques. This will

consolidate understanding of advanced planning concepts and pave the way for progression to more advanced planning techniques in Year 3. Students will need to gain high levels of plan evaluation skills in order to become a competent treatment planner and this unit provides them with the opportunity to further develop plan evaluation skills.

CSB046 Complementary Imaging Techniques

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB012 or PCB178 |
| Equivalent s | PCB477 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availability | Gardens Point - SEM-1 |

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

CSB047 Clinical Radiation Therapy 2

| | |
|----------------|------------------------------|
| Pre-requisites | CSB038 and CSB039 and CSB090 |
| Equivalent | CSB042 |

| | |
|---------------|---------------------------------|
| s | |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availability | Gardens Point - SEM-2 |

Experience in clinical departments is vital to developing clinical competence and this unit is designed to build on the experience gained in CSB038 Clinical Radiation Therapy 1 and further develop your clinical and interpersonal skills. This unit aims to provide you with the fundamental skills and experience which will enable you to participate in routine radiation therapy techniques and procedures under supervision. After completion of this unit you should be able to assist with a wide range of clinical procedures and have developed an action plan in relation to your developmental needs for future clinical units.

CSB048 Radiation Therapy Treatment 2

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB038 and CSB039 and CSB090 |
| Equivalent s | CSB043 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availability | Gardens Point - SEM-2 |

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

components of radiation therapy skills for treatment practice. This unit builds on the fundamental theories of CSB039 Radiation Therapy Treatment 1 and focusses on the application of knowledge to practice. You will need to gain practical skills in order to become competent radiation therapists and this unit provides you with the underpinning theory and practice. This unit is designed to further develop and apply the principles of oncology and technique for various anatomical sites.

CSB049 Radiation Therapy Planning 2

| | |
|-----------------|---|
| Pre-requisites | CSB038 and CSB039 and CSB090 and LQB389 |
| Equivalent s | CSB045 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-2 |

Treatment planning is an essential component of radiation therapy skills, and understanding of complex 3D planning techniques is essential. This unit builds on the planning experience gained in previous units to concentrate on application of more in-depth knowledge to complex 3D planning practice. In order to further prepare you for clinical planning, a range of challenging plans will be completed using full 3D data sets and 3D planning techniques. This will consolidate your understanding of advanced planning concepts and pave the way for

progression to more advanced planning techniques in Year 3. You will need to gain high levels of plan evaluation skills in order to become a competent treatment planner and this unit provides you with the opportunity to further develop plan evaluation skills. This unit aims to provide an in-depth understanding of 3D computer planning and apply it to complex radiation therapy techniques. It also aims to further develop critical appraisal and plan evaluation skills.

CSB050 Professional Practice in Radiation Therapy

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

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

CSB051 Advanced Radiographic Technique 1

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

The unit will provide a theoretical and practical understanding on which to build skills in the evaluation and interpretation of radiographic images and recognition of common

pathological processes. Practical sessions will extend the practical and interpretative skills involved in image interpretation of general radiography.

CSB052 Clinical Radiotherapy 3

| | |
|-----------------|---------------------------------|
| Pre-requisites | CSB042 and CSB043 and CSB045 |
| Equivalent s | CSB091, PCB591-1 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-1 |

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

CSB053 Clinical Radiography 3

| | |
|-----------------|---------------------------------|
| Pre-requisites | CSB041 and CSB044 |
| Co-requisites | CSB046 |
| Anti-requisites | CSB058 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-1 |

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

Units

also assist in the further development of your professionalism and reflective practice.

CSB054 Radiation Therapy 4

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

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

CSB055 Treatment Planning 4

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

This unit builds on the planning experience gained in Treatment Planning 3 to concentrate on application and evaluation of complex techniques and technology. In order to further prepare them for clinical planning, students will have the opportunity to plan complex tumour sites. Students will also gain valuable plan evaluation and critical appraisal skills.

CSB056 Computed Tomography Imaging

| | |
|------|--------|
| Pre- | LQB390 |
|------|--------|

| | |
|----------------|---------------------------------|
| requisites | |
| Equivalent s | PCB681 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

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

CSB058 Clinical Radiography 3

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

This unit offers an opportunity to observe and assist in the performance of advanced imaging techniques and procedures. The extended

period of clinical experience in this semester will enable you to gain experience in new areas in addition to consolidating skills in general radiography and minor procedures, and also assist in the further development of your professionalism and reflective practice.

CSB060 Specialised Radiotherapy Technique

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB054 and CSB055 |
| Equivalent s | CSB069 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit includes a range of specialised radiation therapy techniques and equipment. Including Previous radiation therapy units have provided knowledge and experience with a wide range of treatment techniques encompassing the relatively simple and highly complex procedures and tumour sites. Improvements in new equipment and less common procedures will be outlined to make students aware of these techniques and technologies. This unit aims to stimulate student interest in advanced radiation therapy equipment, techniques and associated treatment procedures, as well as providing them with an overview of current and future avenues of research.

CSB061 Project

| | |
|----------------|--|
| Pre-requisites | CSB041 or PCB476 or CSB043 or PCB397-2 |
|----------------|--|

Units

| | |
|----------------|---------------------------------|
| Equivalent s | PCB672-1 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

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

CSB061 Project

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

The purpose of this unit is to enable you to research a topic within a professionally related area. An introduction to the research process is important preparation for future postgraduate studies. 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 CSB061-1 and CSB061-2). Introductory lectures in research methods and statistics are provided. Semester one will provide you with the knowledge of how research is carried out, and presented. During Semester two you will prepare a report

and poster on your chosen topic.

CSB063 Magnetic Resonance Imaging

| | |
|----------------|--|
| Pre-requisites | LQB390 |
| Equivalent s | PCB682 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

Magnetic Resonance Imaging is a specialised modality within the field of medical radiations. The applications of magnetic resonance imaging have a wide impact on differential diagnoses and subsequent radiographic examinations.

CSB064 Advanced Treatment Planning Topics

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB054 and CSB055 |
| Equivalent s | CSB094 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Previous treatment planning units have provided knowledge and experience with a wide range of planning techniques encompassing the relatively simple and the highly complex procedures and tumour sites. This unit aims to introduce the student to more advanced planning topics and areas of current and future research. Previous work on plan evaluation will be developed to allow application to complex planning scenarios and you will be encouraged to integrate

feedback from previous plan evaluations and support your work with consistent critical appraisal of the evidence base. This unit aims to stimulate your interest in advanced planning technologies as well as providing you with an overview of current and future avenues of research.

CSB065 Advanced Radiation Practice

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

The specialised and technically specific nature of each student's previous program in medical radiations requires a customised approach.

CSB066 Clinical Radiotherapy 4

| | |
|----------------|---|
| Pre-requisites | CSB050 and CSB052 and CSB054 and CSB055 |
| Equivalent s | CSB095 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2, SUM |

Experience in clinical departments is vital to developing clinical competence and this Unit is designed to build on the experience gained in Clinical Radiotherapy 3 to further develop your clinical and interpersonal skills. Continuing commitment to reflective practice will empower

you to move towards autonomous learning. After completion of this Unit you should be able to perform the full range of clinical procedures with minimal supervision and organise your clinical learning in relation to your future personal and professional development. This unit is the final clinical unit in the course, where both academic and clinical learning will be consolidated.

CSB067 Clinical Radiography 4

| | |
|----------------|--|
| Pre-requisites | CSB058 or CSB053 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit will continue to build on previous clinical placements to deal with more complex patients and contexts. The period of clinical experience in this unit will enable you to gain experience in advanced imaging procedures and modalities in addition to consolidating skills in general radiography and minor procedures.

CSB069 Radiation Therapy Treatment 4

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

This unit includes a range of specialised radiation therapy techniques and technology.

Previous radiation therapy units have provided knowledge and experience with a wide range of treatment techniques encompassing a range of procedures and tumour sites. Improvements in new equipment and less common procedures will be outlined to make students aware of these techniques and technologies. This unit aims to stimulate your interest in specialised radiation therapy equipment, techniques and associated treatment procedures, as well as providing you with an overview of current and future avenues of research.

CSB070 Transition to Professional Practice 1

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

This is the first of two transitional capstone units across the final year and requires you to integrate and apply your previously developed knowledge and skills in medical imaging in a clinical context. You will consolidate your professional practice skills in workload management and clinical efficiency particularly in relation to general radiography and minor procedures. As you progress to a reflective ethical practitioner, this unit provides the opportunity for you to operate with an increasing level of intellectual

independence whilst still under supervision.

CSB071 Clinical Radiography 5

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

This unit will continue to build on previous clinical placements to deal with a full range of complex patients and contexts. The period of clinical experience in this unit will enable you to gain experience as a supervised performer in advanced imaging procedures and modalities in addition to consolidating skills in general radiography and minor procedures.

CSB072 Review of Contemporary Clinical Practice

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

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

CSB073 Transitioning to Professional Practice 1

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB069 and CSB094 and CSB095 |
| Credit Points | 24 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This capstone unit focuses on the integration of knowledge, skills and capabilities in real world situations, and professional and workplace readiness for transition to professional practice as a radiation therapist. The unit identifies the legal, ethical, and professional frameworks integral to transitioning professionals. You will combine simulation, planning and treatment skills to ensure the delivery of safe, efficient, high quality radiation therapy services in compliance with relevant legislation. Essential knowledge in radiation therapy is applied to 'real world' tasks to prepare you for transition to unsupervised professional practice as a registered practitioner. Workplace Integrated Learning (WIL) is integral to QUT's approach to learning and teaching. Professional competency requires an appreciation of the role of radiation therapists and capacity for team work and collaboration with a range of health professionals in an interdisciplinary environment. This unit will develop your capacity for reflection and form the basis for lifelong learning in professional practice.

CSB090 Radiation Therapy Planning 1

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

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

CSB091 Clinical Radiation Therapy 3

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

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

CSB092 Radiation Therapy Treatment 3

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

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

CSB093 Radiation Therapy Planning 3

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

This unit builds on the planning experience gained in previous planning units for further application and evaluation of complex planning techniques. In order to prepare you for clinical planning, you will have the opportunity to plan challenging tumour sites utilising clinical planning software. You will also gain valuable plan evaluation and critical appraisal skills.

CSB094 Radiation Therapy Planning 4

| | |
|----------------|-------------------|
| Pre-requisites | CSB092 and CSB093 |
| Equivalent s | CSB064 |
| Credit Points | 12 |
| Campus | Gardens Point |

Units

| | |
|--------------|---------------------------------|
| Availability | Gardens Point - SEM-2 |
|--------------|---------------------------------|

Previous treatment planning units have provided knowledge and experience with a wide range of planning techniques encompassing the relatively simple to highly complex procedures and tumour sites. This unit builds on the planning experience gained in Semester 1, to concentrate on the application of more complex techniques and technology. Previous work on plan evaluation will be developed to allow application to complex planning scenarios and you will be encouraged to integrate feedback from previous plan evaluations and support your work with critical appraisal of the evidence base. This unit aims to stimulate your interest in advanced planning technologies as well as providing you with an overview of current and future avenues of research.

CSB095 Clinical Radiation Therapy 4

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB091 and CSB092 and CSB093 |
| Equivalent | CSB066 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availability | Gardens Point - SEM-2 |

Experience in clinical departments is essential in developing clinical competence and meeting professional capabilities. This Unit is designed to build on the experience gained in CSB091 Clinical Radiation Therapy 3 to further develop your clinical

and interpersonal skills. After completion of this Unit you should be able to perform the full range of clinical procedures with minimal supervision and organise your clinical learning in relation to your future personal and professional development. This unit is the final clinical radiation therapy unit in the course where both academic and clinical learning will be consolidated. By the completion of this unit all of the clinical achievements will have been met and you will progress to CSB073 Transitioning to Professional Practice I. This unit aims to further develop your skills and experience which will enable you to demonstrate competence in a full range of radiation therapy techniques and procedures with minimal supervision.

CSB111 Foundations of Clinical Practice

| | |
|---------------|---------------------------------------|
| Equivalent | PUB442 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availability | Kelvin Grove - SEM-1, SEM-2 |

Clinical health professionals work in interprofessional teams within the health care system to provide optimal care to individuals and communities. The nature and standards of professional practice are determined by government and professional organisations, and the scope of clinical practice for clinicians evolves in response to community needs. There is a community expectation that clinical health care professionals will be effective

communicators who engage in ethical practice that is continually improved through ongoing reflection. This unit introduces you to the fundamentals of the health care system and the skills necessary to practise as a health professional. The foundation knowledge and skills you learn in this unit will be further developed throughout your clinical programs of study. The ability to communicate, reflect, and evaluate aspects of clinical practice are important aspects of your future studies.

CSB330 Foundations of Paramedic Practice 1

| | |
|---------------|--------------------------------|
| Equivalent | PUB180 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availability | Kelvin Grove - SEM-1 |

This unit is an introduction to paramedic practice and the role of paramedics within the patient's continuum of care. This unit introduces you to systematic patient assessment, clinical skills in basic life support and a selection of equipment used by paramedics. The knowledge and skills learnt in this unit are essential to prepare you for your first clinical practice unit at the end of the year.

CSB331 Paramedic Clinical Practice 1

| | |
|----------------|---|
| Pre-requisites | (LSB282 or LQB185 or LQB281) and (CSB332 or PUB280) |
| Equivalent | PUB270 |

Units

| | |
|----------------|------------------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SUM |

This unit is in the developmental stage of your course and builds on the work you learned in CSB330 and CSB332. This unit provides you with opportunities to build practice and provide evidence of your development as a clinician in a supervised environment. Additionally it is fundamental to this course that you are exposed to an appropriate case load of suitable patients in the out of hospital phase. This unit is the first in a series of three that provide the work integrated learning experience. Over a six week period, you will be required to complete approximately 240 hours of placement to be conducted externally through the Queensland Ambulance Service.

CSB332 Foundations of Paramedic Practice 2

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

This is the second of three Foundations of Paramedic Practice units. This unit further develops your core clinical skills and your expertise in the use of ambulance equipment. It is a foundation Paramedic Science unit

addressing the core clinical competencies, equipment, and practices of paramedicine. It introduces extended clinical concepts from CSB330, and introduces additional paramedic equipment for treatment and transfer of patients. The ability to assess, plan and implement care, and review and refine your clinical decision making as well as treat and transport your patient is a requirement of a graduate paramedic. This is an introductory unit, and relevant to paramedic and paramedic/nursing degrees. This unit will give you the necessary knowledge and skills to commence your transition to being a functional member of an ambulance crew in a supervised setting. This transition will take place in your first clinical practice unit, CSB331. CSB333 builds on CSB332 by extending your clinical skills and decision making for more complex patient needs.

CSB333 Foundations of Paramedic Practice 3

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

The ability to perform as a paramedic is underpinned by the need to establish core clinical skills in relation to the breadth of health issues

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

CSB335 Paramedic Management of Cardiac, Respiratory and Neuro Emergencies

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

This unit is a first in a series of two paramedic management units that cover some of the most common medical and surgical emergencies seen in ambulance practice. The unit focus is on the development of your clinical skills for the

management of patients suffering cardiovascular, respiratory and neurological emergencies. Additionally, to better prepare students for international placements and employment opportunities, an overview of cardiovascular, respiratory and neurovascular advanced life support (ALS) knowledge will be provided and student discussions regarding the ALS content is promoted through a collaborative learning platform. This unit synthesises your application of knowledge and clinical reasoning skills that underpin the management of such patients whilst providing a solid grounding in paramedic practice.

CSB336 Paramedic Management of Medical and Surgical Emergencies

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

As a paramedic you will be required to manage patients with acute and life threatening diseases. This unit covers many of the medical and surgical emergencies seen in ambulance practice, such as genitourinary, gastrointestinal, metabolic, endocrine, haematological, musculoskeletal, toxicological, toxinological, infectious disease and palliative emergencies. In the early phases of your clinical experience it is important that

you engage in these clinical problems to develop your patient care abilities and prepare yourself to practise as a Registered Paramedic.

CSB337 Paramedic Management of Trauma and Environmental Emergencies

| | |
|----------------|--------------------------------|
| Pre-requisites | CSB333 or PUB383 or PUB390 |
| Equivalent s | PUB453 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This 2nd Year unit builds on the foundations of paramedic practice learned in previous paramedic units and focuses on the management of trauma and environmental emergencies. This unit is designed to extend your knowledge of the key principles underpinning paramedicine and develop your cognitive skills to critically apply judgement and creativity in the management of people suffering a traumatic injury or environmental emergency. The specialised care of vulnerable populations such as geriatric and paediatric patients in the context of traumatic and environmental emergencies is also discussed. Additionally, this unit places a strong emphasis on the acquisition of contemporary clinical skills required in the management of high-acuity cases in the pre-hospital phase including; traumatic cardiac arrests, penetrating trauma due to ballistics and edged weapons, torrential haemorrhage, burns

and various environmental exposures such as temperature and pressure (diving) extremes.

CSB338 Ethics and the Law in Health Service Delivery

| | |
|----------------|---|
| Equivalent s | PUB486 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

Paramedics are confronted by situations that have ethical and legal implications. Introducing ethical and legal awareness appropriate for the professional development of health professionals governed by regulation will support graduates. There is increased public awareness of the legal and human rights of patients in respect of ambulance and hospital care. Law Reform Commissions have spent time and resources considering the relationship between healthcare, ethics, and law. It is therefore necessary for registered health professionals to apply ethical decision making, while at the same time, understanding the implications of actions. The unit will help you resolve dilemmas using ethical and legal frameworks. It will provide you with the ability to access and understand information in relation to professional practise, policy, principles, legislation, conduct and standards.

CSB339 Paramedic Management of Lifespan Emergencies

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

This unit focuses on clinical management skills and underpinning knowledge of patients with normal and emergency obstetric presentations and a broad range of emergent and life threatening paediatric clinical problems. Building on other paramedic clinical subjects, the unit of the medical, social and environmental needs relevant to the management of the elderly patient will be explored. You will further develop your clinical reasoning skills underpinning the management of these groups of patients through inquiry-based learning to ensure the delivery of compassionate evidence-based care.

CSB340 Major Incident Management

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

As ambulance paramedics you may be required to deal with emergency situations involving large numbers of patients

and/or in the setting of complex health emergencies. These events can be challenging and difficult to manage. This unit will give you underpinning knowledge and skills to apply a context-responsive health and social care needs assessment and the clinical actions to manage these incidents.

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

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

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

CSB342 Paramedic Clinical Practice 2

| | |
|----------------|--|
| Pre-requisites | (CSB331 or PUB270) and (CSB340 or PUB567 or PUB555). CSB340 can be studied in the same |
|----------------|--|

| | |
|----------------|--------------------------------|
| | teaching period as CSB342 |
| Equivalent s | PUB532 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

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

CSB343 Paramedic Clinical Practice 3

| | |
|----------------|--------------------------------|
| Pre-requisites | CSB342 or PUB532 or PUB470 |
| Equivalent s | PUB673 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit is the third in a series of supervised clinical practice

units designed to further develop your knowledge, skills and application of paramedic practice. At this stage of your degree you have now been exposed to the core content of the course. This unit synthesises your application of knowledge and clinical skills of safe patient care to a level where you can confidently take the lead when managing more complex clinical presentations as a novice practitioner. Over a six week period, you will be required to complete approximately 240 hours of placement to be conducted externally through the Queensland Ambulance Service. During this clinical placement your mentor will be expecting more leadership and evidence-based decision making from you as you consolidate your personal and professional readiness for practice as a patient care officer in a supervised student capacity, with a view to preparing you for the transition to being a Registered Paramedic after graduation.

CSB346 Transition to Professional Paramedic Practice (Capstone)

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

This unit consolidates

knowledge, skills and attributes required for safe, competent and professional practice as a beginning level Registered Paramedic. It integrates and synthesizes previous clinical and scientific support units, drawing upon concepts, principles and theories developed through your studies to promote effective practice and patient care. While you will commence your role as a Registered Paramedic, your level of expertise is at the beginner practitioner level. The capstone unit focuses on the development and demonstration of professional skills such as critical reflection necessary for paramedicine and highlights the importance of continuing professional development. As a professional practitioner you will develop evidence based knowledge and implement reflective processes to improve the quality of patient care. These strategies and processes are necessary for the transition into the workplace. The unit is delivered concurrently with the final clinical placement.

CSB420 Introduction to Pharmacy Practice

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

This foundational pharmacy practice unit will introduce the knowledge and skills related to

the legal responsibilities and cognitive activities of a pharmacist. This can include dispensing prescriptions, differential diagnosis of primary health conditions and scope of practice, selecting medications and counselling on their use, and basic business management. A particular emphasis of this unit will be to provide a foundation for practical knowledge, skills and application of knowledge and skills related to pharmacy practice. This will enhance students' experiential placement experience, and prepare students for more complex patient needs, which will commence in the second year of the pharmacy course.

CSB421 Chemistry for Medicines

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

Molecular Basis of Therapeutics is a first year unit that introduces the biochemistry of medicines, drugs and other therapeutic goods and their interaction with target biomolecules. Specifically, the unit will establish the interaction between the molecular, chemical and physical properties of drugs and therapeutic agents and how these properties affect their actions and interactions in living systems.

CSB430 Pharmacy Practice 1

Pre- CSB420 and CSB433.

Units

| | |
|----------------|---|
| requisites | CSB433 can be studied in the same teaching period as CSB430 |
| Equivalent s | SCB308 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

CSB431 | Pharmacist

| | |
|----------------|---|
| Pre-requisites | CSB111. CSB111 can be studied in the same teaching period as CSB431 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit introduces the World Health Organisation (WHO) concept of the 8-star pharmacist, and the skills, attributes and competencies required to fulfil the responsibilities of a pharmacist, and the continuously evolving role of the profession in the improvement or maintenance of a patient's quality of life.

CSB432 Molecules to Medicines

| | |
|----------------|--|
| Pre-requisites | CSB421 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

Following on from CSB421, this unit builds upon the concepts of medicinal chemistry, pharmacokinetics, drug design, dosage form design and metabolism of pharmacological compounds. The unit explores the sources and properties of drugs which form the biologically active and therapeutic components of

medicines. This unit will enhance your understanding of the chemistry of medicines, and the biology of cells and receptors to provide a context for the therapeutic use of medicines. This unit will follow a molecule's journey from discovery, design and development processes through the phases of clinical trials to regulation and approval as a medicine.

CSB433 Pharmaceutical Chemistry and Pharmacology 1

| | |
|----------------|---------------------------------|
| Pre-requisites | LQB182 and CVB101 |
| Equivalent s | SCB338 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

CSB440 Pharmacy Practice 2

| | |
|----------------|--|
| Pre-requisites | CSB430 and CSB433. CSB433 can be studied in the same teaching period as CSB440 |
| Equivalent s | SCB408 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit extends students' knowledge of pharmacy practice in the areas of dispensing and counselling for medicines in selected cardiovascular and respiratory conditions, smoking cessation, topical inflammatory diseases, contraception and thyroid disorders. This unit will introduce students to patient non-adherence, problem identification and effective

strategies to overcome these obstacles to health management through effective patient communication. Building on previous learning, this unit will extend students' knowledge of the use of pharmaceutical databases to support clinical decision making and quality use of medicines (QUM). Practical experience will be gained by the students via experiential placements in community pharmacy. Additionally, this unit will facilitate the mastery in the proper use of a wide range of advanced pharmaceutical calculations, and preparation of extemporaneous pharmaceutical preparations.

CSB441 Quality Use of Medicines

| | |
|----------------|--|
| Pre-requisites | CSB431 and CSB420. CSB420 can be studied in the same teaching period as CSB441 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Pharmacists have the responsibility to protect consumers from harm by managing and responding to the risk inherent in medication management systems. This unit explores the role and responsibilities of the pharmacist as the medicines expert through knowledge and application of skills related to the safe, efficacious, appropriate, and judicious use of medicinal products. Different patient populations will be introduced, building on conditions and therapies

Units

introduced in CSB420 Introduction to Pharmacy Practice, and skills from CSB431 I Pharmacist. This unit will also develop your understanding of your role as an effective pharmacist through experiential learning over a one week period.

CSB444 Molecular Basis of Medicines

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB432 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit is designed to allow students to explore how biologically active molecules affect the body and how the body interacts with these molecules. This consists of target-oriented molecular design of drugs, drug design using molecular modelling, and structure-activity-relationships to examine drug-receptor, drug-enzyme and drug-drug interactions. This unit builds on knowledge from CSB432 to emphasise applied chemistry skills relating the structure of molecules to biological activity, pharmacokinetics, pharmacogenomics and drug analysis. This will provide students with a strong foundation for future integrated units in pharmaceuticals and pharmacotherapeutics.

CSB445 Patient centred care: Musculoskeletal Dermatological and Special Senses

| | |
|----------------|---|
| Pre-requisites | CSB441. CSB441 can be studied in the same teaching period as CSB445 |
|----------------|---|

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|----------------|---------------------------------|
| Co-requisites | CSB446 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit builds on previous units studied to further develop knowledge and skills within the National Competency Standards Framework for Pharmacists in Australia, and the World Health Organisation's concept of the 8 star pharmacist. This unit aims to provide and apply advanced knowledge of musculoskeletal conditions, dermatology, and special senses within the following learning domains:

- Health care consumer
- Medicines: drug action, drug substance, and the medicinal product
- Healthcare systems and roles of professionals
- The wider context

These skills will be developed in the musculoskeletal, dermatological, and special senses context, a priority area that is a significant contributor to the burden of illness and/or injury in Australia. Through an inquiry based learning approach, students will participate in the interpretation, application and dissemination of pharmaceutical and pharmaco-therapeutic concepts and knowledge.

CSB446 Patient centred care: Gastrointestinal

| | |
|---------------|---------------|
| Co-requisites | CSB445 |
| Credit Points | 12 |
| Campus | Gardens Point |

| | |
|----------------|---------------------------------|
| Availabilities | Gardens Point - SEM-2 |
|----------------|---------------------------------|

This unit builds on previous units studied to further develop knowledge and skills within the Framework of the National Competency Standards for Pharmacists in Australia, and the World Health Organisation (WHO) concept of the 8 star pharmacist. The unit aims to provide and apply advanced knowledge of the gastrointestinal system within the following learning domains:

- Health care consumer
- Medicines: drug action, drug substance, and the medicinal product
- Healthcare systems and roles of professionals
- The wider context

These skills will be developed in the gastrointestinal context, a priority area that is a significant contributor to the burden of illness and/or injury in Australia. Through an inquiry based learning approach, students will participate in the interpretation, application and dissemination of pharmaceutical and pharmacotherapeutic concepts and knowledge.

CSB450 Pharmacy Practice 3

| | |
|----------------|--|
| Pre-requisites | CSB440 and CSB453. CSB453 can be studied in the same teaching period as CSB450 |
| Equivalent s | SCB508 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit will focus on the professional interaction of pharmacists with patients

suffering from endocrine diseases, in particular diabetes, a variety of central nervous system (CNS) disorders including epilepsy, insomnia, anxiety and depression, Alzheimer's and Parkinson's disease, addiction and patients experiencing strong and debilitating pain from other disease states. Additionally, you will learn how to interact with patients withdrawing from drugs of addiction and the quality use of the both pharmacological and non-pharmacological therapies available for their treatment. This unit will also provide you with further knowledge and skills in the preparation of extemporaneous pharmaceutical preparations in common demand in today's health care environment.

CSB451 Patient centred care: Cardiovascular

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB446 |
| Co-requisites | CSB454 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit of study will integrate the clinical therapeutics of the cardiovascular system including the pharmacology, pharmaco-economics, pharmaceuticals, pharmacy practice and management considerations that underpin such drug therapies. Through a problem-based learning approach, students will develop skills in interpretation and application of pharmaceutical

and pharmaco-therapeutic concepts. Inter-professional communication and the application of your developing specialist knowledge to the implementation of clinical interventions and/or medication management review will also be explored.

CSB452 Pharmaceutics 1

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB442 |
| Equivalent s | SCB528 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit is designed to provide knowledge relating to the physical and chemical properties of the components of pharmaceutical formulations. The formulation of drugs has a large influence on the route of administration, the onset and duration of action and the pharmacokinetic parameters that govern the drugs activity in the human body. This course will introduce you to the basic concepts and theories of pharmaceutical formulation and compounding with a focus on liquid and semi-solid dosage forms.

CSB453 Pharmacology 3

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB443 |
| Equivalent s | SCB538 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

A detailed knowledge of the

pharmacology of drugs is essential for pharmacists to understand the therapeutic applications of pharmaceutical compounds and their concomitant adverse effects. This unit provides an extension of this knowledge and covers the drug classes that act on the central nervous system, endocrine system, anticancer drugs, drugs of abuse and pharmacotherapies for withdrawal syndromes.

CSB454 Patient centred care: Respiratory

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB446 |
| Co-requisites | CSB451 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit of study will integrate the clinical therapeutics of the respiratory system including the pharmacology, pharmaco-economics, pharmaceuticals, pharmacy practice and management considerations that underpin such drug therapies. Through a problem-based learning approach, students will develop skills in interpretation and application of pharmaceutical and pharmaco-therapeutic concepts. Inter-professional communication and the application of your developing specialist knowledge to the implementation of clinical interventions and/or medication management review will also be explored.

CSB455 Patient centred care: Endocrine, Diabetes, Reproductive

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB445 |
| Co-requisites | CSB456 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit of study will integrate the clinical therapeutics of the endocrine, diabetes and reproductive system including the pharmacology, pharmacoeconomics, pharmaceuticals, pharmacy practice and management considerations that underpin such drug therapies. Through a problem-based learning approach, students will develop skills in interpretation and application of pharmaceutical and pharmacotherapeutic concepts. Inter-professional communication and the application of your developing specialist knowledge to the implementation of clinical interventions and/or medication management review will also be explored.

CSB456 Patient centred care: Oncology and Immunology

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB445 |
| Co-requisites | CSB455 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit of study will integrate the clinical therapeutics of oncology and immunology including the pharmacology,

pharmaco-economics, pharmaceuticals, pharmacy practice and management considerations that underpin such drug therapies. Through a problem-based learning approach, students will develop skills in interpretation and application of pharmaceutical and pharmacotherapeutic concepts. Inter-professional communication and the application of your developing specialist knowledge to the implementation of clinical interventions and/or medication management review will also be explored.

CSB460 Pharmacy Practice 4

| | |
|----------------|--|
| Pre-requisites | CSB450 and CSB463. CSB463 can be studied in the same teaching period as CSB460 |
| Equivalent s | SCB608 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

The dispensing of scheduled 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 including antimicrobial and antiviral pharmacotherapies. In addition, this unit will provide expertise in wound care to enable students to assess

wounds and recommend appropriate treatment in the community.

CSB461 Pharmacogenomics and Drug Metabolism

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB453 |
| Equivalent s | SCB638 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

The effects of drugs in patients are determined in part by drug metabolizing enzymes. In addition, the ability of an enzyme to metabolize a drug is determined by genetic variability. A detailed understanding of these factors is necessary for pharmacists to understand drug selection, the biological fate of a drug following administration, the appropriate route of administration, the occurrence of adverse effects and the final effect of a drug. This unit will describe the biochemistry of drug metabolism and genetic factors (pharmacogenomics) that affect drug metabolism and variability of drug effects. The field of pharmacogenomics, is becoming increasingly important for understanding the contribution of the patient's genetic composition to drug effects. A greater understanding of the genetic composition of patients and pharmacogenomics could lead to the better use of drugs.

CSB463 Pharmacotherapeutics

1

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB453 |
| Equivalent s | SCB648 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

The dispensing and counselling of pharmacotherapies for infectious diseases requires an advanced knowledge, understanding and skills relevant to infectious disease diagnosis, the mechanism of action of pharmacotherapies, public health microbiology, sterility testing, regulation and quality assurance. Building upon the content and skills acquired in LQB301, this unit will converge your knowledge of the appropriate therapeutic use of drugs in the treatment of infectious diseases following a review of their pathophysiologic basis. Additionally, problem solving of clinical scenarios will synthesise your knowledge and critical thinking skills in the quality use of medicines for these pharmacotherapies. This unit also provides insight into the preparation and evaluation of meta-analyses used to review and analyse clinical trials.

CSB464 Patient centred care: Neurology

| | |
|----------------|-------------------|
| Pre-requisites | CSB451 and CSB455 |
| Co-requisites | CSB465 |
| Credit Points | 12 |
| Campus | Gardens Point |

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|----------------|---------------------------------|
| Availabilities | Gardens Point - SEM-2 |
|----------------|---------------------------------|

This unit builds on previous units studied to further develop knowledge and skills within the Framework of the National Competency Standards for Pharmacists in Australia, and the World Health

Organisation's concept of the 8 star pharmacist. This unit aims to provide and apply advanced knowledge of neurology, within the following learning domains: Health care consumer Medicines: drug action, drug substance, and the medicinal product Healthcare systems and roles of professionals The wider context These skills will be developed in the neurology context, a priority area that is a significant contributor to the burden of illness and/or injury in Australia. Through an inquiry based learning approach, students will participate in the interpretation, application and dissemination of pharmaceutical and pharmacotherapeutic concepts and knowledge.

CSB465 Patient centred care: Mental Health

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB454 and CSB456 |
| Co-requisites | CSB464 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit builds on previous units studied to further develop knowledge and skills within the Framework of the National Competency Standards for Pharmacists in Australia, and

the World Health Organisation's concept of the 8 star pharmacist. This unit aims to provide and apply advanced knowledge of mental health, within the following learning domains: Health care consumer Medicines: drug action, drug substance, and the medicinal product Healthcare systems and roles of professionals The wider context These skills will be developed in the mental health context, a priority area that is a significant contributor to the burden of illness and/or injury in Australia. Through an inquiry based learning approach, you will participate in the interpretation, application and dissemination of pharmaceutical and pharmacotherapeutic concepts and knowledge. This unit will also develop your understanding of your role as an effective pharmacist through experiential learning over a two week period.

CSB470 Pharmacy Practice 5

| | |
|----------------|--|
| Pre-requisites | CSB460 and CSB473. CSB473 can be studied in the same teaching period as CSB470 |
| Equivalent s | SCB708 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

The pharmacy practice units in the 4th year of the B Pharmacy course will provide both advanced and updated information on the dispensing and counselling of drugs using case based clinical scenarios.

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 and other health professionals.

CSB473 Pharmacotherapeutics 2

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB463 |
| Equivalent s | SCB748 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

A number of factors must be considered before a decision concerning the appropriate drug is prescribed and dispensed to patients. This unit will provide a pathophysiological approach to the identification of cardiovascular, respiratory, renal, and endocrine disorders. Students will be instructed on the factors that determine the correct choice of therapeutic drug and the dosing regimen including drug toxicity, pharmacokinetics and pharmacodynamic consideration for the individual patient, drug-drug interactions and pharmacoeconomics considerations.

CSB475 Pharmacy Management 1

| | |
|---------------|--------|
| Equivalent s | SCB758 |
| Credit Points | 12 |

| | |
|----------------|---------------------------------|
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

In addition to their role as allied health care providers, pharmacists are often required to assist in the management of their workplace which consists of supervision and administration of a diverse staff roster, stock inventory and marketing strategies. This unit will provide knowledge and skills in the areas of business strategy, financial management, marketing, inventory management and category management. This knowledge is necessary for managers of community pharmacies or hospital pharmacy departments to be able to make informed business decisions.

CSB476 Professional Placements 1

| | |
|----------------|--|
| Pre-requisites | CSB470. CSB470 can be studied in the same teaching period as CSB476. |
| Equivalent s | SCB768 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

The role of a contemporary pharmacist in providing healthcare products and advice consists of diverse range of skills and abilities in the preparation of pharmaceutical preparations, the dispensing of medications, counselling of patients and their families in their correct use and performing medication reviews. To assist students in developing expertise in these

areas, this unit will provide real world experience through a long-term continuous placement in a community or hospital environment under the supervision of qualified preceptor. These placements will consist of a five (5) week block that will commence in the second half of the semester and assessment will consist of the documented completion of a assignments and experiential log book.

CSB480 Pharmacy Practice 6

| | |
|----------------|--|
| Pre-requisites | CSB470 and CSB483. CSB483 can be studied in the same teaching period as CSB480 |
| Equivalent s | SCB808 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

The pharmacy practice units in the fourth year of the Bachelor of Pharmacy course will provide both advanced and updated information on the dispensing and counselling of drugs using case based clinical scenarios. Through a series of case based problems and scenarios that will involve a diverse range of diseases and disorders, and aspects of pharmaceutical care, the students will gain experience in the skills required to dispense medication and effectively communicate drug knowledge to patients whilst upholding the principles of Quality Use of Medicines (QUM), and an understanding of the provision of primary health care in the Australian Health system.

CSB483 Pharmacotherapeutics**3**

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB473 |
| Equivalent s | SCB848 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

A number of factors must be considered before a decision is made regarding the appropriateness of a drug to be prescribed and dispensed to a patient. This unit is the 3rd and final pharmacotherapeutics unit in your pharmacy course and will provide you with an opportunity to build upon work that you have learned in previous pharmacotherapeutic units (CSB463 and CSB473) as well as affording you the opportunity to continue developing your problem-solving skills. CSB483 is also horizontally integrated with CSB480 Pharmacy Practice 6 and supports practise principles that are discussed within that unit. CSB483 will focus on the pathophysiology of neurological, oncological and renal disorders and you will be instructed on factors that determine the correct choice of therapeutic drug as well as providing an understanding of the pharmacology of these medications.

CSB485 Pharmacy Management**2**

| | |
|----------------|--------|
| Pre-requisites | CSB475 |
| Equivalent s | SCB858 |

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

This unit builds upon the knowledge of pharmacy business management topics attained in CSB475 (Pharmacy Management I) and introduces 'soft' business skills such as leadership and emotional intelligence, having difficult conversations with work colleagues or staff and handling conflict, and managing a team through a change process. Students develop their skills in managing people.

CSB486 Professional Placements 2

| | |
|----------------|---|
| Pre-requisites | CSB476 and CSB480. CSB480 can be studied in the same teaching period as CSB486. |
| Equivalent s | SCB868 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit is designed to extend the students experiential skills in working in either a community of hospital pharmacy environment. The design and timetabling of the unit is similar to CSB476 Professional Placements 1, but the emphasis will focus less on the dispensing and counselling and more on developing and applying evidence-based practice and QUM research of further drug classes. These placements will consist of a four (4) week block consisting of 5 working days that will

commence in the 2nd half of the semester and assessment will consist of the documented completion of a QUM research projected with a written and oral report and submission of an experiential reflective journal. This is a capstone unit/experience which provides a culminating learning experience occurring in the final year of a course that brings reflection and focus to the whole course experience whilst, at the same time, leading students to transition into new professional pathways and/or post-graduate study.

CSB487 Clinical Skills

| | |
|----------------|---------------------------------|
| Pre-requisites | CSH471 |
| Co-requisites | CSH481 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

The effective delivery of healthcare services depends on the pharmacist working in partnership with patients to ensure recommended treatments and strategies meet clinical needs, are practical, and consistent with patient preferences. The delivery of healthcare services by pharmacists are important for enhancing patient access to needed care. This is of particular importance to patients who experience difficulties in accessing the health services that they need. It is therefore imperative for the pharmacy profession to build capacity for contribution in this area, in light of the evolving

role of the pharmacist. This capstone unit focuses on your competency to practice, and develops the required clinical and practical skills such as administering vaccination in a supervised experiential learning environment.

CSB520 Disease Processes

| | |
|-----------------|--|
| Anti-requisites | LSB321, LSB361, LSB367 |
| Equivalent s | LSB475 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit will provide you with a sound base knowledge of general cellular pathology, which includes cellular stress, cellular adaptation, cell death, neoplasia, inflammation, repair and immunity before applying this knowledge to the major systems of the body in order to understand the causes, pathogenesis and treatment underlying the common acute and chronic diseases prevalent in Australia. This unit will illustrate the multidisciplinary nature of modern healthcare and provide you with the knowledge and skills that are required for your subsequent clinical studies.

CSB521 Podiatric Medicine 1

| | |
|----------------|--------------------------------|
| Pre-requisites | LSB235 and LSB250 |
| Equivalent s | PUB339 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Professional practice as a podiatrist requires the integration of a wide range of knowledge, skills and personal attributes in the clinical setting. This unit introduces you to the clinical, theoretical and professional domains of podiatric practice. Students in this unit begin the transition to the unique and challenging role of clinician, as well as continuing academic learning. The application of prior knowledge e.g. anatomy, physiology and the acquisition of new knowledge, are encouraged through a case-based approach. Principles of evidence-based practice are introduced in a podiatric context.

CSB522 Podiatric Medicine 2

| | |
|----------------|--|
| Pre-requisites | (CSB521 or PUB339) and (CSB520 or LSB475) and CSB523 |
| Equivalent s | PUB439 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit builds on the foundational knowledge and clinical skills acquired in Podiatric Medicine 1 and enables you to consolidate your skills and begin to effectively manage patients under staff supervision. Your clinical decisions will be informed by physical and diagnostic examinations conducted within the framework of technological, ethical, financial and legal considerations and an evidence-based context. You

will demonstrate clinical competencies at an introductory level and commensurate with national podiatry competency standards, professional guidelines and codes of conduct. Concepts in clinical biomechanics, foot disease and common foot conditions in adults are introduced and the content has been developed to enable you to integrate information from other units. You will increase your proficiency in examining and treating patients who have common foot conditions and continue to increase your awareness of the role of the podiatry profession in the community.

CSB523 Podiatric Clinical Gait Analysis

| | |
|----------------|--------------------------------|
| Pre-requisites | LSB235 |
| Equivalent s | PUB362 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

The evidence provided by gait analysis technology is quantitative and facilitates sound clinical decision making. In order to select appropriate interventions it is necessary to evaluate gait and determine the musculoskeletal and neurological factors which influence lower limb disorders. The process of data collection, data selection and case evaluation in gait analysis is therefore fundamental and underpins the greater part of podiatry practice. It is important

that these skills are acquired early in the course.

CSB525 Podiatric Medicine and Clinical Practice

| | |
|----------------|--------------------------------|
| Equivalent s | PUB442 |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Podiatric Medicine and Clinical Practice has been specifically designed for students entering the graduate entry podiatry course who have completed a prior degree in a health-related field. The unit introduces the knowledge and clinical skills required for podiatry students who are commencing patient management at the QUT Podiatry clinic. This unit involves clinical placement which requires you to have completed vaccinations for preventable diseases. You must also provide the related serology results. It is a 24 credit point unit equivalent to half of a full-time study workload. You will acquire foundational knowledge and skills in the areas of biomedical science (microbiology and lower limb anatomy), podiatric clinical biomechanics and gait analysis, podiatric medicine and podiatric clinical practice. The unit develops the application of your knowledge and skills in these areas to enable your transition into the third year of the Bachelor of Podiatry the following semester.

CSB530 Pharmacotherapeutics for Podiatrists

| | |
|----------------|---------------------------------|
| Pre-requisites | LSB384 or PUB437 or CSB601 |
| Equivalent s | LSB584 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

There is a national movement toward podiatrists seeking and obtaining endorsement for the use of scheduled medicines in the treatment of patients with foot problems. This unit provides a theoretical background for practitioners who wish to use of these medicines as part of their clinical practice.

CSB531 Radiographic Image Interpretation

| | |
|----------------|---|
| Pre-requisites | CSB521 or CSB522 or CSB525 or PUB439 or PUB442. CSB521 or CSB525 can be studied in the same teaching period as CSB531 |
| Equivalent s | PUB537 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

In this unit you will integrate the theory of medical imaging with podiatry practice at a level corresponding to third and fourth year clinical exposure in preparation for entry to the work place. Diagnostic imaging is an integral part of contemporary podiatry practice. As a registered podiatry practitioner you are legally entitled to refer for x-rays, sonography and magnetic resonance imaging for

diagnostic purposes. The knowledge and skills covered in this unit are applied in various clinical settings on a regular basis. This unit is positioned in the course so that it can be studied in association with pathology and medicine. These subjects are closely interconnected in the clinical setting. The unit helps to prepare you for the forthcoming challenges of complex case management which will be encountered in fourth year clinical sessions.

CSB532 Medicine

| | |
|----------------|--------------------------------------|
| Pre-requisites | CSB522 or CSB525 or PUB439 or PUB442 |
| Co-requisites | CSB530 |
| Equivalent s | PUB438 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Many of the patients treated by podiatrists present with co-morbidity which affects their foot health. This unit is designed to give practitioners insight into medical conditions, their effects on both general and foot health, and an understanding of how appropriate foot care may be delivered with these factors in mind.

CSB533 Podiatric Medicine 3

| | |
|----------------|--------------------------------------|
| Pre-requisites | CSB522 or CSB525 or PUB439 or PUB442 |
| Equivalent s | PUB539 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove |

The key elements of the National Podiatry Competency Standards which focus on the physical examination and diagnosis of foot pathology of a biomechanical nature will be the guiding principles underpinning this unit. The unit allows you to further develop clinical practice skills by integrating content from other units such as Pharmacotherapeutics for Podiatrists, Disease Processes, Medicine, and Podiatric Radiology.

CSB536 Clinical Therapeutics for Podiatrists

| | |
|-----------------|--------------------------------|
| Pre-requisites | CSB532 and (CSB530 or LSB584) |
| Co-requisites | CSH534 |
| Equivalent s | PUB662 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-2 |

Clinical Therapeutics for Podiatrists builds on foundational studies in physiology, disease processes, medicine, podiatric medicine, pharmacology and pharmacotherapeutics. This unit recognises the need to equip you for the changing role of the podiatrist in managing patients' health by prescribing medicines. You will develop the theoretical and practical knowledge and skills necessary to safely prescribe and/or administer medications and restricted substances for treatment of podiatric conditions. You will collaborate

with members of the health care team (pharmacists and medical practitioners) with reference to appropriate information resources. Podiatrists make complex clinical decisions that require the practitioner to consider legal, ethical, pharmacological, medical and patient factors as they determine the most efficacious therapeutic approaches to treatment. This unit provides a basis to acquire the practical skills to complete this task.

CSB538 Sports Medicine and Rehabilitation

| | |
|-----------------|---------------------------------|
| Pre-requisites | (CSB522 and CSB531) or (CSB525) |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-1 |

Podiatrists encounter patients with a wide range of musculoskeletal problems. This unit provides you with a theoretical and practical background in the diagnosis and management of orthopaedic and sports related injuries. The unit also concentrates on the principals of injury management using the correct rehabilitative and physical therapy methods.

CSB539 Podiatric Anaesthesiology and Surgery

| | |
|-----------------|--------------------------------|
| Pre-requisites | CSB530 and CSB532 and CSB533 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-2 |

This unit is designed to provide

you with the knowledge and skills associated with the safe administration of local anaesthetics and performance of minor surgical techniques. You will conduct client interviews and collect information relevant to both the health of the patient and their consent for the clinical procedure. You will also learn about the need, when appropriate, for additional examinations, tests and referrals to be initiated. Sterilisation standards at a national/international level will be implemented as part of your clinical experience. This unit provides you with the background knowledge and skills to implement podiatric surgical techniques and the correct packaging and sterilisation of surgical instrumentation. You will develop a level of competency commensurate with the safe use of local anaesthetics in clinical practice and the implementation of surgical skills and techniques. On completion, you should understand the principles of relevant surgical protocols.

CSB541 Professional Placement 1

| | |
|-----------------|---|
| Pre-requisites | CSH545 or PUB739. CSH545 can be studied in the same teaching period as CSB541 |
| Equivalent s | PUB738 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-1 |

CSB542 Professional Placement 2

| | |
|----------------|--------------------------------|
| Pre-requisites | CSB541 and (CSB545 or CSH545) |
| Equivalent s | PUB838 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Professional Placement 2 will build upon and broaden your clinical experience through exposure to a variety of Workplace Integrated Learning environments, while consolidating knowledge and skills acquired across the course. An appreciation of social determinants of health, foot health needs in the community, and the professional role and responsibilities of podiatrists in the community will be explored. You will experience team work and collaboration with a range of health professionals in an interdisciplinary environment. This unit will develop your capacity for reflection and form the basis for lifelong learning in professional practice, while consolidating knowledge and skills acquired across the course. This final semester unit is designed to prepare you for entry into the workplace upon graduation as a registered health professional.

CSB544 Transition to the Clinical Profession

| | |
|----------------|------------------|
| Pre-requisites | CSB545 or CSH545 |
| Equivalent s | PUB862 |
| Credit Points | 12 |

| | |
|----------------|--------------------------------|
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This final year unit identifies the legal, ethical, financial and professional frameworks that guide practice management in the public and private health sectors. As pre-professionals, you will combine administrative and organisational skills to ensure the delivery of safe, effective, efficient, high quality health services in compliance with relevant laws, policies and guidelines. Essential knowledge in accounting, marketing, human resources, project management and professional management is applied to 'real world' tasks in this capstone unit to prepare you for transition to the management responsibilities of professional practice. The unit prepares you for the workplace by ensuring that you can effectively apply principles of ethical professional practice and management within the relevant legal frameworks.

CSB546 Podiatric Medicine 6

| | |
|-----------------|--------------------------------|
| Pre-requisites | CSB545 or CSH545 |
| Anti-requisites | PUB839 |
| Equivalent s | PUB840 |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

In this final semester unit, you should demonstrate proficiency in integrating knowledge and skills obtained throughout the course, applying them in a supervised university podiatry

clinic setting. Your clinical decisions should be informed by relevant physical and diagnostic examinations, conducted within the framework of technological, ethical, financial and legal considerations and an evidence-based context. National and international medical, orthopaedic, pharmacological and podiatric perspectives guide the design, implementation and evaluation of complex patient management plans. At this point in the course (capstone unit), you should demonstrate clinical competencies at a level commensurate with national podiatry competency standards, professional guidelines and codes of conduct.

CSB601 Introduction to Clinical Therapeutics for Health

| | |
|----------------|--|
| Pre-requisites | (LQB185 or LSB111 or LQB285 or LSB282 or LSB382 or LQD185) or ((LSB142 or LSB235) and (LQB281 or LSB250)). (LQB185 or LSB111 or LQB285 or LSB282 or LSB382) can be enrolled in the same study period as CSB601 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

Health practitioners play a variety of roles in relation to drug therapy for improved health outcomes in patients. Depending on your scope of practice, you might prescribe, dispense, administer or review and evaluate the effects of medications on patients in your care. In order to assume these

Units

roles and responsibilities consistent with clinical, professional, organisational and legislative requirements, knowledge of the pharmacology, clinical therapeutics and the principles of Quality Use of Medicines (QUM) must inform the health practitioner's medication decision-making. This unit forms a foundation for further clinical practice and will draw upon and expand your knowledge of body systems, physiology and disease processes that was taught in previous units.

CSH057 Image Interpretation

| | |
|-----------------|---------------------------------|
| Pre-requisites | CSB041 and CSB044 |
| Equivalent s | CSB057 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-1 |

This unit builds on both theoretical knowledge and technical skills achieved in first and second year radiography, anatomy and pathology units and concentrates on application of this knowledge to practice. The recognition of both normal and abnormal anatomy and the ability to describe the image appearances in respect to both technical and diagnostic quality is an important role in clinical practice.

CSH059 Advanced Imaging Applications

| | |
|----------------|------------------------------|
| Pre-requisites | CSB037 and CSB048 and CSB049 |
| Credit | 12 |

| | |
|-----------------|---------------------------------|
| Points | |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-1 |

Radiation therapists are required to utilise a number of imaging modalities to assist in the planning of the patients' treatment and treatment delivery. This requires an appreciation of the medical imaging technologies available in a patient's clinical management to ensure an optimal patient plan and treatment. This unit further develops your knowledge, skills and application in imaging and builds on CSB037 Medical Imaging Applications in Radiation Therapy.

CSH068 Advanced Imaging Practice 1

| | |
|-----------------|---|
| Pre-requisites | (CSH057 or CSB057) and (CSB058 or CSB053) |
| Equivalent s | |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-2 |

This unit is the expected advanced knowledge level of your course and builds on the developmental activities in clinical reasoning and problem-solving from CSB057 Image Interpretation and CSB041 Specialised Imaging Techniques. This unit provides you with opportunities to provide evidence of your clinical reasoning and problem-solving skills prior to transition to the capstone units in fourth year. This unit prepares you for the capstone units, CSB070 Transition to Professional

Practice 1 and CSH080 Transition to Professional Practice 2. The unit content includes application of advanced knowledge to advanced imaging techniques and roles.

CSH074 Holistic Cancer Management

| | |
|-----------------|---------------------------------|
| Pre-requisites | CSB069 and CSB094 and CSB095 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-1 |

The unit focuses on the holistic management of the cancer patient and develops your knowledge and skills in managing complex patient issues. This unit links to previous work undertaken in academic and clinical units and prepares you for the final capstone units CSB075 Transitioning to Professional Practice 2 and CSH076 Advanced Quality Assurance.

CSH075 Transitioning to Professional Practice 2

| | |
|-----------------|---------------------------------|
| Pre-requisites | CSB073 and CSH074 |
| Credit Points | 24 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-2 |

This is a capstone unit/experience which provides a culminating learning experience occurring in the final year of a course that brings reflection and focus to the whole course experience whilst, at the same time, leading you to transition into professional pathways and/or

post-graduate study. This is the second of the transitional capstone units across the final year and requires you to integrate and apply your previously developed knowledge and skills in radiation therapy in a clinical context. You will consolidate your professional practice skills in workload management and clinical efficiency particularly in relation to simulation/CT, treatment planning and treatment. As you progress to a reflective ethical practitioner, this unit provides the opportunity for you to operate with an increasing level of intellectual independence whilst still under supervision.

CSH076 Advanced Quality Assurance

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB069 and CSB094 and CSB073 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This capstone unit will integrate the knowledge and skills acquired from previous units to incorporate advanced quality assurance concepts in radiation therapy. You will investigate opportunities for data analysis and apply critical thinking and problem-solving skills to address risk management for radiation therapy incidents. This unit aims to consolidate the planning and treatment units by incorporating Quality Control (QC) and Quality Assurance (QA).

CSH077 Research Project in Contemporary Clinical Practice

| | |
|----------------|---------------------------------|
| Pre-requisites | CSH077-1 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Medical imaging practice is a rapidly advancing field and research has a place in informing professional practice. This final year unit further develops your research skills in conducting a research project to source new knowledge applicable to contemporary clinical practice. You will apply the skills developed in both CSH600 Evidence-Based Clinical Practice and PUB561 Statistical Methods in Health to complete an individual research project of relevance to contemporary professional practice in medical imaging.

CSH077 Research Project in Contemporary Clinical Practice

| | |
|----------------|---------------------------------|
| Pre-requisites | CSH600 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This final year unit is delivered in two parts - CSH077-1 and CSH077-2 - and will enable you to undertake a research project on a topic of relevance to clinical professional practice. The skills used will build on the knowledge gained in previous units which introduced you to research methods, evidence based practice and advanced discipline knowledge. The project will be supported by

current literature and inform new knowledge.

CSH080 Transition to Professional Practice 2

| | |
|----------------|--|
| Pre-requisites | CSB070 and CSB071 and (CSH068 or CSB068) |
| Equivalent s | |
| Credit Points | 24 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2, SUM |

This is the second of the transitional capstone units and requires you to integrate and apply your previously developed knowledge and skills in medical imaging in a clinical context. The unit focuses on professional approaches to the scope of clinical practice and includes online learning activities. You will consolidate your professional practice skills in workload management and clinical efficiency particularly in relation to general radiography and minor procedures. As you progress to a reflective ethical practitioner, this unit provides the opportunity for you to operate with an increasing level of intellectual independence whilst still under supervision.

CSH081 Advanced Imaging Practice 2

| | |
|----------------|--|
| Pre-requisites | CSB041, (CSH057 or CSB057), and (CSH068 or CSB068) |
| Equivalent s | |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This capstone unit will integrate the knowledge and skills acquired from previous units in imaging investigations to advanced imaging applications. The unit integrates the skills and knowledge in clinical reasoning and problem solving previously developed across the curriculum, particularly in regard to advanced scope of practice roles. This unit provides you with opportunities to provide evidence of your radiographic imaging skills, clinical reasoning and problem-solving skills prior to completion of your course.

CSH466 Pharmacist Prescribing

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB454, CSB455 and CSB456 |
| Co-requisites | CSB464 and CSB465 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This capstone unit builds on the patient-centred care units to further develop knowledge and skills within the NPS prescribing competencies, to prepare students to be future pharmacist prescribers. The context will build from prescribing of pharmacy and pharmacist only medicines, towards the full scope of medicine prescribing (for when this is legally authorised). This unit will lead into the 4th year capstone units CSH471 Advanced Clinical Practice 1, and CSH481 Advanced Clinical Practice 2. It will provide you with stepping stones to advance your clinical skills, preparing for your core practice

in routine situations by developing the technical, clinical, personal and professional skills relevant to the day-to-day practice, and forming the basis of an advanced pharmacy practice framework.

CSH471 Advanced Clinical Practice 1

| | |
|----------------|---|
| Pre-requisites | CSB464, CSB465 and CSH474. CSH474 may be studied in the same teaching period as CSH471. |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This transition to practice unit assimilates the knowledge and skills gained through the previous three (3) years of the course to commence the transition from student to intern to practitioner. Advanced Clinical Practice 1 will integrate knowledge from Patient Centred Care units with the sciences, evidence and other skills to enable students to embrace the complexities of “real world” practice.

CSH472 Business of Healthcare

| | |
|----------------|---------------------------------|
| Pre-requisites | CSB464 and CSB465 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Business drivers of the changing landscape of the profession e.g. increased competition, reduced profitability in some sectors, public health budgetary

pressures, are influencing the role of the professional pharmacist, as are stakeholders. Stakeholders of the pharmacy business environment include the community pharmacy sector, hospital pharmacy sector, pharmaceutical industry, regulatory authorities, academia, and consumers. The pharmacist of the future will need to address global economic, social and environmental risks in their practice to prosper within environmentally sustainable limits and enhance social and economic equity. This unit explores emerging knowledge and develops skills in the implementation of professional service models, identified from global health priority areas, building upon a knowledge base of business management domains.

CSH474 Applying Research in Practice 1

| | |
|----------------|---|
| Pre-requisites | (CSB600 or CSH600) and (CSH477 or CSH478). CSH477 and CSH478 can be studied in the same teaching period as CSH474 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

The role of the pharmacist in providing holistic patient-centred care requires well developed skills in research, problem solving, analysis, and communication. This unit will focus on progressing your skills in research methods such as data analysis and critical evaluation of literature. This unit is designed to complement

the research project conducted in CSH471, and be extended upon in CSH484.

CSH477 Evidence-based Healthcare: Practice informing research 1

| | |
|----------------|---------------------------------|
| Pre-requisites | (CSH600 or CSB600) and CSB444 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit further develops your team-working skills, and you will be required to apply your knowledge and laboratory practical skills to further develop your research skills, by investigating clinically relevant problems. Complementing the model of a healthcare cycle of evidence based practice, evidence is collated, and results appraised, synthesised and transferred to service delivery settings. Practice informs and drives research to investigate a clinically relevant question.

CSH478 Evidence-based Healthcare: Research informing practice 1

| | |
|----------------|---|
| Pre-requisites | (CSH600 or CSB600) and completion of 288cps in CS47 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit focuses on the initial stages of independently conducting a scholarly piece of research. This includes designing, planning and communicating your research proposal to a scientific

audience, and executing your research plan. In conducting this research, you will have the opportunity to collaborate with other professionals.

CSH481 Advanced Clinical Practice 2

| | |
|----------------|--|
| Pre-requisites | CSH471 and CSH484. CSH484 can be studied in the same teaching period as CSH481 |
| Co-requisites | CSB487 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit integrates your accumulated knowledge, skills and expertise while emphasising your capacity to contribute to health care, and the attributes and behaviours associated with being job-ready. It will build on CSH471 to advance your clinical and research skills which are registerable competencies for pharmacists. Your core practice in routine and emerging practice will develop the technical, clinical, personal, professional and researcher skills relevant to contemporary pharmacy practice, and introduce the advanced pharmacy practice framework. You will apply skills and knowledge you have acquired from the research methods units CSH474 and CSH484. You will develop your understanding of your role as a pharmacist through experiential learning over a four week period, which will include completing an independent quality use of medicines (QUM) research project.

CSH484 Applying Research in Practice 2

| | |
|----------------|--|
| Pre-requisites | CSH474 and (CSH488 or CSH489) and CSH481. CSH488, CSH489 and CSH481 can be studied in the same teaching period as CSH484 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This is a final semester (capstone) unit that brings reflection and focus on evidence based practice, research, and the provision of effective care. It utilises the skill sets that were introduced in CSH474 and further develops these research skills providing approaches to publishing data and obtaining research funding. This unit extends from previous units that have introduced research methodology (CSH474) and have incorporated research projects and data acquisition (e.g. QUM placement project CSB471). It also aligns with activities run in adjacent units (CSH488 and CSH489) to provide additional support in research methodology. Research skills are a registerable competency in your future role as a pharmacist, so this unit provide opportunities for you to refine your critical evaluation skills to address knowledge gaps, identify areas for innovation and advances in practice.

CSH488 Evidence-based Healthcare: Practice informing research 2

| | |
|-----------------|---------------------------------|
| Pre-requisites | CSH477 |
| Anti-requisites | CSH489 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

In the fourth year of your study program, this unit challenges current research thinking to harness knowledge from the basic sciences to design new drugs and their formulations, devices and treatment options for patients to enhance human health and well-being. Interfacing between basic science and clinical medicine, and health systems globally, the end point of this design may be a promising new treatment that can be used clinically or be commercialised to inform health systems, health professionals and consumers. This unit aims to synthesise the critical and creative thinking skills you have to date applied to problem-solving practice solutions, to blur the lines between practice and laboratory by generating a breakthrough or paradigm shift in clinical practice - applying translational research.

CSH489 Evidence-based Healthcare: Research informing practice 2

| | |
|-----------------|--------|
| Pre-requisites | CSH478 |
| Anti-requisites | CSH488 |
| Credit Points | 12 |

| | |
|----------------|---------------------------------|
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit draws upon, and consolidates the knowledge and skills you obtained in the integrated units, evidence based practice and research methodology to demonstrate evidence of skills and attributes of the 8 star pharmacist in the wider context of a researcher. It is completed in conjunction with CSH478 Project 1 in the previous semester in the fourth year of your study program. You will analyse and present findings from your independent research study, accounting for legal, ethical, social and cultural issues, and respond to feedback, whilst under the guidance of an experienced researcher.

CSH534 Podiatric Medicine 4

| | |
|----------------|--------------------------------|
| Pre-requisites | CSB533 |
| Equivalent s | PUB639, CSB534 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit is designed to extend your clinical expertise by fostering independent case investigation, communication and clinical case management. This experience will provide exposure to the treatment of complex cases requiring higher order problem solving ability and the ability to link information from your previous studies. You will be expected to successfully implement a range of treatments and consolidate skills acquired in

operative mechanical, chemical and physical therapies. Diagnostic skills will be developed with a wider range of patients being treated and the specialised study of disciplines such as dermatology, podiatric surgery and radiology further integrating academic and clinical studies. Treatment within the areas of paediatrics and diabetes, including therapeutic intervention will be emphasised. You will demonstrate clinical competencies at a developing level and commensurate with national podiatry competency standards, professional guidelines and codes of conduct.

CSH545 Podiatric Medicine 5

| | |
|-----------------|--------------------------------|
| Pre-requisites | (CSH534 or CSB534) and CSB538 |
| Anti-requisites | |
| Equivalent s | |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

CSH547 Current Theory of Podiatric Medicine

| | |
|----------------|---|
| Pre-requisites | (CSH534 or CSB534) and (CSH545 or CSB545). (CSH545 or CSB545) may be studied in the same teaching period as CSH547. |
| Equivalent s | |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This final year unit integrates a broad scope of podiatric medicine knowledge, including management of the high risk foot, advanced diagnostic methods, paediatrics, gerontology and other relevant topics in medicine and orthopaedics. There is an emphasis on application of principles of evidence based medicine in podiatry practice. Theory covered in this unit supports the companion clinical units, Podiatric Medicine 5 and Professional Placement 1, which are comprised largely of Work Integrated Learning experiences.

CSH548 Podiatric Medicine 6 for Honours

| | |
|-----------------|--------------------------------|
| Pre-requisites | CSH545 or CSB545 |
| Equivalent s | CSB548 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-2 |

In this final year honours unit, you will demonstrate proficiency in integrating and synthesising knowledge, practical, clinical and problem-solving skills acquired across the course. Your clinical decisions will be informed by relevant physical and diagnostic examinations conducted within the framework of technological, ethical, financial and legal considerations and an evidence-based context. National and international medical, orthopaedic, pharmacological and podiatric perspectives guide the design,

implementation and evaluation of complex patient management plans. Your transition to professional practice begins as you perform these tasks at a range of clinical facilities with supervisor support. You will demonstrate clinical competencies at a level expected of a new graduate and commensurate with national podiatry competency standards, professional guidelines and codes of conduct. You will undertake placement rotations in all clinical areas of podiatry during semester.

CSH600 Evidence-Based Clinical Practice

| | |
|-----------------|---------------------------------------|
| Pre-requisites | CSB111 |
| Equivalent s | |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-1, SEM-2 |

The volume of medical and health care literature now available is significant and increases exponentially every year. As a practising health care professional, you will be expected to systematically inform your practice using sound scientific methods. Developing a skill set which allows you to identify the best available evidence and apply it judiciously to inform practice improvement is critical to fulfilling your role as a health care professional.

CSN021 Cardiac Ultrasound 1

| | |
|----------------|---|
| Pre-requisites | CSN025. CSN025 can be studied in the same |
|----------------|---|

| | |
|-----------------|---|
| | teaching period as CSN021 |
| Equivalent s | PCN155 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabiliti es | Gardens Point - SEM-1 External - SEM-1 |

This is the first in a series of four cardiac specific theory units that will assist you to develop knowledge, skills and attributes required for safe, competent practice in the health workplace as a beginning level cardiac sonographer. This unit focuses on the foundation theoretical concepts which other units will build on throughout the course.

CSN022 Cardiac Ultrasound 2

| | |
|-----------------|---|
| Pre-requisites | CSN021 and CSN031. CSN031 can be studied in the same teaching period as CSN022. |
| Equivalent s | PCN259 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabiliti es | Gardens Point - SEM-2 External - SEM-2 |

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 CSN021 Cardiac Ultrasound 1 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.

CSN023 Cardiac Ultrasound 3

| | |
|----------------|---|
| Pre-requisites | (CSN022 or PCN259) and (CSN031 or PCN497-2) |
| Equivalent s | PCN359 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1 |

This is the third in a series of four cardiac specific theory units that will assist you to develop knowledge, skills and attributes required for safe, competent practice in the health workplace as a beginning level cardiac sonographer. Cardiac ultrasound (echocardiography) is a highly specialised technique for the assessment of the human heart. This unit extends and builds on the content of CSN021 and CSN022 by introducing concepts and techniques of the more complex haemodynamic calculations and by discussing the applications of these techniques in the evaluation of cardiac valvular disease and prosthetic heart valves and complications.

CSN024 Advanced Cardiac Ultrasound

| | |
|----------------|----------------------------|
| Pre-requisites | CSN023 and CSN032 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point |

| | |
|----|---------------------------------------|
| es | - SEM-2 External - SEM-2 |
|----|---------------------------------------|

This unit extends and builds on the content of units CSN022 and CSN023 by introducing more advanced applications of echocardiography. In particular, this unit covers the role of echocardiography in the assessment of complex cardiac diseases such as 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.

CSN025 Principles of Medical Ultrasound

| | |
|----------------|---|
| Equivalent s | PCN162 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2 |

The field of medical ultrasound is scientifically based in an environment that is rapidly changing and undergoing considerable technological advancement. An understanding of the physical processes of ultrasound, the equipment design features and the interactions of sound in human tissue are essential for professionals working in this field. This unit is offered in the first semester to ensure you have a fundamental understanding of the physical principles of ultrasound; the

knowledge gained can then be applied to other units offered in the ultrasound courses.

CSN026 Ultrasonic Examination 1

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

This is the first in a series of four medical ultrasound specific theory units that will assist you to develop the knowledge, skills and attributes for safe, competent practice in the health workplace as a beginning level medical sonographer. This unit focuses on the ultrasound techniques used to examine the adult abdomen and pelvis, and the ultrasonic appearance of normal and abnormal anatomy and pathology.

CSN027 Ultrasonic Examination 2

| | |
|----------------|---|
| Pre-requisites | CSN025 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

Specialised knowledge of the diagnostic potential of medical ultrasound imaging is essential for the operator to perform effective examinations. This unit builds on the content of the unit CSN026 Ultrasonic Examination 1 introducing more advanced ultrasound examinations that are encountered in clinical practice.

This unit includes the ultrasound techniques used to examine the head, neck and peripheral organs and the ultrasonic appearance of normal and abnormal anatomy and pathology. It also describes the basic ultrasound techniques used in the 1st, 2nd and 3rd trimester of pregnancy. These topics are offered in the second semester of the course so that you have had time to understand the fundamentals of Medical Ultrasound which are outlined in the subjects CSN026 Ultrasonic Examination 1 and CSN025 Principles of Medical Ultrasound.

CSN028 Advanced Ultrasound Topics 2

| | |
|----------------|---|
| Pre-requisites | CSN026 and CSN027 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1 |

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

CSN029 Advanced Ultrasound Topics

| | |
|----------------|----------------------------|
| Pre-requisites | CSN026 and CSN027 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point |

| | |
|----|---------------------------------------|
| es | - SEM-1 External - SEM-1 |
|----|---------------------------------------|

The aim of the unit is to provide you with a detailed understanding of the techniques involved in conducting an ultrasound examination in advanced obstetric applications. You will also be introduced to the applications of ultrasound techniques in paediatrics. New and evolving applications of ultrasound will be introduced.

CSN031 Cardiac Ultrasound Clinical Practice 1

| | |
|----------------|--|
| Pre-requisites | (CSN021 or PCN155) and CSN022. CSN022 can be studied in the same teaching period as CSN031 |
| Equivalent s | PCN497-1, PCN497-2 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2, SEM-2 External - SEM-2, SEM-2 |

This unit is the first of three units in which you will progressively develop your clinical practice and experience. This unit builds on basic skills, knowledge and abilities gained in the unit CSN021 Cardiac Ultrasound 1. In this unit, basic instrumentation skills are refined and expanded, and echocardiographic skills are developed through employment and training in a QUT approved clinical department. Clinical skills are evaluated by QUT academic staff and QUT approved clinical supervisors, in consultation with QUT academic staff.

CSN032 Cardiac Ultrasound Clinical Practice 2

| | |
|----------------|---|
| Pre-requisites | CSN031 and CSN023. CSN023 can be studied in the same teaching period as CSN032. |
| Equivalent s | PCN597-1, PCN597-2 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | External - SEM-1, SEM-1, SEM-2, SEM-2 |

This unit provides the second opportunity in the course for you to be involved in extensive clinical experience that is complementary to all other units in the course. This unit further builds your skills, knowledge and abilities gained in the unit CSN031 Cardiac Ultrasound Clinical Practice 1. Your specialist skills will be further refined and expanded, and advanced echocardiographic skills will be developed through employment and training in a QUT approved clinical department.

CSN033 Medical Ultrasound Clinical Practice 1

| | |
|----------------|---|
| Pre-requisites | CSN025 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

In this unit, the specialised sonographic skills are developed through employment and training in a QUT approved clinical department. Clinical skills are developed and evaluated by

QUT approved clinical supervisors, in consultation with QUT academic staff. Your skills as a student sonographer will be developed from a novice level to an advanced beginner. This unit is offered in the second semester of the first year of the course in order for you to thoroughly develop the necessary sonographic techniques required for many routine ultrasound examinations.

CSN034 Medical Ultrasound Clinical Practice 2

| | |
|----------------|----------------------------|
| Pre-requisites | CSN033 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-2 |

This unit builds on the skills, knowledge and abilities gained in CSN033 Medical Ultrasound Clinical Practice 1. In this unit, sonographic skills are refined and expanded with more advanced skills developed through employment and training in a QUT approved clinical department. Clinical skills are developed and evaluated by QUT approved clinical supervisors, in consultation with QUT academic staff. This unit is offered in the second semester of the second year of the course in order for you to thoroughly develop the necessary sonographic techniques required for many advanced ultrasound examinations.

CSN035 Cardiac Ultrasound Clinical Practice 3

| | |
|----------------|-----------------------------------|
| Pre-requisites | CSN032 and CSN023 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | External - SEM-2, SEM-2 |

This unit provides the third opportunity in the course for 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 CSN032 Cardiac Ultrasound Clinical Practice 2. Your specialist skills will be further refined and expanded, and advanced echocardiographic skills will be developed through employment and training in a QUT approved clinical department. During this clinical placement you will be working more autonomously, with minimal supervision while delivering the highest level of patient care.

CSN500 Podiatric Therapeutics 1

| | |
|-----------------|---------------------------------------|
| Anti-requisites | LSB584, PUB662 |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-1 |

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CSN501 Podiatric Therapeutics 2

| | |
|----------------|---------------------------------------|
| Pre-requisites | CSN500 |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2, SEM-2 |

This is the second unit in the Podiatric Therapeutics course. This unit builds on the theoretical concepts introduced in Podiatric Therapeutics 1 (CSN500) and requires a sound understanding of physiology, disease processes, medicine, pharmacology and pharmacotherapeutics. The unit provides you with a practical understanding of the use of scheduled medicines in the therapeutic management of foot and related lower limb disorders. Podiatrists make therapeutic decisions that require consideration of legal, ethical, financial, pharmacological, medical and patient factors before delivering the most efficacious, safe and appropriate treatment, including no treatment. This unit will equip you with the skills necessary to utilise scheduled medicines in clinical practice, including how and when collaboration with members of the health care team is required and how to access appropriate information resources to guide therapy.

CVB101 General Chemistry

| | |
|-----------------|---|
| Anti-requisites | CZB190 |
| Equivalent s | SCB111 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This foundation chemistry unit covers the core concepts and laboratory practices that we use to define the nature of

atoms and the different forms of matter, to quantify chemical reactions & chemical reaction processes through the application of thermochemistry, kinetics and chemical equilibria. The understanding of these chemical concepts is essential to knowing why matter in our universe exists in specific forms and how it transforms. This knowledge is the foundation upon which the other scientific disciplines and applied disciplines are based. This is an introductory unit. The knowledge and skills developed in this unit are relevant to both chemistry major students and non-majors alike. CVB102 Chemical Structure & Reactivity builds on this unit by focusing on applications to chemical reactions and their relationship to chemical structure, with a particular focus on organic chemical synthesis and laboratory practices and reporting requirements with regards to organic chemistry.

CVB102 Chemical Structure and Reactivity

| | |
|-----------------|---|
| Anti-requisites | CZB190, LQB180 |
| Equivalent s | SCB121 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Chemistry relates to all aspects of our lives. An understanding of chemistry is necessary to make sense of our world and to address the global challenges

faced by our society. Together with its companion unit, CVB101 General Chemistry, this unit provides you with a foundation in the science of Chemistry. It focuses on how atoms bond to form molecules, and the models chemists use to understand molecular structure. You will learn how to predict the reactivity and properties of molecules and will get a foundational introduction to organic and biological chemistry. You will develop your ability to apply theoretical knowledge and critical thinking to solving chemical problems. You will also complete a suite of laboratory practical experiments, where you will develop professional skills in chemical manipulation, analysis, safe laboratory practices, data recording and analysis. This unit is a foundation for higher-level courses in organic chemistry, materials science and biochemistry.

CVB201 Inorganic Chemistry

| | |
|-----------------|--|
| Pre-requisites | (CVB101 and CVB102) or (SCB111 and (SCB121 or CVB102)) |
| Anti-requisites | PCB334 |
| Equivalent s | PQB331 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit provides detailed coverage of the chemistry of inorganic compounds with particular emphasis on the

bonding in complexes of transition metals, including valence bond theory and orbital hybridisation, coordination theory and crystal field theory. Aspects of molecular geometry and symmetry are also developed. The chemistry of inorganic compounds and transition metal complexes is introduced and explored deeply. The unit builds on the fundamental concepts introduced in the first year units "General Chemistry" and "Chemical Structure and Reactivity" and prepares you for the final semester units "Coordination Chemistry" and the major capstone project "Chemical Research".

CVB202 Analytical Chemistry

| | |
|----------------|--|
| Pre-requisites | (CVB101 or SCB111 or CZB191) and (SCB121 or CVB102) and (SCB131 or CVB102) |
| Equivalent s | PQB312 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit is an introduction to modern chemical analysis, including some common instrumental techniques, which are firmly linked to the theory and practice of the discipline in a modern, working laboratory. You will gain essential analytical and deductive skills for chemical science as well as laboratory-based experience in sampling, treatment of samples, principles and practice of making high-quality

chemical measurements with chromatographic and spectroscopic instrumentation. This unit further develops your knowledge and technical laboratory skills in chemical instrumentation and analysis. It links to the work previously undertaken in CVB101 General Chemistry and prepares you for the final semester major capstone unit CVB304 Chemistry Research Project.

CVB203 Physical Chemistry

| | |
|-----------------|--|
| Pre-requisites | (CVB101 or SCB111) and (SCB121 or CVB102) and (SCB131 or CVB102) |
| Anti-requisites | PCB354, PCB405 |
| Equivalent s | PQB401 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This is a developmental unit that covers concepts that determine how chemical systems behave. It covers the discrete nature of atoms and molecules through spectroscopy, and develops understanding of the thermodynamics and kinetics of chemical processes. Theoretical and practical-based approaches are to develop understanding of the nature of the physical properties and dynamic transformations of matter essential to all branches of chemistry and to other disciplines based on physical materials, or that use and rely on chemical reactions. This unit builds on knowledge and

practical skills introduced in CVB101 General Chemistry, it expands on the concepts introduced in CVB101 and prepares for CVB302 Applied Physical Chemistry.

CVB204 Organic Structure and Mechanisms

| | |
|-----------------|--|
| Pre-requisites | (CVB101 or SCB111 or CZB191) and (SCB121 or CVB102) and (SCB131 or CVB102) |
| Anti-requisites | PQB401 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Build on the organic chemistry knowledge and laboratory skills gained in CVB101 and CVB 102. The deeper understanding of reaction mechanisms, instrumental characterisation and stereochemistry are important in facets of all subsequent chemistry units. Perhaps most importantly, this unit will be used as the foundation for advanced studies in organic chemistry in CVB 301 Organic Chemistry: Strategy for Synthesis. To successfully complete this unit you will: -Describe the electronic effects and mechanistic concepts which govern the reactions of organic compounds. -Predict the outcome of a set of reaction conditions when applied to organic compounds. -Design syntheses based on the major functional groups. -Deduce the solution of synthetic problems in organic chemistry -Apply

modern spectroscopic techniques as an aid to structure elucidation - Demonstrate a range of practical skills in safe laboratory practice applied to the synthesis, isolation and purification of organic compounds.

CVB210 Chemical Measurement Science

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

The unit introduces students to the principles and methods of making quality measurements in the context of chemical analysis and calibration. Students will gain relevant 'hands-on' experience from the practical and workshop programs, which will enable them to understand the theory in the context of 'real world' examples. The practical component involves a representative examples of wet-chemical and instrumental exercises that provide an introduction to Analytical Chemistry and practical experience for students pursuing any area of Science, Health and Engineering that needs quantitative chemical measurements. Skills developed in the unit will be important for students aiming gain an understanding of the internationally-recognised quality framework for chemical testing and calibration, the ISO/IEC 17025.

CVB211 Industrial Chemistry

| | |
|----------------|---------------------------------|
| Equivalent s | PQB623 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

It is essential that chemists and process engineers involved in industrial chemical production translate fundamental knowledge of chemistry and process engineering into practical outcomes. In this unit you will focus on green chemistry, industrial biotechnology and catalysis which underpins 90 % of all chemicals made today. You are introduced to catalyst fundamentals and their application to industry for bulk chemicals, production of polymers and plastics, zeolites for green chemistry and bio-catalysts such as enzymes. You will also be guided through the development of professional skills which includes creation of a MindMap, completion of a Dynamic SWOT analysis, and presentation of business ideas in a poster. This unit primarily builds upon fundamentals learned in Process Principles and Unit Operations courses.

CVB212 Industrial Analytical Chemistry

| | |
|----------------|--|
| Pre-requisites | (CVB101 or SCB111) and (SCB121 or CVB102) and (SCB131 or CVB102) |
| Equivalent s | PQB313 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Modern chemical industry requires comprehensive analytical measurement relating to the raw materials, process streams and outputs in order to control quality and to confer error prevention. This unit develops your knowledge and application of the fundamental principles of Analytical Chemistry upon which modern industrial analysis techniques are based. This unit is complementary to the more empirical approach adopted in "CVB202 Analytical Chemistry", providing you with grounding in the theory and practice of qualitative, quantitative gravimetric and wet chemical analysis; together with spectrometric and electrochemical methods of analysis for a wide range of industrial applications including foods and beverages, mining, metals, waste waters and related areas. This unit develops your theoretical and applied knowledge of chemical analysis and further develops your technical and laboratory skills in sample treatment, gravimetric and wet chemical methods of analysis. It links to work undertaken in CVB101 General Chemistry, prepares you for the 3rd year unit CVB320 Instrumental Analysis and the final semester major capstone unit CVB304 Chemistry Research Project, as well as a career in a chemically-based industry or industry-related research.

CVB215 Criminalistics and Physical Evidence

| | |
|----------------|---------------------------------|
| Equivalent s | SCB384 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Criminalistics is the definitive source for forensic science because it makes the technology of the modern crime laboratory clear to the non-scientist. This unit will introduce the students to the realm of forensics and its role in criminal investigations. The student will be introduced physical evidence collection, preservation and analysis techniques. The unit will bring to the students comprehensive hands-on experience in questioned documents examination, fingerprinting, crime scene investigations and facial recognition.

CVB216 Forensic Chemistry

| | |
|-----------------|---------------------------------|
| Anti-requisites | PQB684 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Forensic Chemistry is a special field of chemistry dedicated to the analysis of matter and substances that may have been used in unlawful activities, abused or caused harm to individuals or the public. A forensic chemist is a professional chemist who analyzes evidence that is brought in from crime scenes and reaches a conclusion based on tests run on that

piece of evidence. In the Forensic Chemistry unit, students will gain expertise in all the major branches of chemistry (organic, inorganic, physical and especially analytical) as related to forensic investigations. The analytical aspect of the course has been broadened from a more traditional chemistry focus to include modern and special types of analysis of importance to forensic science.

CVB218 Drug Discovery and Design

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

This unit provides a brief introduction to the history and evolution of drug discovery, including the role of the pharmaceutical industry, to current-day methods including rational computer-aided drug design, drug targets and screening libraries. Case studies may include synthetic hormones, narcotics, chemotherapeutic agents and performance-enhancing compounds. You will be introduced to the concepts of chemical structure and structure-activity relationships. The unit complements 'Drug Action' offered in the same semester.

CVB221 Unit Operations

| | |
|------------|--------|
| Equivalent | PQB525 |
| Credit | 12 |

| | |
|----------------|--|
| Points | |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit fosters a deeper understanding of the unit operations which are the main components in process flow diagrams. The students will be introduced to among other concepts in the water and wastewater treatment industry disinfection, filtration, ion exchange, adsorption and desalination. Complementary theory regarding mass and heat transfer operations will also be used to ultimately provide a comprehensive overview of water treatment and chemical processes.

This unit aims to bridge the gap between academic learning and industrial practice. Examples relating to key industries such as the coal seam gas, mining, manufacturing and wastewater sectors will be provided and cutting edge problems discussed. Students will learn the key skills which industry expects graduates to possess in order to rapidly integrate into project teams.

CVB222 Forensic Analysis of Bio-active Compounds

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

This unit provides an introduction to the basics of bio-analytical methods used for the detection and identification

of bio-active substances in different matrices. The methods are demonstrated to bio-active compounds that are frequently encountered in pharmaceutical, forensic, molecular diagnostics and environmental industries. The unit will introduce modern instrumental analytical platforms such as spectroscopy, chromatography, electrophoresis, nanosensors and immunoassay.

CVB225 Forensic Biology and Analytical Toxicology

| | |
|-----------------|---------------------------------|
| Anti-requisites | LQB680, PQB680 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

The extensive use of biological evidence to identify victims and offenders as well as indicate attempts to control victims prior to abuse or attack has had a significant bearing on the course of law enforcement investigations, criminal court proceedings, and victim service providers. DNA and toxicology evidence have become a highly influential piece of the crime puzzle. You will be introduced to the concepts of DNA profiling and analytical toxicology and their applications in forensic case work. Develop the necessary skills for analysing and interpreting the DNA and toxicology evidences and be introduced to the basic concepts of forensic anthropology. This learning will be through the study of the theory, hands-on practices

relevant to real life scenarios as well as training on the forensic interpretation of the evidence.

CVB301 Organic Chemistry: Strategies for Synthesis

| | |
|----------------|--|
| Pre-requisites | CVB101 and CVB102 and CVB204 |
| Equivalent s | PQB531 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This advanced unit complements and further develops the concepts introduced in CVB102 "Chemical Structure and Reactivity" and CVB204 "Organic Structure and Reaction Mechanisms". The main focus of this unit is on the strategies chemists employ in the synthesis of complex molecules. This will provide the necessary practical and theoretical skills for those of you wanting to continue your exploration of organic chemistry as a capstone project in CVB304 Chemistry Research Project.

CVB302 Applied Physical Chemistry

| | |
|----------------|--|
| Pre-requisites | CVB203 |
| Equivalent s | PQB502 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Physical chemistry is a discipline of chemistry in which the physical factors which govern chemical reactions are described, quantified and explored. After an introduction to thermochemistry and the principles that govern the macroscopic behaviour of solids, liquids and gases, the fundamental physical properties which determine the extent of reaction of pure substances are illustrated. These thermodynamic principles are extended to mixtures substances and the properties of solutions.

CVB303 Coordination Chemistry

| | |
|----------------|--|
| Pre-requisites | CVB201 |
| Equivalent s | PQB631 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Coordination chemistry - the chemistry of transition metal complexes - encompasses aspects of organic, physical and transition metal chemistry. Deep understanding of the electronic structure of these remarkable compounds is developed along with an exploration of fascinating topics of current international research interest including organometallic compounds, bioinorganic chemistry, coordination polymers, metal-organic-frameworks (MOFs) and other metallo-supramolecular species.

Synthesis and characterisation skills are honed through laboratory exercises drawing on knowledge developed throughout the chemistry major including magnetometry, thermogravimetric analysis and UV-visible, infrared and NMR spectroscopy.

CVB304 Chemistry Research Project

| | |
|----------------|--|
| Pre-requisites | CVB202 and CVB301 and CVB302 |
| Co-requisites | CVB303 |
| Equivalent s | PQB642 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

In this unit you will be engaged on a chemistry project that is selected from a range of topics in exciting new areas of relevance to modern chemistry and chemical technology. Examples may include, but are not necessarily limited to nanotechnology, drug design, free-radical chemistry and trace metal speciation in environmental and biological systems. The unit will involve a self-directed project in which you synthesize the knowledge, skills and techniques developed during your chemistry major. In the process, you will be expected to critically review relevant literature sources, demonstrate understanding and depth of knowledge and provide a clear, coherent communication of the chemical project outcomes. The project will provide you with the opportunity to

articulate societal and ethical implications of the profession of chemistry as part of the written project report.

CVB313 Environmental Analytical Chemistry

| | |
|----------------|---------------------------------|
| Pre-requisites | CVB202 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Environmental Analytical Chemistry provides the tools and techniques necessary to make quantitative measurements of the extent of environmental alteration by natural or man-made activities. Principal areas of study include the chemical evaluation of air quality; water quality; soil and sediment contamination; and pesticide residue contamination in agriculture. Students will gain an understanding of the relevant methods of analyses through the lectures and a complementary laboratory practical program. This will allow students to develop technical skills such as: sample collection and treatment; use of modern instruments, including receptor modelling, atomic spectrometric and IC instruments for inorganic elemental analysis, GC, GC-MS and HPLC instruments for organic components. Experience gained in the unit will be important for students seeking positions in environmental protection agencies, environmental laboratories and environmental consultancy.

CVB320 Instrumental Analysis

| | |
|----------------|---------------------------------|
| Pre-requisites | CVB202 |
| Equivalents | PQB513 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Modern instrumental methods are capable of producing large quantities of data and it is becoming common practice to use data driven chemometric and cheminformatics techniques as an adjunct to instrumental analysis. These techniques are introduced through a project-based investigation of bio-analytically related datasets where you develop understanding of applications of instrumental analysis and further develop your analytical thinking, problem-solving, communication and deductive skills using real-world examples. This unit builds upon the theoretical and practical framework for chemical analysis in the unit CVB202 Analytical Chemistry to develop advanced instrumental and analysis techniques for modern laboratory practice.

CWB101 Writing Fundamentals

| | |
|----------------|--------------------------------|
| Equivalents | KWB110 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit introduces students to the conventions and practices

of academic writing. The unit also develops student learning about information literacies and research skills.

CWB102 Influence and Persuasion

| | |
|----------------|--------------------------------|
| Equivalents | KWB115 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit introduces you to the theory and practice of persuasive communication across a number of genres to enhance your writing and communication skills. The unit covers various theories of persuasion as well as case studies of persuasive texts and campaigns.

CWB103 Interpersonal and Intercultural Negotiation

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

This foundational unit introduces the wider context of cultural practices that inform communication at the individual and social levels. The unit explores how communication in the workplace and other professional contexts is influenced by factors such as power dynamics, gender, nationality, cultural norms, and ethnicity. It develops your engagement with the theories of and skills for successful intercultural and interpersonal exchange in business and professional relationships in a global context. Your career will

be shaped by global forces, events, and contexts. Therefore, to be a global effective communication practitioner, you will need to see communication in the context of social and cultural norms and assumptions.

CWB110 Introduction to Literary and Cultural Studies

| | |
|----------------|--------------------------------|
| Equivalent s | KWB108 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit aims to give you the 'tools' and knowledge to critically analyse and creatively appreciate a range of texts so that you are able to enter into academic or popular discourse with an understanding of important critical concepts. It provides an introduction to key concepts in literary studies. The theories relate to ideas and terminology that you will be expected to become familiar with throughout the course of your study. You are introduced to concepts that form the basis of discussions in a range of academic discourses so that you can engage analytically with texts and their contexts. 'The 'textualisation' of the world has been an important development in twentieth century theory in the West: What are texts? What do they mean? The 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.

CWB111 Scientific and Technical Writing

| | |
|----------------|---------------------------------|
| Equivalent s | KWB114 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit introduces you to the principles of writing clearly in a science-based context and to the discursive frameworks that inform scientific and technical writing. It aims to provide you with an understanding of the conventions of writing and publishing scientific and technical information and to develop skills in communicating this information for a general audience. Graduates in the fields of engineering, science and information technology are required to assess high volumes of information and to communicate key scientific and technical ideas to a general audience. As such, there are growing industry and research demands for graduates with professional writing skills that deliver clear and well-structured written information about complex material.

CWB112 Popular Culture: A 21st Century Communication Industry

| | |
|----------------|---|
| Equivalent s | KWB311 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit is designed to provide you with skills in understanding popular culture/s. It addresses the production of popular culture via a range of texts and mediums and provides you with a framework to critique the operations of popular cultures. Given the increasing discussion of importance of popular culture in contemporary society, the unit addresses the sites of such discussions and the changing status of popular culture. The unit provides you with an understanding of the notion of 'popular culture' and to consider a range of cultural productions that have engaged with this term. You will consider a range of popular culture theories and a number of texts in relation to those ideas and will gain an understanding of the position of popular culture within cultural studies discourse.

CWB113 Writing Australia

| | |
|----------------|--------------------------------|
| Equivalent s | KWB109 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit aims to improve your analytical and creative, oral and written communication skills. It is important for you to understand how Australian identity has been written, rewritten and remains contested by engaging with and evaluating a range of Indigenous and Non-Indigenous Australian writings. This unit provides you with opportunities to read, explore,

discuss and evaluate a number of classic and contemporary Australian texts. Upon completing this unit you can understand and critically interrogate texts pertinent to contemporary Australian society and culture.

CYB101 Introduction to Communication

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

This unit provides an introduction to learning for students in the Bachelor of Communication program in the areas of written, spoken, and visual communication techniques. The unit focuses on the essentials of audience, purpose, and context as the three structuring elements that inform communication practice in written, spoken, and visual communication. The unit is designed to equip students with foundational skills and knowledge of the theoretical and practical requirements for careers in the Communication Industries, and provides a platform for advanced study for students in the professional communication and media majors.

CYB102 Introduction to Media and Entertainment Industries

| | |
|----------------|---------------------------------------|
| Equivalent s | KXB101 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

This foundational unit

introduces core concepts and debates, analytical frameworks and professional practices necessary to understand how the media and entertainment industries operate as complex economic and cultural activities. It develops capacity for subsequent study and employability in the media and entertainment industries. The unit provides a comprehensive overview of industry structures and functions, regulatory and technological conditions, and professional practice. It also presents you with the broader theoretical and practical implications of industry dynamics in political, economic, and social contexts. As such, this unit aims to develop a deeper and more critical understanding of media and entertainment industries and their dynamics.

CYB103 Communication Theory and Practice

| | |
|----------------|--|
| Equivalent s | KCB101 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-2 |

This unit introduces concepts and theories in the study of communication. It covers communication theory, textual analysis, representation, practice, and context. Drawing on examples of communication practice from contemporary society, the unit aims to develop your understanding of communication ecologies, processes, systems, and

modes within the wider frame of radical changes occurring in the way texts are produced, read and circulated within our culture. It is one of four foundation units in the Bachelor of Communication program that supports learning activities in intermediate and capstone units and introduces you to individual and teamwork approaches to learning and teaching. The unit also addresses your role as a communicator in the workplace and initiates important strategies for career planning.

CYB104 Managing Social Media

| | |
|----------------|---|
| Equivalent s | CYD104 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This foundational unit gives an understanding of, and basic applied skills in, best practice social media management within professional communication contexts. It introduces you to the principles, tools and techniques of professional social media practice, social media presence and the development, implementation and analysis of digital communication strategies. It also provides opportunities to apply them in the ever-evolving social media landscape through industry engagement. This is one of four foundation units in year 1 and year 2 of the Bachelor of Communication program that supports learning

activities in intermediate and capstone units and introduces you to individual and teamwork approaches to learning and teaching.

CYB105 Understanding Audiences

| | |
|----------------|--|
| Equivalent s | KCB301 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-2 |

This unit provides you with an introduction to the ways in which the media and entertainment industries have imagined, measured, and monetised their audiences. It examines how conceptions of audiences shape marketing, branding, and advertising strategies, and what broader cultural concerns are associated with our understanding of audiences and their behaviours.

CYB106 Global Media and Entertainment Industries

| | |
|----------------|--------------------------------|
| Pre-requisites | CYB102 or KXB101 |
| Equivalent s | KXB102 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit provides a critical understanding of globalisation in the media and entertainment industries. It introduces key disciplinary debates about the creation, circulation and consumption of media and entertainment across different

locations and cultures. For the successful media and entertainment professional, it is imperative to understand how media and entertainment operate and interact across local and global contexts. This unit introduces a range of entertainment industries and forms, and draws attention to the increasingly transnational nature of entertainment economics and culture. Specifically, it looks at entertainment industries as global players; their consumption and circulation; understanding them as an economic and cultural phenomenon; and how the interaction between global-local forces transforms entertainment industries, business practices, and products.

CYD104 Managing Social Media

| | |
|----------------|---------------------------------------|
| Equivalent s | CYB104 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP2, 13TP3 |

As an introductory unit, CYD104 Managing Social Media helps you develop core knowledge and skills essential for professional practice in the Communication and related industries. It offers you an introduction to the key principles and practices of successful social media management and opportunities to apply these principles in the ever-evolving social media landscape, through engagement with industry standard tools and techniques.

CYD104 Managing Social Media supports learning activities in your undergraduate degree and introduces you to individual and teamwork approaches to learning and teaching.

CZB190 Chemistry for Health Sciences

| | |
|-----------------|--|
| Anti-requisites | CVB101, CVB102, LQB180 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This is a foundational chemistry unit for all students of the health sciences in which basic concepts of general, organic and biological chemistry are covered. The organization of the human body begins with chemicals (atoms and molecules) making up its simplest or smallest scale level of organization. Chemistry allows us to understand how cells, tissues and organs are formed, how these substances react with each other and their environment, and how these substances behave. This unit will develop the essential concepts of chemistry necessary for students studying health and biological sciences with topics introduced and applied in a contextualized manner relevant to their discipline. As part of early health science training, it is important to explore and have an understanding of the chemical composition and processes relevant to human body. This unit will form an essential foundation to further

study in the areas of health sciences.

DAB101 Architectural Design 1: Explorations

| | |
|----------------|---------------------------------|
| Equivalent s | DAB110 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit offers a broad introduction to the field of design as applied to architecture. It uses developmental exercises to enhance student perceptions of the built environment. Analysis of the constructed environment leads to 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 and studio-based activities.

DAB102 Architectural Design 2: Spaces

| | |
|----------------|---------------------------------|
| Equivalent s | DAB210 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit examines technological and artistic processes of design within an architectural context. It seeks to provide the ability to develop architectural designs of controlled complexity, focusing on aspects of spatial quality.

As such, this unit will expose you to the design of a small public building in the Brisbane area. Architectural design as a manageable process is explored through a number of exercises and design projects. Discrete steps in the process of architectural design are made explicit through staged activities that build to a complete design project. Orthogonal drawing exercises, freehand sketching, presentation graphics, and model making all form part of the unit content.

DAB200 Modern Architecture

| | |
|----------------|---------------------------------|
| Pre-requisites | DYB114 |
| Equivalent s | DAB325 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit explores the global movement of modern architecture from its roots in the European Enlightenment and nineteenth century till the twentieth century and its migration to the United States after the Second World War. It enhances your previous learning in DYB112 Spatial Materiality and DYB114 Spatial Histories and deepens your learning in the design studios by providing you the intellectual skills to engage with historical debate, and moreover the ability to understand your own design projects through the history of the modern movement and of modernity more broadly that remains a paradigm for contemporary

architectural praxis.

DAB201 Architectural Design 3: Dwelling

| | |
|----------------|---|
| Pre-requisites | DAB101 or DAB110 |
| Equivalent s | DAB310 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1 |

This unit in architectural design uses developmental exercises to enhance student perceptions of dwelling. Design problems of moderate complexity are tackled through a process of abstraction, experimentation, representation, imagination, and testing.

DAB202 Architectural Design 4: Metro

| | |
|----------------|---|
| Pre-requisites | DAB102 or DAB210 |
| Equivalent s | DAB410 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-2 |

This unit provides you with an ability to develop architectural designs of limited complexity with particular focus on aspects of urban context, planning and form through an understanding of site specificities, topography, urban infrastructure and the natural landscape. In particular the unit focuses on a small civic building design. It builds on prior knowledge gained in the first three design studios,

but introduces a higher level of architectural thought via the practice of formalism in architecture, involving established aesthetic concepts of architectural object and language that underlie global architectural praxis. It also introduces urban design into the design studio thereby expanding your previous knowledge of site planning to a new level. It will teach new skills in architectural design, urban analysis, and architectural drawing, modelling and visualisation toward the formal synthesis of the architectural object in urban space.

DAB211 Environmental Principles of Architectural Design

| | |
|-----------------|---|
| Pre-requisites | DYB112, can be enrolled in the same teaching period as DAB211 |
| Equivalent s | DAB330 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-1 |

This unit familiarises students with the basic design principles and passive strategies for heating, cooling and daylighting necessary for architectural designs that respond to human needs (human comfort), regionalism and climate. This unit provides students with the tools to integrate environmental design principals in basic buildings.

DAB212 Small Scale Building Construction

| | |
|------|--------|
| Pre- | DAB211 |
|------|--------|

| | |
|-----------------|---------------------------------|
| requisites | |
| Equivalent s | DAB435 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-2 |

This unit introduces building construction principles, an essential part of the vocabulary and knowledge of an architect. It increases your understanding of applied construction technologies, materials, acoustics and interior comfort as key concepts for design development and resolution. It examines the role of building standards and the Building Code of Australia (BCA) in building design, including its housing provisions and associated codes for all types of buildings to achieve the requirements for building approvals. It also looks at domestic construction with emphasis on general properties of building materials and 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.

DAB220 Architecture, Culture and Place

| | |
|-----------------|--|
| Equivalent s | DAB420 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

The concept of culture and place are highly significant to architectural thought and production. This introductory unit surveys these concepts in the discourse and practice of architecture. It explores how culture and place are understood, interpreted and made in a range of social, historical and physical contexts. The aim of this unit is to promote your awareness of concepts of culture and place as well as learn how to interpret buildings as cultural artefacts. You will learn how to interpret and analyse architecture through socio-cultural frameworks and understand how this analysis can be applied to the process of designing buildings that support the culture for which they are produced.

DAB403 Architectural Visualisation 3

| | |
|-----------------|--|
| Pre-requisites | DAB203 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit continues the development of the visual communication skills that you have previously acquired, focusing on technical communication. Architects recognise that visualisation or communication of process, decisions and outcomes is crucial. To date, you have learnt how to effectively communicate your architectural intentions using both analogue

and digital means, skills primarily intended for the communication of design. Throughout this unit you will learn the ability to communicate technical intentions, achieving an extra level of visualisation. At the end of this unit you will be able to use Building Information Modelling (BIM) software to create effective technical visual communication.

DAB511 Architectural Design 5

| | |
|-----------------|--|
| Pre-requisites | DAB310 or DAB201 |
| Equivalent s | ADB005, DAB510, DAH510 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit offers a focused intermediate level investigation into the field of design as applied to architecture. It uses developmental exercises to enhance student perceptions of the built environment in a problem based learning environment. A particular emphasis is placed on the introduction of knowledge and skills to effectively and professionally communicate the design intent with the aid of digitally mediated tools and methods while design theory, sustainability, sociology, history and critique, as they all apply to architectural design, all form part of the unit content. Design projects require synthesis of a range of abstract issues to achieve focused architectural proposals. Teaching and

learning activities are spread across lectures, tutorials, and studio based activities.

DAB611 Architectural Design 6

| | |
|-----------------|--|
| Pre-requisites | DAB410 or DAB202 |
| Equivalent s | ADB006, DAB610, DAH610 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit will develop greater complexity in architectural design skills in an urban context with a focus on ethical and sustainable design solutions and practice. This requires the synthesis of issues, ideas, knowledge and techniques of architectural design as a holistic practice. This unit also advances on understanding the interdependencies among social, cultural, economic and environmental dimensions at local and global levels - crucial to sustainable design for human settlement. Design is the core activity of architecture and the architectural design studio is a major component of the architecture course. This unit deals with synthesis and integration of knowledge and skills from various domains of knowledge in a major project. As part of the research and learning focus in the School of Design, emphasis will be placed on the exploration and application of concepts of sustainability in design of multi-residential housing types in international contexts.

DAH525 Architecture and the City

| | |
|-----------------|--|
| Equivalent s | ADB013, DAB525 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit aims to give a comprehensive overview of issues and techniques relevant to architectural design at an urban scale. Teaching and learning activities are spread across lectures, online activities and workshops.

DAH530 Integrated Technologies 2

| | |
|-----------------|--|
| Pre-requisites | DAB435 or DAB212 |
| Equivalent s | ADB024, DAB530 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

The aim of the structure segment of the unit is to familiarize students with the qualitative influences of structural systems on the design development of buildings. In particular the possibilities and limits of building structure are explored in relation to architectural intention through the use of exemplar. The aim of the construction segment is to familiarize students with various construction systems used in medium-rise

commercial buildings. Here the emphasis is on the criteria to be used for the selection of appropriate systems and their associated materials.

DAH635 Architectural Technology 2

| | |
|-----------------|--|
| Pre-requisites | DAB530 or DAH530 or DAB311 |
| Equivalent s | ADB025, DAB635 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit provides a basis to create safe, functional and comfortable buildings. It looks at the principles, equipment and the architect's role (building services procurement, consultation on design decision making, establishing selection criteria for systems and equipment, an understanding of the spatial requirements and communication systems for low-rise buildings). In addition it focuses on the role and direction of building consultants and the legislative requirements of building services. It also looks at the skills and knowledge to transform technical design ideas into built form through construction documentation by looking at the principles and application of building services and standards. In this unit, building services, fire safety, and building code requirements are offered as drivers of architectural design. Ultimately the unit enables you to face architectural issues and meet

the requirements of the Building Code of Australia for a range of user requirements.

DAH710 Architectural Design 7

| | |
|-----------------|--|
| Pre-requisites | DAB301 or DAB510 or DAB511 or DAH510 |
| Equivalent s | ADB007, DAB710 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit offers an advanced level investigation into the field of architectural design with particular focus on industrial buildings and workplaces. On completion of this unit you should be able to demonstrate: you understanding of building typologies and an awareness of the forces shaping their development; critical, analytical, and speculative research skills applicable to architectural projects; an ability to develop a reasoned position in relation to architectural issues, and to design from that position; and the application of knowledge and skills in architectural technology to the design process.

DAH811 Architectural Design 8

| | |
|-----------------|---|
| Pre-requisites | (DAB635 or DAH635 or DAB312) and (DAB610 or DAB611 or DAH610 or DAB302) |
| Equivalent s | DAN135, DAN230 |
| Credit Points | 36 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-2 |

This capstone unit integrates

architectural design, building services, environmental technologies and construction systems knowledge into an advanced design solution. It focuses on the holistic integration and detailed resolution of an architectural project and the communication of complex design problems. This unit centres on the design of a medium-sized public building in an urban context. It deals with synthesis and integration of conceptual, spatial, aesthetic and technical knowledge as applied to the urban environment through the resolution of a design challenge. This unit allows for the in-depth development of an architectural design and its technological resolution. It draws upon all preceding units in the course and requires detailed design development and construction documentation of a complex building. The unit aims to promote your understanding of advanced techniques for the design of environmentally friendly, sustainable and healthy buildings.

DAN101 Master Studio A

| | |
|-----------------|---------------------------------|
| Credit Points | 24 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-1 |

This unit offers a focused high level investigation into the field of design as applied to architecture through the investigation of a complex design problem. It uses developmental exercises to enhance student perceptions of

the built environment in a problem based learning environment. Design theory, sustainability, sociology, history and critique, as they all apply to architectural design, all form part of the unit content. Design projects require synthesis of a range of abstract issues to achieve focused architectural proposals.

DAN125 Contemporary Architectural Culture

| | |
|----------------|--|
| Equivalent s | ADN014, ADB014 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit explores the rise of theoretical discourses that stimulated critical architectural debates, since Modernism and the late 1960s, specifically as they emerged from the social and political fabric of modern and contemporary war and its development. Architectural theory is understood not as an abstraction or severance from concrete architectural production, but as an active agent through which architecture responds to radical politics and a broader cultural dialogue, in order to transform the real of design practice and the architecture studio alike.

DAN145 Architectural Professional Practice

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

This unit introduces and consolidates key issues in discourses about the professional practice and business of architecture. The unit is delivered in two key modules. Module 1 investigates how to become and what it means to be a professional registered architect, specifically examining the organisation and roles of the bodies that govern the profession of architecture in Australia and the necessity for an ethical orientation in professional life. Module 2 expands on this knowledge, by providing a detailed understanding in the processes of professional relations, with a specific focus on leadership skills, collaboration, communication, discrimination, and health and wellness issues.

DAN201 Master Studio B

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

This unit offers a focused inquiry into applied architecture through the investigation of a complex design problem which demonstrates high level design proficiency. It uses developmental exercises to enhance and extend your perceptions of the built environment in a problem-based learning environment. As such, the unit develops your advanced architectural design skills with focus on the development of evidence-based design and reasoned

argument skills. Your projects should demonstrate a high level of research and judgement in the following areas: evidence and assessment, contextual response, spatial qualities and organisation, planning and functional requirements, formal qualities, and tectonic development. The unit offers a problem-based learning experience that engages with advanced architectural design issues. Emphasis will be placed on design exploration and outcomes that embrace and integrate all areas of architectural concern.

DAN235 Project Management

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

This unit provides an understanding of architectural project management. In particular, it aids you to better transition from student to practitioner. It examines the project management process including inception, schematic design, design development, documentation, contract administration and completion, with special emphasis is given to the types of specialist professional writing required at each of these stages. It also looks at why and how architects conduct feasibility studies for prospective projects, project programming, and post occupancy evaluations of constructed projects, journalistic writing, professional correspondence

and professional development. Practising architects require knowledge of both applied project management theory and practice. When the delivery of architectural services is efficient, projects are more likely to successfully meet their goals and objectives, thus fulfilling the expectations of clients.

DAN245 Contract Administration

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

This unit provides the knowledge to engage in an architectural practice. It focuses on practice management, design development, documentation, and building contract administration phases in the successful procurement of buildings. It addresses the regulatory, contractual and legal framework within which building this takes place. As such, this unit reinforces, builds upon and consolidates prior learning concerning the documentation and contract administration of architectural building projects. It is delivered in two key modules. Module 1 provides a detailed understanding of the organisation, structure and management of setting up an architectural office. Module 2 examines various forms of contracts, emerging codes and standards that must be adhered to in Australia, the contract administration phase of projects, and includes a

review of the laws and statutory regulations that control the practice of architecture.

DED202 Introducing Design History

| | |
|----------------|--|
| Equivalent s | DEB102, DEB202, DYB114, DYB124 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

Designers within any discipline should possess the ability to appreciate the history of design, across all its disciplines or forms. This involves appreciation of developments in design history and theory from multiple perspectives. Learning from the past enriches and informs future design. A breadth of design history knowledge increases the creative opportunities and problem solutions that can be applied in design studios.

DEH701 Research Methods

| | |
|----------------|--|
| Pre-requisites | DAB301 or DAB511 or DAB510 or DAH510 or DNB503 or DNB501 or DNH603 or DNB311 or DTB501 or DFH501 or KFB301 or DXB212 or DXB501 or KIB314 or DLB510 or DLB500 |
| Equivalent s | DEB701 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

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

DFB102 Introduction to Fashion Communication

| | |
|----------------|---|
| Equivalent s | KFB103 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit provides an introduction to some of the complexities of the global fashion system and is intended to provide foundational knowledge and skills for students who wish to pursue further studies in fashion communication.

DFB104 Fashion Sustainability

| | |
|----------------|---------------------|
| Equivalent s | DFB203, KFB104 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove |

This unit is in the developmental stage of the program and provides you with a foundational knowledge of environmental and social impacts of fashion production and consumption. Throughout the unit you will examine the environmental and social impact of different industry business models, materials and production methods in order to develop the skills and mindset to apply more sustainable practices. It also introduces fashion systems as complex supply chains spanning raw fibre through to manufacturing, design, retailing and garment use, disposal systems at end of life, fibre and textiles, industry structures, and business models grounded in sustainable and ethical practices.

DFB105 Fashion Visualisation

| | |
|----------------|--------------------------------|
| Equivalent s | DYB122, DFB302, KFB107 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit develops your skills and knowledge in visual communication and presentation for fashion. It highlights both analogue and digital skill sets necessary for fashion industry practices. The ability to effectively communicate visual fashion ideas is a core skill in the fashion industry. You will learn both technical industry conventions and expressive creative processes required for

visual communication and presentation of fashion products and ideas. This unit provides you with the opportunity to start building a portfolio of practical work to showcase your developing skills.

DFB110 Fashion Design Studio 1

| | |
|----------------|--------------------------------|
| Equivalent s | DFB101, KFB101 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit is the first in a series of Fashion Design Studio units in the Bachelor of Design Fashion program and provides introductory knowledge and skills for the theory and practice of fashion design, including sustainable practices.

DFB111 Fashion Design Studio 2

| | |
|----------------|--------------------------------|
| Pre-requisites | DFB110 or DFB101 |
| Equivalent s | DFB201, KFB102 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit advances your knowledge of fashion design principles and processes including the development of effective skills to communicate and realise design ideas in an integrated studio environment. It aims to provide a positioning framework for you to conceptually explore the realm of social enterprise and fashion. This unit is the second

in a series of Fashion Design Studio units and provides further introductory knowledge and skills for the theory and practice of fashion design including sustainable and ethical practices. The suite of Fashion Design Studio units form the spine of learning for fashion design understandings in the Bachelor of Design (Fashion) program.

DFB204 Fashion Product Development

| | |
|----------------|---|
| Pre-requisites | DFB105, DYB122, DFB302, or KFB107 |
| Equivalent s | DFB406, KFB211 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1 |

This unit further develops your knowledge, skills and application for professional fashion communication and product development in the fashion industry. The unit focuses on commercial fashion design and product styling.

DFB205 Fashion Media

| | |
|----------------|---|
| Pre-requisites | Completion of 72 credit points of study |
| Equivalent s | DFB304, KFB210 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit offers insight into the connection between media and fashion image making. This unit introduces you to critical historical, interdisciplinary and industrial approach to the study

Units

of fashion media, exploring media and digital social platforms that have contributed to the dissemination of fashion.

DFB206 Global Fashion Cultures

| | |
|----------------|---|
| Pre-requisites | Completion of 72 credit points of study |
| Equivalent s | DFB402, KFB207 |
| Credit Points | 12 |
| Campus | EXCHANGE, Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit further develops your knowledge of the complexities of global fashion systems, and builds on the application of your skills in fashion visual communication, with an emphasis on visual analysis. The unit focuses on the diverse aesthetics and practices of global fashion cultures since the mid-twentieth century.

DFB207 Fashion and Style Journalism

| | |
|----------------|--------------------------------------|
| Pre-requisites | DFB102 or CJB201 or KFB103 or KJB224 |
| Equivalent s | DFB404, KFB205 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit provides skills to conceptualise and produce fashion and style editorial content in various styles and in both Australian and international contexts. It maps the scope and practice of fashion and style journalism, a profession offering career

options for journalists, photographers, designers, writers and fashion specialists. In this unit, you will use your developing professional skills to produce fashion and style editorial content and/or contribute to the production of a fashion and style magazine and/or website. Magazines and digital media map key changes in fashion in similar ways, forming opinions about fashion and taste. Fashion writing and styling is also a key skill in public relations for a brand curating and editing brand e-magazines, social media management and content creation in general. This unit addresses key skills learnt during the course and practising these skills in a real world, practice-based learning environment.

DFB209 Global Fashion History

| | |
|----------------|--------------------------------|
| Equivalent s | DFB303, KFB109 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

The unit provides an introduction to the foundations of fashion history through a global perspective of trade, culture and style. This unit presents a new approach to the study of fashion history as a meeting point between Western and non-Western cultures.

DFB301 Fashion Design Studio 3

| | |
|----------------|----------------------------|
| Pre-requisites | DFB111 or DFB201 or KFB102 |
| Equivalent | KFB200, KFB201, KFB403 |

| | |
|----------------|---|
| s | |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit is the third in a series of eight Fashion Design Studio units and provides expanded knowledge and skills for the theory and practice of fashion design. The unit builds upon the understandings acquired in the unit DFB201 Fashion Design Studio 2 and also provides a base for understanding industry / professional fashion contexts. The suite of Fashion Design Studio units form the spine of learning for fashion design understandings in the Bachelor of Design (Honours) Fashion program and include practical skills and knowledge of garment construction and pattern cutting.

DFB305 Critical Fashion Studies

| | |
|----------------|--|
| Pre-requisites | Completion of 48 credit points of Fashion units (DF% coded) |
| Equivalent s | DFB602, KFB305 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-2 |

This advanced level unit deepens your critical fashion engagement and consolidates your skills in fashion communication. It prepares you to play a leadership role in shaping the dialogues that are

transforming fashion practices. The aim of this unit is to develop your critical, analytical and communication skills in the context of the global fashion industry and wider cultural debates. Embracing an interdisciplinary approach characteristic of current fashion scholarship, this final unit builds on the theoretical and practical knowledge developed in DFB206 Global Fashion Cultures and DFB209 Global Fashion History and provides you with the opportunity to develop sophisticated research and written communication skills, preparing you to contribute to shaping the dialogues and debates that are changing the contemporary fashion industry.

DFB401 Fashion Design Studio 4

| | |
|----------------|---|
| Pre-requisites | DFB301 or DFB210 or KFB200 |
| Equivalent s | KFB202, KFB404 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit provides expanded knowledge and skills for the theory and practice of fashion design for societal contexts, including the development of more advanced skills to communicate and realise design ideas in an integrated studio environment. The suite of Fashion Design Studio units form the spine of learning for fashion design understandings in the Bachelor of Design

(Honours) Fashion program and include practical skills and knowledge of garment construction and pattern cutting. This unit is the fourth in a series of eight Fashion Design Studio units and provides more advanced knowledge and skills for the theory and practice of fashion design. It builds upon the understandings acquired in the unit DFB301 Fashion Design Studio 3 and also provides a base for understanding fashion in societal contexts. DFB403 Advanced Fashion Studio Practice provides support for more complex practical skills and knowledge in garment patternmaking and construction.

DFB403 Advanced Fashion Studio Practice

| | |
|----------------|---|
| Pre-requisites | DFB210 or DFB301 or KFB200 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit provides advanced/specialist technical skills and knowledge of fashion design studio practice (garment construction and pattern making) for the Bachelor of Design (Honours) Fashion program. This unit provides support for the unit DFB401 Fashion Design Studio 4 and gives requisite specialist technical skills and knowledge for subsequent Fashion Design Studio units.

DFH501 Fashion Design Studio 5

| | |
|----------------|---|
| Pre-requisites | DFB211 or DFB401 or KFB202 |
| Equivalent s | KFB301, KFB405 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit is the fifth in a series of eight Fashion Design Studio units in the Bachelor of Design (Honours) Fashion program and provides advanced knowledge and skills for the theory and practice of fashion design, in niche/unique contexts.

DFH601 Fashion Design Studio 6

| | |
|----------------|---|
| Pre-requisites | DFH501 or KFB301 |
| Equivalent s | KFB302, KFB406 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit provides specialist knowledge and skills for the theory and practice of fashion design. The suite of Fashion Design Studio units form the spine of learning for fashion design understandings in the Bachelor of Design (Honours) Fashion program. This unit is the sixth in a series and builds upon the understandings acquired in the unit DFH501 Fashion Design Studio 5. It provides more advanced

knowledge of fashion design in order to begin to develop a formative individual design identity. It also includes practical skills and knowledge of garment construction and pattern cutting.

DFH701 Fashion Design Studio 7

| | |
|----------------|---|
| Pre-requisites | DFH601 or KFB302 |
| Credit Points | 24 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit is the seventh in a series of eight Fashion Design Studio units in the Bachelor of Design (Honours) program, and forms the start of the capstone experience for an extended independently-led fashion project.

DFH801 Fashion Design Studio 8

| | |
|----------------|--------------------------------|
| Pre-requisites | DFH701 |
| Credit Points | 36 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit aims to provide you with advanced knowledge of fashion design as well as professional decision making, planning and organisational skills in order to execute and complete an extended independently-led research fashion project. It is the final in a series of eight Fashion Design Studio units in the Bachelor of Design (Honours) program and forms the

capstone experience for an extended independently-led research fashion project.

DLB101 Landscape Studio 1

| | |
|----------------|---------------------------------|
| Equivalent s | DLB100, DLB130 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit is your first landscape design studio, introducing you to foundational landscape design knowledge, skills, and applications. You will acquire these in stages, covering a range of design principles, theories and processes which you will apply to real or simulated design scenarios. The first stage is an immersion in, and familiarisation with, landscape's structural and compositional relationships and ways to interpret and express these. Next you will learn to apply basic design problem solving processes to articulate landscape design propositions in response to your interpretations. You will learn and experiment with design and discipline-specific language including application of the representational techniques. This studio prepares you for the ongoing series of landscape design studio units.

DLB102 Landscape Studio 2

| | |
|----------------|----------------|
| Pre-requisites | DYB111 |
| Equivalent s | DLB200, DLB210 |
| Credit Points | 12 |
| Campus | Gardens Point |

| | |
|----------------|---------------------------------|
| Availabilities | Gardens Point - SEM-2 |
|----------------|---------------------------------|

This unit introduces landscape design principles, theories and processes, and their application in problem solving and articulation of landscape architectural propositions. It consolidates and provides foundational skills and knowledge to develop ongoing landscape design studio units. Through critical thinking and experimental design propositions you will explore the relations between the process and concepts of landscape, space, scale, time and landscape atmospheres. You will experiment with design development processes and the language of landscape design to articulate and communicate ideas. This unit builds on DLB101 Landscape Studio 1 and DYB111 Create and Represent: Form, inviting you to interpret wider dimensions of landscape and experiment with design development and representation. It guides you to apply the representational techniques you will learn in DYB113 Create and Represent: Materials.

DLB240 Landscape Technology

| | |
|----------------|--|
| Pre-requisites | DLB103 |
| Equivalent s | DLB430 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit introduces the  **a university for the real world**

foundational principles and processes of landscape technology to understand and apply the technical manipulation of landforms as part of the landscape design process. It continues your DLB101 design learning at a finer scale of detail and precision including landform grading for drainage and circulation. This unit extends the technical graphic design development and communication skills developed in DLB103 and prepares you for the intermediate-level unit in landscape construction, DLB440.

DLB300 Landscape Design 3

| | |
|-----------------|--|
| Pre-requisites | DLB100 |
| Equivalent s | DLB310 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This intermediate-level landscape design studio unit explores theories of environment and behaviour, place-making and environmental psychology, including people perception and response to landscapes both individually and collectively. It builds on the foundational knowledge, skills and applications you learnt in first year and in DLB325, and on your understanding of landscape as a cultural expression, developed in DLB200. You will engage in the

application of these theories for systematic landscape appraisal and design development to articulate sustainable site-based design propositions. You will further develop your application of the representational techniques learnt in DLB103 and DLB203 consolidating the details of landscape design communication conventions as well as experimentation.

DLB320 Landscape Horticulture

| | |
|-----------------|--|
| Equivalent s | DLB230 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This introductory level unit builds on the foundational knowledge of environmental sustainability from DEB100, and the knowledge, skills and applications in your first year core landscape architecture units. It introduces you to applied scientific, horticultural and planting design principles and the basic plant sciences (botany, ecology and horticulture) including: botanical nomenclature, morphology, plant forms, assemblages and systems, and plant cultivation requirements. You will apply this knowledge to develop and articulate sustainable site-based planting design propositions and learn the specific conventions of planting design communication. This unit prepares you for your first intermediate level landscape

design studio DLB400 and further studies in environmental science in DLB420.

DLB325 People and Place

| | |
|-----------------|--|
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This introductory level unit builds on the foundational knowledge of design history to address theories of environment and behaviour, place-making and environmental psychology, including people perception and responses to landscapes both individually and collectively. It looks at foundational concepts developed from the 1960s to the present regarding human interactions and relationships with the environment essential to the formulation of sustainable landscape design propositions. You will explore and apply this knowledge in stages including a site-specific project to develop your critical thinking and research skills. This unit prepares you for further expansion of your design understanding and skills in DLB400 and independent interpretation of the effects of past and present landscape designs in your third year unit DLB525.

DLB400 Landscape Design 4

| | |
|----------------|--------|
| Pre-requisites | DLB200 |
| Equivalent s | DLB410 |

Units

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

This unit aids you to apply the theories of urban ecology in landscape appraisal and design development. This intermediate-level landscape design studio unit consolidates the introductory knowledge, skills and applications learnt so far. In conjunction with DLB420, you will explore design theories and processes related to urban ecology including human processes in landscape formation. You will apply these in the appraisal and design of site-based landscape propositions, including their sustainable integration into wider landscape systems such as the movement and exchange of people, capital, services, water and energy. This unit will build on your understanding of the complexities of landscape and consolidate your landscape design development and communication skills, preparing you for further expansion of your intermediate level design skills in DLB500.

DLB420 Landscape Systems

| | |
|----------------|---------------------------------|
| Equivalent s | DLB330 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit helps you apply theoretical concepts of landscape ecology and

regional ecosystems to sustainable landscape design and planning approaches in combination with an understanding of geomorphological and human settlement processes. This introductory level unit builds on foundational knowledge of environmental sustainability. In conjunction with the unit DLB400, it looks at landscape ecology and regional ecosystems theory with geomorphologic and human processes in landscape formation. Landscape architects need to understand the systems that create and are created by the landscape, and so this unit enhances your ability to comprehend the interconnectedness of landscape structures, systems, processes and developments, essential to the formulation of sustainable landscape design propositions. You will apply this knowledge in a semester-long landscape study project, thus expanding your understanding of landscape from a small site to a broad and holistic level.

DLB440 Landscape Construction

| | |
|----------------|--|
| Pre-requisites | DLB240 or DLB201 |
| Equivalent s | DLB530 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit introduces the structural, material and legislative principles and

processes of landscape design construction. It introduces basic structural theories, material properties and principles, and design and construction principles and processes. These help you analyse technical briefs and critically evaluate and select appropriate materials and construction techniques to formulate sustainable landscape design propositions and implementation strategies. This unit also introduces you to the legislative environment governing landscape construction. It extends the technical graphic design development and communication skills you developed in DLB240, and prepares you for the advanced-level unit in landscape design, technology and construction - DLH600.

DLB500 Landscape Design 5

| | |
|----------------|--|
| Pre-requisites | DLB300 |
| Equivalent s | DLB510 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This final intermediate level landscape design studio unit builds on the knowledge, skills and applications consolidated in DLB400. In conjunction with DLB525, you will explore design theories and processes related to interactions between society (including culture, economy and technology) and the environment, placing an

emphasis on developing landscape speculations which address sustainability in cultural and biophysical landscape contexts. Your learning will involve the rigorous testing of design ideas against the constraints of selected landscapes and briefs. You will develop and test a philosophical basis for design exploration, engaging with experimental design processes and self-directed research. This unit shifts your learning toward greater design complexity and independent application and development of your communication skills. It prepares you to engage with advanced level landscape design in DLH600.

DLB525 History and Criticism of Landscape Design

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

This intermediate level unit builds on the broad foundational knowledge of design history in DEB202 and theoretical knowledge and critical thinking and research skills learnt in DLB325. Learning from the past enriches and informs our current and future landscape design practice, and in conjunction with DLB500, you will explore the ways history and criticism inform us about interactions between society (including culture, economy and technology) and the

environment (materials, climate, landform, ecology, etc.), and the consequences for designed landscapes. You will review landscape design and criticism across world history through the lens of historiography (critical examination of history). This unit consolidates the communication techniques you learnt in DEB100 and DLB325, and prepares you for critical explorations of design history and theory to support your advanced level landscape design units.

DLH600 Landscape Design 6

| | |
|----------------|---------------------------------|
| Pre-requisites | (DLB440 or DLB302) and DLB400 |
| Equivalent s | DEB601 and DLB630 |
| Credit Points | 24 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit addresses landscape design and technology / construction principles and processes. It is your first advanced-level landscape design studio unit, and your first 24-credit-point unit in the 4-year landscape architecture course. As such, it unites and builds on technical landscape design principles and processes in a program of advanced design resolution through the development of technical documents commensurate with those produced by the profession for landscape construction contractors. It shifts your learning toward greater creative and technical design specificity and independent

application, providing a solid foundation for your final year landscape design studios beginning with DLH700.

DLH700 Landscape Design 7

| | |
|----------------|---------------------------------|
| Pre-requisites | DLB500 |
| Equivalent s | DLB700, DLB710, DLB810 |
| Credit Points | 24 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This advanced level 24 credit point landscape design studio unit builds on the knowledge, skills and applications developed in your landscape architecture core units to date. In it you will explore advanced theory in landscape planning to help you conceptualise the complex social and environmental issues and policy frameworks that inform land development, and the related design and planning theories and processes such as those emerging through landscape urbanism. In a sustained, semester-long project you will engage with a large scale site and associated complex problems of planning, design and management, and independently formulate innovative and sustainable landscape planning and design propositions and implementation strategies. This unit shifts your learning toward greater complexity and independent application of advanced skills in the generation of detailed communication and presentation techniques commensurate with

Units

professional-level landscape architectural investigation and practice. The following semester unit DLH800 will build on these skills in your capstone landscape project.

DLH800 Landscape Design 8

| | |
|-----------------|---------------------------------|
| Pre-requisites | DLH600 |
| Equivalent s | DLB730, DLB830 |
| Credit Points | 24 |
| Campus | Gardens Point |
| Availabili ties | Gardens Point - SEM-2 |

This capstone unit aims for you to be able to apply theories of Landscape Planning and Landscape Urbanism in landscape appraisal and design development. You will undertake a sustained thesis-style project at an advanced conceptual and schematic landscape design level based on substantial independent research and rigorous design development. Understanding landscape architecture as a contextual and relational discipline, you will formulate innovative and sustainable landscape planning and design propositions and implementation strategies to balance competing social, cultural, economic, and ecological constraints and opportunities. This unit develops independent skills in investigation and practice enabling you to engage with a wide range of projects. It consolidates your individual expression of the knowledge, skills and application of landscape design principles, theories and processes

developed in your landscape architecture core units to date.

DLH845 Professional Practice in Landscape Architecture

| | |
|-----------------|---------------------------------|
| Equivalent s | DEB801 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabili ties | Gardens Point - SEM-2 |

This unit introduces the legal and regulatory environment in which landscape architects operate. Design practice requires the understanding and adherence to a range of ethical, cultural, business and legal concerns and requirements. This unit provides you with the knowledge to understand and participate in professional design practice by introducing key issues in the design professions, including: the organisation and roles of the regulatory and professional bodies governing the professions; the cultural and legal context for contemporary design practice; essential skills in consultancy and construction contracts; and the ethical values and attitudes which govern professional practice. An emphasis on integrated scholarship and collaborative links with other professions will build your capacity and resilience as you transition from life as a university student to life as a beginning professional.

DNB110 ID Studio 1: User Centred Design

| | |
|---------------|----|
| Credit Points | 12 |
|---------------|----|

| | |
|-----------------|---|
| Campus | Gardens Point and External |
| Availabili ties | Gardens Point - SEM-1 External - XCH-2 |

This unit introduces students to User Centred Industrial Design. Students will gain skills, knowledge and experience in designing products with human factors in mind.

DNB111 ID Studio 2: Aesthetics and Visualisation

| | |
|-----------------|---------------------------------|
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabili ties | Gardens Point - SEM-2 |

This introductory unit advances knowledge and skills with analogue and digital visualisation techniques to explore, elaborate and communicate your design ideas effectively. The most common and complex aspect of industrial design deals with creating aesthetically pleasing products imbued with meaning and value through form and function. Continuing the development of design process knowledge and skills established in DNB110 ID Studio 1: User Centred Design, this unit delves deeper into ideas of aesthetics and meaning in order to advance the quality of everyday products.

DNB301 Industrial Design 3

| | |
|----------------|--------------------------------------|
| Pre-requisites | DNB101 or DNB110 |
| Equivalent s | ADB203 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |

Units

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

This unit provides you with the knowledge and strategies to understand the relationships between products and systems. As such, it introduces design investigation and application of design methods to support sustainable practices in constructed and natural environments. It covers introduction to products and systems differences; intermediate design methods and design management.

DNB304 Product Technology 1

| | |
|----------------|--|
| Equivalent s | DNB302, DNB303 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit focuses on providing skills in applied technology as part of the design which is essential for the practice. It advances knowledge on commonly used materials, allowing you to gain an understanding of how manufacturing constraints and opportunities affect the design process. It aids your knowledge of 3D parametric Computer Aided Design (CAD) and of how this is incorporated into the design process. Additionally, the unit provides skills in creating 3D CAD models and using them to communicate design intent. Industrial designers are involved in the design,

requirements, constraints and opportunities imposed by manufacturing, known as Design for Manufacture (DFM), thus also needs the skills to turn them into viable product designs. As industrial designers typically develop products for mass production, effective communication of their design intent is essential.

DNB305 Culture and Design

| | |
|----------------|--|
| Equivalent s | DNB402 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit explores how culture and society influence the design of products and systems. It introduces everyday socio-cultural factors providing a global perspective on cultural diversity and its influence on people perception and engagement with products or systems as well as its implications for design. This unit engages with a broader perspective of culture and understands its impact on product design and the designer's interaction with a multicultural society. It addresses theoretical perspectives of culture; psychological implications of everyday human-artefact interactivity; environmental and cultural perception; changing socio-cultural landscapes; ageing population; sustainability and globalisation; the potential for design to advance social changes and

quality of life; and psychological implications and attitudes embedded in product semantics and symbolics.

DNB401 Industrial Design 4

| | |
|----------------|--|
| Pre-requisites | DNB201 or DNB110 or DNB111 |
| Equivalent s | ADB204 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

The unit examines how various design approaches contribute to the design of complex product or systems and explores designer-client relationships. Through a collaborative project you will be exposed to: introduction to design research and innovation; communication skills; and manufacturing technologies. This unit advances the knowledge gained in DNB301 Industrial Design 3. You will continue the development of critical and analytical design thinking within cultural, environmental and global contexts with special emphasis on the development of product-based design thinking within a system-based framework.

DNB404 Product Technology 2

| | |
|----------------|--|
| Pre-requisites | DNB304 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External |

- XCH-1, XCH-2

This unit will introduce knowledge on advanced materials, reinforce knowledge on commonly used materials and processes, and explore how manufacturing constraints and opportunities affect the design process. It will also increase your skills and knowledge of 3D parametric Computer Aided Design (CAD) and give you an understanding of how this is incorporated into the design process. In this unit, you will extend your experience and skills in creating 3D CAD models and use these models to communicate design intent. Industrial designers require extensive knowledge of Design for Manufacture (DFM) and Computer Aided Industrial Design (CAD), topics explored in the prerequisite unit DNB304 Product Technology 1. This forms an essential part of the skills and knowledge base required of Industrial Design practitioners.

DNB405 History, Theory and Criticism

| | |
|----------------|--|
| Equivalent s | DNB502 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit provides a historical, theoretical and social context for industrial design. It addresses theoretical and historical discourse in industrial design prompting you to debate innovative and

advanced ideas and critical thinking in the field internationally. The unit looks at the relationship between social and technological change, and industrial design; contemporary design theory and discourse; criticism methodology; writing about design; and learning to critique design. Knowing about design is a crucial part of becoming a designer. This requires an understanding of the relationship between technology, people and society, and what has historically influenced the emergence and development of the profession. This unit aids you to develop methods of impartially reviewing, writing about and critiquing products, artefacts and other designed things. These skills will equip you to think more broadly about products you may create, and evaluate existing designs more effectively.

DNB503 Industrial Design 5

| | |
|----------------|--|
| Pre-requisites | DNB401 and DNB404 |
| Equivalent s | DNB501 |
| Credit Points | 24 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit introduces you to design methods and strategies to explore people's behaviours and the context of use of everyday products. The design approach focuses on the user experience and on developing product designs that are

suitable for manufacturing.

DNH603 Industrial Design 6

| | |
|----------------|--|
| Pre-requisites | (24 cp from DNB503, DYB201, DYB301, DNB310) or ((DNB212 or DNB404) and (DNB310 or DNB401 or DYB201 or DNB210)) |
| Equivalent s | DNB601 |
| Credit Points | 24 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit provides an introduction to the concept of interaction design where product design approaches can be applied within a design studio environment. It also introduces interdisciplinary design concepts and strategies that are relevant to the design of future products and systems. In this unit you will learn a core aspect of Industrial Design - the interaction between humans and physical products. This unit extends methods and techniques gained from DNB503 Industrial Design 5 to the analysis of human experiences, and people-product interactions and behaviours in the context of use. As more products integrate digital and physical interfaces, people's experiential responses must be addressed. To achieve this, this unit advances on acquired design methods and techniques by transferring them across disciplines. Prototyping is a key aspect of this unit where the design intent must be demonstrated through the use

Units

of model-making and basic interaction technical tools.

DNH703 Applied Design Research 1

| | |
|-----------------|---------------------------------|
| Pre-requisites | DNH603 or DNB311 |
| Equivalent s | DNB702, DNB703 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-1 |

This unit incorporates studies of the dynamic relationships between people, products/artefacts and systems, and their contextual environment. The unit will introduce you to the ways research about people can contribute to product innovation, an essential aspect of industrial design. It will introduce how to integrate the applied research skills and knowledge that support the development of an innovative product or system proposal. It also provides you with the foundation for higher research degrees. The major topics covered in this unit include: human-centred innovation framework application of qualitative research methods to industrial design; situating product/ systems within the socio-cultural context; and communication of research outcome.

DNH704 New Product Development

| | |
|----------------|------------------------|
| Pre-requisites | DNH603 or DNB311 |
| Equivalent s | ADB235, DNB602, DNB704 |
| Credit Points | 12 |

| | |
|-----------------|--|
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit will focus on the introduction of new products into the market. It will provide you with an overview of the relationship between product design and commercialisation. It will introduce you to strategy development where the aim is to meet consumer expectations whilst achieving corporate objectives. The major topics covered in this unit include: new product development process; idea generation; strategic planning; introduction to marketing; product screening and evaluation; and commercialisation and post-launch review.

DNH803 Applied Design Research 2

| | |
|-----------------|---------------------------------|
| Pre-requisites | DNH703 or DNB703 |
| Equivalent s | DNB701, DNB801, DNB802 |
| Credit Points | 24 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-2 |

This unit focuses on the design of a product or system to a professional level. It builds upon DNH703 Applied Design Research 1 and extends the application of research to the design of a product. You will learn how to integrate research and design knowledge to support novel design ideas. The unit contains seminar discourse. This is a capstone unit and it provides you with the foundation for higher

research degrees.

DNH804 Professional Practice in Industrial Design

| | |
|-----------------|--|
| Pre-requisites | Completion of 240cp in course |
| Equivalent s | DEB801 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit focuses on the introduction of the role of professional practice management and its significance to industrial design. It covers: the role of professional practice and management, management of design projects, type of contracts, the role of design administration, liability, design law, intellectual property, and designer-client relationships. The unit provides an overview of the relationship between product design and professional practice. It addresses professional practice management and uses this knowledge to manage your own projects. As a professional product designer, you will be required to interact with other professions within a project team. Therefore this unit will provide you with an understanding of contractual arrangements in relation to design law and intellectual property issues during project negotiations with clients.

DTB101 Interior Studio 1

| | |
|----------------|---|
| Pre-requisites | DYB111 can be studied in the same teaching period |
|----------------|---|

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| | |
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| | as DTB101 |
| Credit Points | 12 |
| Campus | EXCHANGE, Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Learning to design for interior design practice requires the development of coherent and advanced knowledge of design process, practice and content pertinent to the production of meaningful and socially responsive environments. This unit introduces you to this knowledge through lectures, readings, tutorials and projects that enable you to appreciate the knowledge and skills you already have that have application in design and how to enhance these with a specific focus on learning for interior design at a foundational level. The learning in this unit will be progressively developed through subsequent design units in the course.

DTB102 Interior Studio 2

| | |
|----------------|---------------------------------|
| Pre-requisites | DTB101 |
| Equivalent s | DTB201 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This first year Interior Architecture unit introduces the understanding of design not only as a language, but also as a spatial design activity through which you visualise your designs atmospherically and experientially. It addresses introductory concepts and

approaches found in cinematic techniques and site-based research as applied to interior design. It builds on the elementary principles of two-dimensional and three-dimensional design introduced in DTB101 Interior Design 1. This unit comprises teaching activities, readings, and projects with a specific focus on learning for interior design at a foundational level. The learning in this unit will be progressively developed through subsequent design units in the course.

DTB202 Interior Technology 1

| | |
|----------------|--|
| Pre-requisites | Completion of 72 credit points of Design units (D% units) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit develops sound competency in the technical communication of commercial construction and detailing of interiors in order to apply this knowledge to project work. It provides opportunities to develop your knowledge of the information required to assemble a set of construction documents for a commercial interior design scenario. It links to other core interior design units by introducing you to the commercial sector, in particular exploring 2D and 3D digital drafting conventions and the application of building codes and standards with an emphasis on accessibility. This unit will develop your

knowledge of the techniques and conventions required for digital documentation of technical material. It also covers the technical knowledge required to document a commercial project to meet relevant codes and standards with a focus on accessibility. These are fundamental skills required by a professional interior designer.

DTB301 Interior Design 3

| | |
|----------------|--|
| Pre-requisites | DTB201 |
| Equivalent s | ADB103 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit develops a critical understanding of some of the physical and psychological aspects related to design and designing, and aids you to apply this knowledge in selected interior design contexts. It addresses the knowledge, skills and application in the person-environment relationship and the implications for spatial design, as well as extending your knowledge of design process. You will investigate the fundamental aspects of transition, interiority, building character, site context, and materiality in relation to interior design practice and associated fields through the refurbishment of an existing one-storey building. It links to the work previously undertaken in DTB101, DTB201, and

DTB203, and prepares you to undertake more complex interior design projects and collaborative design process in DTB401.

DTB302 Colour Studies

| | |
|----------------|--|
| Equivalent s | ADB152 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit develops advanced knowledge in the theory and application of colour and its interdependence with light. It focuses on experimental research and design application of colour relevant to design and design practice.

DTB303 Interior Technology 2

| | |
|----------------|--|
| Pre-requisites | DTB202 |
| Equivalent s | ADB123 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit will provide opportunities to develop your knowledge and skills of the components required to assemble a set of construction documents for a commercial interior design scenario. It links to and builds on the concepts explored in DTB202 by introducing you to the commercial sector, in particular exploring 2D and 3D digital

drafting conventions, building codes, standards and basic services integration.

DTB401 Interior Design 4

| | |
|----------------|--|
| Pre-requisites | DTB301 |
| Equivalent s | ADB104 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit further develops your knowledge, skills and application in regards to the person-environment relationship, and the implications for dual-function, sensory spatial design, as well as building on foundational design processes. As such, it aims to integrate theoretical, technological, sociological and design methods to address design problems. You will define individual tasks and research such that design theory and collaborative design process become integral to the resolution of your design. You will investigate the fundamental aspects of immersion (Space/time 4th dimension, Reverie, Presence and Phenomenology) and Interaction (Participation, Experience, Responsibility, Inclusivity and Activism) in relation to interior design practice and associated fields through model making and the refurbishment of an existing two-storey building with vertical circulation.

DTB402 Interior Technology 3

| | |
|----------------|--|
| Pre-requisites | DTB303 |
| Equivalent s | ADB153 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit provides a greater complexity in commercial interior construction and services integration while also developing your technical drawing communication skills. It is in the developmental stage of your course and provides you with opportunities to develop your knowledge of services integration, technical drawing skills and communication in a variety of commercial applications using manual and 3D CAD drafting platforms. It forms a basis for all of your core design units while directly linking to your previous studies in units DTB202 and DTB303. As such, the unit provides the necessary knowledge, skills and application required to communicate your designs through all of your core units.

DTB403 Design Psychology

| | |
|----------------|--|
| Pre-requisites | Completion of 72cp of Creative Industries units (K% or D% units) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit provides the

theoretical and analytical basis to identify how the individual and the built environment interact, influencing behaviour and experience. Professional designers require an understanding of people-environment physical, psychosocial and existential interaction if they are to produce socially responsive environments. This unit is in the developmental stage of your course providing you with the opportunity to build on foundational understanding of the nature of human engagement and inhabitation and, in so doing, preparing you to develop advanced design knowledge and skills in your final year. Your learning in this unit is extended in year 3 through Design in Society to focus more on the socio-cultural aspects of design, providing core theoretical and technical knowledge to support intermediate and advanced design learning.

DTB501 Interior Design 5

| | |
|-----------------|--|
| Pre-requisites | DTB401 |
| Equivalent s | ADB105 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit further develops your knowledge, skills and application for interior design through project based real world issues and contexts. It links to the work previously undertaken in DTB 401.

DTB504 Design in Society

| | |
|-----------------|--|
| Pre-requisites | Completion of 72cp of Creative Industries units (K% or D% units) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit provides theoretical and analytical resources to enable you to identify the way the designed world intersects with social life. These insights are crucial to the capacity of design to respond to the way the designed world is lived and experienced. This unit will 1) review theories and case studies to illuminate the relationships between design and everyday practice across cultures and time, and 2) provide an opportunity to apply these insights in an analysis of a contemporary designed environment. Located in the 3rd year of your course, Design in Society provides valuable resources for design practice in other units as it develops concepts and processes suited to the emphasis in the latter years of the course - not just on problem solving - but on problem framing and conceptualisation. With its emphasis on socio-cultural aspects of design, Design in Society complements the more psychological emphasis of the unit, DTB403 Design Psychology.

DTH601 Interior Design 6

| | |
|----------------|--------|
| Pre-requisites | DTB501 |
|----------------|--------|

| | |
|-----------------|--|
| Equivalent s | ADB106, DTB601 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit further develops your knowledge, skills and application for interior design through more complex project-based real world issues and contexts. It links to the work previously undertaken in DTB501 and DTB502 and prepares you for the final year of the course. This unit enables you to apply your developing skills and knowledge; refine your design methods to undertake an informed and explorative design process; practise tackling problems that are ambiguous, ill-defined, and thereby, represent 'real-life' situations. You will also be given the opportunity to competently and innovatively tackle issues relevant to the contemporary and future world and develop a deeper understanding of specialised interior design environments.

DTH603 Furniture Studies

| | |
|-----------------|---|
| Pre-requisites | (DTB201 or DTB102) and (DTB303 or DTB306) |
| Equivalent s | DTB503 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-2 |

This unit provides you with an opportunity to develop and apply skills and knowledge in relation to the design and

making of furniture. This will involve the construction of a full size prototype in a workshop setting. Furniture and joinery are integral elements in an interior environment - aesthetically, socially, and culturally. You will therefore investigate aspects of the interior environment through the design of furniture and joinery within an appropriate context. As such, the unit develops at an intermediate course level your knowledge, skills and their application regarding furniture and joinery in the interior and exterior context with a specific focus on experimental design and prototype construction. It builds upon the technical issues introduced in the units DTB202 and DTB303.

DTH702 Interior Design Practice Studio 1

| | |
|----------------|---------------------------------|
| Pre-requisites | DTH601 or DTB601 |
| Credit Points | 24 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

The final year design program is aimed at adequately preparing you for the professional challenges ahead. This unit further develops and consolidates the knowledge, skills, and application abilities gained during the foundation and intermediate years of the course in order to prepare you for the final semester Capstone project. It is project-based with the major focus being on a course of self-directed learning in an area of personal and professional relevance,

enacted through high level engagement in the design studio. It is intended to guide you through the "transitional" phase of what is an on-going educational journey to becoming a fully qualified professional and beyond.

DTH802 Interior Design Practice Studio 2

| | |
|----------------|---------------------------------|
| Pre-requisites | DTH702 |
| Credit Points | 24 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

The unit encompasses a self-directed journey of "design through creative exploration". You articulate your own area of design interest, defining the focus of the year's work through research, analysis, experimentation, project development and refinement, communication, and presentation. It facilitates the exploration and development of each individual's design process and an area of personal design focus culminating in fully developed project outcomes. It is intended that you will continue to cultivate the ability to justify design decisions and validate design outcomes with reference to a framework of theoretical value judgments, and that this will aid in the development of an in-depth understanding of an area of interior design of personal and professional relevance at an advanced empirical and conceptual level.

DTH803 Professional Studies in Interior Design

| | |
|----------------|---------------------------------|
| Pre-requisites | DTB501 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This capstone unit aims to further prepare you to engage with and inform the discourse of the interior design discipline and profession in a way that is ethically and socially responsible. Assuming the role of a professional requires an attitude of service - to the client, the user and the wider community. Integral to this is attention to your own ongoing development as a professional as well as the ability to communicate proficiently within and contribute actively to the discourse of the discipline. While many of these attributes of professionalism have been addressed in your prior learning in the course, this unit provides the opportunity for a more direct focus while also providing a context for further developing and consolidating design practice knowledge and skills covered in DTH702 Interior Design Practice Studio 1.

DVB101 Visual Communication Design

| | |
|----------------|--------------------------------|
| Equivalents | DXB102, KIB101 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Visual Communication is based on the creation of meaning

through image and text and this plays a critical role in our contemporary world, which is visually and media driven. This unit will introduce you to the core principles, production approaches and presentation strategies of visual design and communication. Through this foundation subject, you will learn how to think and operate as a visual designer through studio-based learning and a series of industry-focused experiences.

DVB102 Image Design and Production

| | |
|----------------|---|
| Equivalent s | DXB202, KIB120, KVB204 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-2 |

This unit provides skills and knowledge for image creation and production across different contexts, styles and media. It also deals with issues of originality, creativity and suitability of images used in professional visual design, while increasing your skills and creative approaches to areas of illustration, information design, photography, and photo media design. It advances knowledge on aesthetic and formal qualities of new areas of image design and a growing technical skill set which will be built upon in further Visual Communication Design specialisation subjects. In a world of easily reproduced digital imagery, the ability to create your own original

illustrations, photos, textures and patterns can be highly competitive. Along with developing practical skills to generate original imagery for your design work, the unit further develops your capacity to critique and reflect upon practice.

DVB201 Typographic Design

| | |
|----------------|---|
| Pre-requisites | DVB101 or DXB102 |
| Equivalent s | DXB302, KIB231, KIB335 |
| Credit Points | 12 |
| Campus | EXCHANGE, Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

Typography surrounds us, and the way in which type is used is essential to the transmission and understanding of messages. This unit deals directly with the understanding of, use and manipulation of type in order to communicate messages more effectively and originally. It combines theory and practice, history and experimentation, and designing for print and digital media, all within a vibrant studio environment. You will engage with dynamic, creative briefs and use type as the main element of visual expression in your work.

DVB203 Theories and Methods of Visual Communication

| | |
|----------------|------------------|
| Pre-requisites | DVB101 or DXB102 |
| Equivalent s | DXB402, KIB207 |
| Credit Points | 12 |

| | |
|----------------|--------------------------------|
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit builds on your understanding of the principles of visual communication and its role in determining the values of our contemporary cultures and societies. Through exploring theoretical perspectives, discussions and class exercises you will critique and analyse images and visual communication designs occurring in multiple contexts. In doing so, you will develop further expertise in the production of contemporary communication design and the ethical, social and professional responsibilities of a designer. This unit directly builds upon the Visual Communication and Image Production units while providing opportunities to engage with critical analysis of images and experiences and evidence this through written expression and report writing.

DVB302 Data Visualisation and Information Design

| | |
|-----------------|--|
| Pre-requisites | Completion of 36 credit points of Visual Communication or Interaction units (DVB% or DXB%) |
| Anti-requisites | CCN104, CCN205 |
| Equivalent s | DXB502, KIB340 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Information and data is now an essential aspect of everyday life in our technologically-driven and visually rich society. In the contemporary world, the

generation of data is much greater than the ability to digest and visualise this as meaningful information.

Through this unit you will expand your visual design and communication knowledge and skills-base in the specialised and rapidly growing field of visual information design and data visualisation. Increasingly this represents an essential expertise for visual communicators of the future.

DXB110 Principles of Interaction Design

| | |
|----------------|---------------------------------|
| Equivalent s | DXB201 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit provides an introduction to Interaction Design theories, methods, tools and applications essential for a contemporary career in designing cutting-edge digital products, services and experiences for human interaction. Students will develop an understanding of a broad spectrum of interaction design theories and will apply this knowledge in practice to generate concepts and prototypes for new products and experiences. This will enable students to apply theory in practice, including undertake user experience research in response to real world briefs, critique leading industry case studies and practices, iteratively prototype solutions and evaluate usability of the outcome with regards to user experience.

DXB111 Web Prototyping

| | |
|----------------|---------------------------------|
| Equivalent s | DXB203, KIB103 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit introduces concepts and skills underpinning the user-centred design of web technologies, such as HTML and CSS. As such, it enables you to understand web technologies as a medium to explore design concepts and build responsive, high-fidelity, web-based prototypes. This includes translating conceptual designs into engaging prototypes while taking into account principles of interface and user experience design, layout, style and navigation. The unit enables you to formulate solutions to design problems and to produce high quality technical and aesthetic outcomes.

DXB204 Design Thinking

| | |
|----------------|--------------------------------|
| Equivalent s | DXB503 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit introduces you to the methods of design thinking and creative problem solving. It takes a values-based approach to design thinking and will see you apply your imagination and creativity to address a real world design challenge. In contemporary society, design thinking and creative innovation are the

differentiators behind every successful venture, from the commercial success of Apple to the social innovation and real change within our local and global community. They are recognised as the key capabilities for 21st century careers. This unit looks at the fundamentals of design thinking as you develop your own self-directed project aimed for real world impact. We are calling for students who are passionate about their studies and want to become change agents, social entrepreneurs, strategists, and innovative thinkers. This unit is about disruptive transdisciplinary practices that will challenge your imagination and expectations about what university and learning is.

DXB210 Critical Experience Design

| | |
|----------------|---------------------------------|
| Pre-requisites | DXB110 or DXB201 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Design does not operate in isolation. It creates impact beyond the design studio. All our decisions as designers affect not only the produced outcome, but the broader society, contexts and environments for which it is created. This unit provides you with design knowledge and skills necessary to create highly engaging interactive products, services and experiences from conception to production while focusing on their impact and potential of

design for change and deep transformation. In this unit you will adopt critical thinking and speculative design methods to analyse, design and present solutions for future scenarios – e.g. living in future cities, design of future hospitals, future of entertainment – as a way to re-frame present interactions between people, spaces and technologies.

DXB211 Creative Coding

| | |
|-----------------|--|
| Pre-requisites | 36cp of previous study |
| Equivalent s | DXB303, KIB205 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabiliti es | Kelvin Grove - SEM-1 External - XCH-2 |

As part of a contemporary design and creative practice, practitioners often need to understand aspects of creative computer programming. This unit provides designers and creative practitioners with an introduction to computer programming. It demonstrates how professional designers and creative practitioners use programming and introduces the principles of programming that will allow you to use computing as a creative tool for your own design and creative practice. The unit is presented in a manner that is suited to the learning styles of designers and creative practitioners, and requires no previous computer programming experience. These skills will be applied to the creation of creative visual and interactive design outcomes in a studio setting.

DXB301 Interface Design

| | |
|-----------------|---|
| Pre-requisites | (DXB203 or KIB103) and (DXB201 or KIB102) |
| Equivalent s | KIB204, KIB230 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabiliti es | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit provides an understanding of how to apply visual theory, visual communication and interaction design principles to the design of visual interfaces. Visual Interface design is an essential part of contemporary communication media. It is required to produce digital media forms for the web, mobile devices, or large touch screens. Through this unit you will learn how to design visual interfaces and advance your understanding of interaction design and its relationship with interface.

DXB304 Interactive Narrative Design

| | |
|-----------------|--|
| Equivalent s | KIB201 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit serves as an introduction to building interactive virtual worlds. It 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. It extends this understanding into practice through the application of relevant skills, which will scaffold you into the production of a portfolio work (suitable for interaction designers, game designers, media designers, creative writers). The role of the writer/image-maker/information designer is central to the success of any significant professional project in interactive media and game design. Effective interactive writing demands a grasp of conceptual and information design, the nature of interactivity, and the tensions between interactivity and traditional narrative.

DXB401 Advanced Web Design

| | |
|-----------------|---|
| Pre-requisites | DXB301 or KIB204 or KIB211 or KIB230 |
| Equivalent s | KIB216 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabiliti es | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit introduces advanced web design methodologies and technologies to help you address web publications as complex systems of people, practices, values and technology in local/global environments. Web design has extended from the concept of information delivery into social networking and other

expanded modes of engagement. Designing complex web projects involves interaction design and user experience design to specific project briefs. Core skills in web design and production methodologies are combined with a study of information ecologies, focusing on the social, cultural, technical, and real world contexts. This unit introduces 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.

DXB403 Design for Interactive Media

| | |
|----------------|--|
| Equivalent s | KIB109, KIB210, KIB214 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit introduces you to interaction design, user experience design, and design communication, focusing on the specific designs, techniques, and methods of the creative industries. In order to support careers in the field of interactive media design, it is important to underpin this understanding with knowledge of design, mindset and methods; as well as the social, historical, technical, and cultural contexts in which design occurs. Designing for

contemporary media requires a sophisticated understanding of how we effectively interact with new technologies, software applications, objects and environments. This unit develops an understanding of the theories, methods, and processes employed in interaction/experience design through a series of teaching activities. These principles are then applied to authentic design briefs within design studios.

DXB501 Tangible Media

| | |
|----------------|--|
| Pre-requisites | DXB303 or KIB205 or DXB401 or KIB216 or INB385 or IFB104 |
| Equivalent s | KIB314 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit builds upon previous interaction design studies and extends these studies into the field of tangible media. The design and production of computational and interactive media forms requires theoretical knowledge and an understanding of the processes that underpin the tangible as well as the embodied ways in which people interact with such systems. This unit provides the context for you to develop an in-depth knowledge of tangible media through the production of an advanced tangible media design project.

DXB502 Visual Information Design

| | |
|----------------|----------------------------|
| Pre-requisites | DXB302 or KIB231 or KIB335 |
| Equivalent s | KIB340 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - XCH-1 |

Information and data is now an essential aspect of everyday life in our technologically-driven and visually rich society. In the contemporary world, the generation of data is much greater than the ability to digest and visualise this as meaningful information. Through this unit you will expand your visual design and communication knowledge and skills-base in the specialised and rapidly growing field of visual information design and data visualisation. Increasingly this represents an essential expertise for visual communicators of the future.

DXH601 Integrated Experience Design

| | |
|----------------|--|
| Pre-requisites | DXB502 or KIB340 or DVB302 |
| Equivalent s | KIB338 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit integrates design theory and practices that merge multiple media, disciplines and design fields to address design briefs and develop holistic experiences to users. Design does not operate

in isolation - our decisions as designers affect the produced outcome as well as the society and environment in which it is inserted. This unit provides the skills to work on integrated design projects from conception to production, bringing meaningful and transformative experiences to users. It is based on the contemporary understanding that design is a driver for change. As an interaction and visual designer with the ability to navigate through multiple media and disciplines, you are at the core of this transformation in the design field. This unit provides the opportunity to use your design thinking and interaction and visual communication skills to frame complex problems and work on creative integrated responses that go beyond the search for functional and aesthetic outcomes.

DXH602 Embodied Interactions

| | |
|-----------------|--|
| Pre-requisites | DXB212 or DXB501 or KIB314 |
| Equivalent s | KIB309 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit introduces the concept of embodiment and how to design and realise embodied interfaces in the Creative Industries. 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. In order to work successfully as a designer in the field you will need to understand the ways in which people communicate and create meaning through embodied interactions. Designing embodied interfaces requires an understanding of how physical and social phenomena unfold across both time and space and how we interact with the world in which we are situated.

DXH701 IVD Research Studio 1

| | |
|-----------------|--|
| Pre-requisites | ((DXH601 or DXH602 or KIB338 or KIB309) and completion of 264 cp of study) or completion of 60 cp of Visual Communication units (DVB%) |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-1 |

Design research is a key component of many careers in interaction and visual design. This unit addresses this demand by providing an opportunity for you to develop a major design-led research project. This is undertaken in a studio setting, under the guidance of academic supervisors from the discipline. It brings together the skills and knowledge developed over the

first three years of your degree, and leads to the capstone studio unit DXH801.

DXH702 Contemporary Issues in IVD

| | |
|-----------------|--|
| Pre-requisites | (DVB203 or DXB402 or KIB207) and completion of 180cp of study |
| Equivalent s | KIB315, KIB813 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

The ubiquitous uptake of new technologies in communication, social interaction, and expression has changed the way that we conceptualize interaction and visual design. Designing within a contemporary context requires a sophisticated understanding of new design practices, methods, and theoretical models as well as an understanding of issues that arise when we explore digital technologies. This theory unit is designed to create an awareness of contemporary design practices, theories, methodologies and philosophical contexts; and to develop the critical, creative and analytical thinking that is required for design innovation. The unit will be taught through a combination of lectures, seminars readings and presentations.

DXH801 IVD Research Studio 2

| | |
|----------------|--------|
| Pre-requisites | DXH701 |
| Credit | 24 |

Units

| | |
|----------------|---------------------------------|
| Points | |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit focuses on design research and enables you to undertake projects at an advanced level within interaction and visual design. Through the unit you learn to integrate research and design knowledge to conduct a design-led research project, with a design outcome suitable for professional / public presentation. The unit aims to consolidate the knowledge, skills and application abilities you have developed throughout the course in preparation for the complexities and responsibilities of practice. It provides you with an appreciation of the interdisciplinary nature of Interactive and Visual Design practice.

DXH803 Professional Practice for Designers

| | |
|----------------|--|
| Pre-requisites | DXH702 |
| Equivalent s | KIB322, KIB806 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit enables you to outline a strategy for your future as a designer and present yourself as a design professional in public contexts. It is based on professional workshops and presentations that will cover collaborative and inclusive work practices. This unit serves

as a capstone for the Interactive and Visual Design program, and is where you will bring together your individual creative expression, design understanding, technical knowledge, and organisational skills taught throughout the course. In it, you will present yourself as a design professional in public contexts. You will do this through identifying and planning your own professional strategy for your personal design philosophy and goals, and then publicly present a portfolio of design work to a professional standard. The work you choose to showcase can be a portfolio design piece developed in your design studio unit DXH801.

DYB101 Impact Lab 1: Place

| | |
|----------------|--|
| Equivalent s | DEB101, KKB102, KKD102, KKB185, KYB101 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit explores the place of design and its practitioners in a future characterised by diverse and complex collaborations and challenges, multiple perspectives and social agendas. It is the first of four design Impact Labs that explore the potential of design to bring about change. Whilst the value of disciplinary expertise is important, many problems facing organisations and societies naturally span disciplines. You will begin to examine and experience how designers must think and work with diverse people and organisations on complex

transdisciplinary challenges in the 21st century. The unit is delivered through a series of on-campus workshops and a compulsory 2 to 3 day off-campus design intensive.

DYB102 Impact Lab 2: People

| | |
|----------------|---------------------------------|
| Pre-requisites | DYB101 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit addresses methods of social impact design and the ways in which these approaches can contribute to transformational social and community focused change. In it, you experience how design approaches and tools can be applied to complex social and community-based challenges. In a context where design can foster inclusion and act as a disruptor and driver for positive change you as a designer, alongside your design peers, have the collective potential to lead or make a better future. Framed around real world challenges; and in partnership with community, government and/or industry partners; you will engage with design-led participatory strategies to address key issues within one or more communities. This will develop skills valuable in designing for social impact. This impact lab focuses on people, to foreground and privilege the importance of keeping the human condition at the heart of design practice which enables solutions aimed at social change.

DYB111 Create and Represent: Form

| | |
|----------------|---------------------------------|
| Equivalent s | DAB103, DTB103, DEB103, DLB103 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit introduces you to the foundational visualisation skills and applications needed to formulate design propositions, such as, sketching, technical drawing, simple physical and digital model-making, rendering, composition and presentation.

DYB112 Spatial Materiality

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

This unit provides an exploration of the materials of the built environment. It will focus on a number of thematic issues of materials: their physical properties, their histories, their environmental impacts, and their applications in making architecture, interiors and landscapes. Through activities of analysis, observation, and research, you will discover materials' tectonic ability to heighten the human experience of the spatial environments around us.

DYB113 Create and Represent: Materials

| | |
|---------------|--------------------------------|
| Equivalent s | DAB203, DTB203, DEB203, DLB203 |
| Credit Points | 12 |
| Campus | Gardens Point |

| | |
|----------------|---------------------------------|
| Availabilities | Gardens Point - SEM-2 |
|----------------|---------------------------------|

This unit introduces you to the fundamentals of building materials and their representation through the development of foundation digital visualisation skills and applications and their integration with manual skills and analogue media. You will develop visualisation skills and techniques within the design process through understanding the drawing conventions associated with the representation of materials, as well as the ability to select the right visualisation technique for each phase of the design process. Visualisation and representation are crucial aspects of design thinking, with a particular emphasis on understanding the physical quality of building materials. This unit is paired with DYB112 which introduces representation techniques in the design process. In this unit you will learn to use two- and three-dimensional software applications and physical model making to present your ideas, which demonstrates an appreciation of the fundamental aspects of building materials.

DYB114 Spatial Histories

| | |
|----------------|---------------------------------|
| Equivalent s | DEB202, DED202 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This foundation unit introduces the history of the built environment that will inform

your study of global architectures that have occurred over several millennia putting the present into its relative context. It is designed to integrate the discipline specific content of architecture, interior architecture and landscape architecture within the broad context of a global understanding of spatial histories from multiple perspectives. The unit addresses key designs, ideas and issues that have shaped the aesthetic, environmental, socio-cultural and political factors that related to their production. It enables you to become familiar with the critical moments and paradigm shifts of the built environment through global perspectives; and develop an understanding of yourself as a participant in the continuum of the rich cultural tradition of designing and making places for human inhabitation.

DYB121 Introducing Design Fabrication

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

This introductory hands-on unit explores concepts, skills and methods required to prototype and fabricate physical objects from your design ideas. Design and fabrication are mutually dependent and interrelated activities, and as such this unit forms the foundational basis for your technical skills and associated knowledge to realise your own design ideas.

DYB122 Design Visualisations

| | |
|----------------|---------------------------------|
| Equivalent s | DFB105, DFB302, DNB103, DEB103 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

In this unit you will be introduced to the practice of design visualisation and learn how to employ a variety of techniques to visualise design ideas to assist you in design thinking, research, communication and presentation.

DYB123 Emerging Design Technology

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

This unit introduces you to existing and emerging technology and how it applies to design. In this unit you will learn about how technology is used in the design process and to design solutions. Designers need to be familiar with technology to aid them in the design process as well as being able to create products that take advantage of emerging technologies.

DYB124 Design Consequences

| | |
|----------------|---------------------------------|
| Equivalent s | DEB202, DED202 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Design Consequences is a foundational unit employing

historical, theoretical, and applied methods to explore the ways in which design influences and is influenced by cultural traditions and practices, beliefs and biases. Working across frames of past, present and future, you will learn how to critically engage with and draw upon these cultural factors and influences to shape and define your design work and practice. The twenty-first century presents designers with a challenging context characterised by the increasingly dramatic effects of climate change, growing levels of inequality, and destabilised geopolitical conditions. This unit will introduce you to a range of ideas, methods, and approaches necessary to understand design not only as products, environments, services and experiences but also as a social, cultural, political, and economic agent.

EAN601 Investigating Curriculum and Pedagogy in Early Childhood

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

The aims for this unit are to assist students in developing a critically-informed and research-based understanding of the current issues that are under scrutiny in the field of Early Childhood Education. Recognition and appreciation of gender, culture and customs are essential to the consideration of the issues,

and students will make active contributions to promoting codes of practice relevant to the specific professional area of education/learning.

EAN603 Child Development in Context

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

Increasingly, developmental science is an interdisciplinary field that takes account of psychological and sociological theories, as well as perspectives from the neurosciences and biology. The unit will review a range of current perspectives that inform understanding about child development. The application of this knowledge to early childhood education and other professional contexts in which practitioners work with young children and their families will be a focus. This unit will enable students to develop their scholarly abilities in the analysis of theory and research on child development and its application to their professional responsibilities.

EAN614 Arts and Sciences in Early Childhood

| | |
|----------------|----------------------------|
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

The unit challenges students, as leaders in early childhood teaching and learning, to interrogate a broad range of

ideas, principles and guidelines to assist them in making decisions about curriculum in the arts and sciences. It challenges students to engage with trans-disciplinary and cross-disciplinary knowledge and innovation.

EAN615 Mathematics in Early Childhood

| | |
|----------------|----------------------------|
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-2 |

Children's early experiences are critical in laying the foundation for them to become numerate citizens and critical participants in society. It is essential that children have opportunities to develop concepts that are foundational to understanding in mathematics. Therefore, early years educators require knowledge about how young children develop understanding in a number of conceptual areas and a positive disposition towards mathematics. In this unit, you will learn about foundational concepts in mathematics and explore ways in which early childhood educators can develop appropriate learning opportunities and foster children's mathematical development.

EAN616 Language, Literacies and Communication in Early Childhood

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

External
- SEM-2

The focus of this unit is to help you to understand recent research-based practices for literacy learning and teaching in the years before compulsory schooling and the early years of schooling. Emphasis is placed on a definition of literacy as critical social practice, and a balanced approach to literacy teaching and learning is foregrounded. The unit highlights the importance of all children becoming active participants in society and of knowing and engaging in a range of literacy practices. The unit will provide opportunities for you to consider the importance of providing 'high quality' literacy instruction to all students as a basic foundation of a socially just or 'high equity' education system. This unit will engage you in addressing current issues and debates and understanding the recent research evidence and professional practices that underpin effective literacy learning and teaching in the early years.

EDB174 Stepping Out/ Making Connections

| | |
|----------------|--|
| Pre-requisites | EDB173 or EDB150 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - 5TP1 External - 5TP1 |

This unit is the capstone for the degree program. You will be required to demonstrate your

achievement of the Graduate level of Professional Standards of the profession of teaching, through engagement in a conference, completion of professional experience, and submission of a capstone assessment piece.

EDN602 Advanced Seminars

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-1 (Block), SUM, SUM (Block) External - SEM-1, SUM |

This unit provides for your special needs and interests, and also an opportunity to engage in an advanced seminar series. This allows you the possibility of studying in a group with academic staff to develop expertise in a specific area, working with visiting scholars with special expertise, involvement in special seminars and conferences occurring in Australia and overseas, or working in particular research projects that are running for a limited time. The unit has been designed to meet this need for advanced work by small groups of students interacting with specialists.

EDN603 Research Review

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - 6TP1 (Block) External - 6TP1 |

This unit involves an in-depth investigation of a professional

learning experience, issue or challenge of relevance to education, and preparation of a critically reflective digital portfolio or report.

EDN604 Facilitated Study Unit

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2 |

The units EDN604-1 and EDN604-2 are linked together, and can be studied concurrently, or consecutively. In these units you will undertake an in-depth literature review to investigate the empirical research and other scholarship, theory, policy, and practice on a topic of your choice. As capstone units, these serve as the culminating achievement in your degree. You will take charge of your learning and make decisions about the topic, approaches and outcomes, supported by feedback. You will refine specialised academic knowledge and skills required to analyse critically, reflect on and synthesise information, programs, concepts and theories. You will build an integrated understanding of a body of knowledge, and apply your learning to effectively communicate the implications of your findings for educational practice. You will cultivate ways of working to identify problems, research the evidence base, and apply your consolidated learning in response to new decision-making career.

EDN604 Facilitated Study Unit

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2 |

The units EDN604-1 and EDN604-2 are linked together, and can be studied concurrently, or consecutively. In these units you will undertake an in-depth literature review to investigate the empirical research and other scholarship, theory, policy, and practice on a topic of your choice. As capstone units, these serve as the culminating achievement in your degree. You will take charge of your learning and make decisions about the topic, approaches and outcomes, supported by feedback. You will refine specialised academic knowledge and skills required to analyse critically, reflect on and synthesise information, programs, concepts and theories. You will build an integrated understanding of a body of knowledge, and apply your learning to effectively communicate the implications of your findings for educational practice. You will cultivate ways of working to identify problems, research the evidence base, and apply your consolidated learning in response to new decision-making career.

EDN610 Professional Dialogues in Education

| | |
|---------------|----|
| Credit Points | 12 |
|---------------|----|

| | |
|----------------|--|
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2 |

This unit develops understanding of what it means to be an innovator and a leader in a contemporary professional context. The unit is underpinned by the notion that innovation means being more critical, being open, being able to engage with greater uncertainty and complexity, and being able to learn from the past and from a broad range of contemporary ideas in order to manage the future. You are encouraged to undertake a disciplined inquiry into educational problems and issues through reflection on your own professional contexts and guided close reading of scholarly works about the big debates in education. This unit supports the development of a learning agenda that will inform directions for your study in the course as you develop your personal area of interest and work collaboratively with others in the development of that agenda. The unit also provides opportunities for learning through online technologies.

EDN611 Conducting and Evaluating Educational Research

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2 |

To bridge the gap between practice and research

knowledge that may inform practice, you need to be confident in actively seeking research evidence on aspects of your own practice and to develop critical reflection skills towards reported findings. It assists you to search databases and other sources to locate published research reports in your field and evaluate them critically. This unit focuses on needs for reading, understanding and evaluating research. It is useful for professionals seeking to both use and conduct research projects.

EDN612 Shaping an Educational Research Project

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2 |

To support early career researchers as they plan, design and undertake a research project, this unit focuses on developing skills, practices and knowledges necessary to design and conduct educational research in innovative ways and to investigate current, innovative topics, issues and challenges. The unit is structured to enable knowledge of the commonalities and differences between various paradigms and approaches to be developed and to ensure consistency in the design of research. This unit is relevant for you if you are engaging in research projects, particularly if you are enrolled in the Master

of Philosophy course. It will support you to conduct research within particular fields of interest. You will consider the design issues involved in addressing your research interest/focus/question.

EDN635 Professional Experience in Early Childhood

| | |
|----------------|-----------------------------------|
| Pre-requisites | EAN601 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | External - SEM-1, SEM-2 |

This unit will enable you to draw upon your professional knowledge and experience in making child observations and in planning, implementing and evaluating learning experiences for children and to critically reflect upon your experiences in the early childhood setting, making links to current literature in the field. The professional experience component of this course provides opportunities for the demonstration of competence in working with young children in a planned environment.

EDR703 Advanced Research Studies in Educational Contexts

| | |
|----------------|--|
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 (Block) |

This unit is a reading and seminar program that aims to broaden and deepen your initial perspective to include elements derived from theoretical perspectives drawn from a number of disciplines.

The unit seeks to provide a context of learning for educators who seek the personal and professional benefits that the broadening and deepening of their professional knowledge affords.

EFB106 Cost-Benefit Analysis for Project Appraisal

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

Cost Benefit Analysis is a key technique used to appraise the relative desirability of competing alternatives in investment projects, socio-economic programmes and policies. The unit provides students with key knowledge and skills to assess the relative desirability of competing alternative uses of limited resources. It supports student decision making with respect to investment alternatives across a range of industries in the public and private sector.

EFB201 Financial Markets

| | |
|----------------|---|
| Pre-requisites | BSB113 or CTB113 |
| Equivalent s | EFX201 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit introduces students to the institutional elements of

global financial markets, and the role and reality of financial markets as an integral part of the economy and of social and political structures. Topics explored in this unit 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. Students will practise key skills of critical exploration and analysis in considering the role of finance theories and models to help understand key financial market events within broader social, economic and political contexts. Students will continue to develop and apply these foundational insights and critical thinking skills in subsequent finance units.

EFB210 Finance 1

| | |
|-----------------|--|
| Pre-requisites | BSB113 or MAB126 or MXB105 or UDB104 or MZB126 |
| Equivalent s | EFX210 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

This unit introduces the fundamental concepts, theories and skills of financial management and how these are applied to solve problems associated with the decisions of financial managers. This is essential knowledge for financial decision makers.

Topics covered include: 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 and Internal Rate of Return; introduction to risk and uncertainty using the Capital Asset Pricing Model and Weighted Average Cost of Capital concept and risk management. Because of its fundamental nature, this unit is a prerequisite for more advanced units within the finance, accountancy and financial planning study areas, and content studied in this unit forms part of the knowledge and skills required for students seeking professional accountancy accreditation.

EFB222 Introduction to Applied Econometrics

| | |
|-----------------|--|
| Pre-requisites | BSB122 or BSB123 or MAB101 or MAB233 or MXB107 |
| Anti-requisites | EFB101 |
| Equivalent s | EFX222 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

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 |
| Equivalent s | EFB102, EFX223 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Building on the knowledge gained in BSB113 Economics, this unit extends key theoretical economic frameworks to study fundamental issues in micro- and macroeconomics including the behaviours of consumers and firms, the role of the government in market intervention, allocative efficiency and market structures in the Australian financial context. The significance of the international economy is similarly explored through a discussion of foreign exchange markets, the Australian dollar and the terms of trade. The knowledge and skills developed in this unit will equip students with the ability to analyse the behaviours of consumers and firms, assess the performance of markets and critically evaluate the impact of government policies on efficiency and growth.

EFB225 Economics for the Real World

| | |
|----------------|--|
| Pre-requisites | BSB113 or CTB113 |
| Equivalent s | EFX225 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit builds on the economic concepts, principles and theories learnt in introductory level economics. It further develops and refines students' economic analysis, evaluation and reasoning skills by applying economic concepts to the exploration of contemporary real world issues.

EFB226 Environmental Economics and Policy

| | |
|----------------|--|
| Pre-requisites | BSB113 |
| Equivalent s | EFB334, EFX334, EFX226 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

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 |
| Equivalent s | EFX240, IBB202 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Doing business internationally increases the range and risks of financial transactions that must be managed within the firm. Managers making decisions involving international trade and investment need to be aware of the nature and extent of the risks involved and to be knowledgeable about fundamental financial skills used to measure and manage these risks. This unit builds on the skills developed in primary units of the International Business major and provides a firm base for developing financially sustainable international business strategies in later units.

EFB308 Financial Modelling and Coding

| | |
|----------------|--|
| Pre-requisites | EFB210 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

In recent years, large volumes of big complex data have become available to investors. This unit provides an opportunity for students to develop computer programming skills and an understanding of modelling techniques and tools for analysing such complex financial data. The analysis skills students develop in this unit are commonly used to inform investment and managerial decision making.

EFB309 Financial Derivatives

| | |
|----------------|--|
| Pre-requisites | EFB344 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit explores a range of pricing models and develops students' knowledge and skills in the application of these for derivative pricing. Students will construct and generate a variety of derivative prices and draw on discipline knowledge, technical skills and critical thinking skills to adapt these models to solve problems.

EFB311 Financial Institutions Lending and Control

| | |
|----------------|--------------------------------|
| Pre-requisites | EFB201 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP5 |

Financial institution (FI) lending is one of the foundations of the international financial system. The unit will provide you with relevant knowledge and understanding to the level required to select, plan, execute and manage a loan as lender (FI officer), borrower (corporate treasurer), or legal/financial adviser. This training will enable you to oversee lending activity as an FI manager or regulator; or undertake further academic work in the field.

EFB312 International Finance

| | |
|-----------------|---|
| Pre-requisites | EFB201 and EFB210 |
| Anti-requisites | EFB240, IBB202 |
| Equivalent s | EFX312 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

As international markets become more integrated, knowledge and skills related to international financial management are becoming ever more important. This unit applies and extends the knowledge and skills gained from EFB201 and EFB210 to international settings. Students are introduced to the

international aspects of financial management theory and practice, including: the mechanics and uses of the spot, forward, swap, futures and options markets in foreign exchange; the relationship between domestic and international capital markets; interest rate and exchange rate determination; risk management of foreign exchange; international trade finance; and evaluation of offshore investment. The knowledge and skills developed in this unit are essential for those who manage, analyse or advise organisations with international exposures.

EFB330 Intermediate Macroeconomics

| | |
|----------------|---|
| Pre-requisites | EFB223 or EFB102 |
| Equivalent s | EFB202, EFX330 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

As one of the two key fields in economics, this macroeconomic unit builds on and deepens the knowledge and skills introduced in EFB223, and provides students with opportunities to apply them to more complex issues and contexts. Students will explore advanced macroeconomic theories and the various macroeconomic issues faced by a modern economy, and critically evaluate policies to solve

macroeconomic problems in light of their impact and limitations. The unit provides an in-depth analysis of fundamental macroeconomic ideas and further develops the capabilities and skills necessary for a career in the field.

EFB331 Intermediate Microeconomics

| | |
|----------------|---|
| Pre-requisites | EFB223 or EFB102 |
| Equivalent s | EFB211, EFX331 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit explores the economic analysis of and the interplay between the decisions and actions of consumers, firms and governments in modern economies. The theoretical and empirical content of this unit provides a basis for understanding these decisions and actions with a focus on applying microeconomic theories to real world problems. Students will develop the ability to understand and apply microeconomic concepts to a range of contemporary economic issues and problems at an intermediate level. Further, the unit provides a useful 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

Units

community. The unit prepares students for higher studies in economics and develops students' ability to apply microeconomic knowledge and critical thinking skills to economic problems in real world contexts.

EFB332 Applied Behavioural Economics

| | |
|-----------------|--|
| Pre-requisites | EFB331 or EFB337 |
| Equivalent s | EFX332 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit is designed to expose you to current and practical applications of behavioural economics that can be used to improve the understanding of important topics in a variety of industries and contexts. It teaches you about the economic paradigm, involving very basic but powerful tools to understand ubiquitous human behaviour exploring topics such as fads and herding behaviour, favouritism, pressure, pay and performance, positional concerns, and outcome uncertainty. The theories and methodological tools learned in this unit can also be applied to other economic areas and industries.

EFB333 Applied Econometrics

| | |
|-----------------|------------------|
| Pre-requisites | EFB222 or EFB101 |
| Anti-requisites | EFB200 |

| | |
|-----------------|--|
| Equivalent s | EFX333 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

As a final year unit the focus is primarily on further developing students' theoretical knowledge and applied skills in econometrics, using common methods that business, economics and finance graduates will encounter in practice. These skills are essential for research in economics and finance and are relevant for use in future employment.

EFB335 Investments

| | |
|-----------------|---|
| Pre-requisites | EFB201 and EFB210 |
| Anti-requisites | EFB318 |
| Equivalent s | EFX335 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

In this unit, students will apply finance knowledge acquired in earlier units to develop investment decision making skills essential for their personal and professional lives. The unit advances understanding of how investment decisions are made, what securities to invest in, how they fit in a portfolio, the impact of transaction costs, the risks associated with

investing and performance evaluation of the investment process. Securities and analytical tools investment managers employ when managing equity and fixed income portfolios will be critically examined and applied to real world contexts. By applying higher level knowledge and skills and considering issues from the investment manager's perspective, this unit provides insight into an industry that controls trillions of dollars of assets both domestically and internationally.

EFB336 International Economics

| | |
|-----------------|--|
| Pre-requisites | EFB223 or EFB240 or EFB201 |
| Anti-requisites | EFB314 |
| Equivalent s | EFX336 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Interconnected trade, financialisation and market developments have fostered a globalised world. The returns to internationalising firms, industries, nations and peoples can be considerable but risks are increasingly evident. International Economics advances understanding of these issues, enabling students to extend foundational economics knowledge and critical reasoning to international civil, business and policy problems.

EFB337 Game Theory and Applications

| | |
|----------------|--|
| Pre-requisites | EFB223 |
| Equivalent s | EFX337 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

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, strategy and voting and evolutionary game theory.

EFB338 Contemporary Application of Economic Theory

| | |
|----------------|---|
| Pre-requisites | (EFB330 or EFB202) and (EFB331 or EFB211) and (Completion of 168 credit points) |
| Equivalent s | EFB329, EFX338 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This capstone unit is designed to consolidate studies in economics by demonstrating

how a variety of economic approaches, theories, and models can be applied to understand and implement solutions to important issues facing national and international economies. As such, the unit helps students develop an analytical framework to tackle major economic issues and exposes students to practical applications of a variety of economic approaches, theories, and models to analyse problems facing Australian and international economies. Current economic research topics, trends and policies are explored including welfare analysis, taxation, productivity growth, and climate change. Students will develop the ability to summarise, evaluate and criticise research findings, and learn how research in economics evolves.

EFB341 Economics and Finance Special Topic - C

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|-------------------|---|
| Other requisites | Subject to Unit Coordinator Approval. Students are required to complete a minimum of 192 credit points of study and must seek approval from a potential supervisor and unit coordinator prior to enrolment. |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit introduces students to the economic problems and challenges that fall under the

purview of Development Economics and includes coursework as well as an immersive international field project to develop their understanding through a real-world application of their skills on a project with a placement organization. The field project may take place in different international location each year and will be facilitated by the unit coordinator in collaboration with Beyond Borders Learning Programs, the key host organization at these locations. Locations over various years: Mumbai, India (2018, 2019), Kathmandu, Nepal (2020). Other potential locations in future include Dhaka, Bangladesh and Colombo, Sri Lanka. The aim of this unit is to provide a basic grounding in development economics, as well as a grasp of various approaches and initiatives that have been used to solve key challenges associated with poverty and underdevelopment.

EFB342 Workplace Experience in Economics and Finance

| | |
|-------------------|---|
| Pre-requisites | (EFB343 or EFB307) or (EFB330 and EFB331) |
| Other requisites | Subject to Unit Coordinator approval of an appropriate placement within industry; and GPA: 4.5 or above |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

Enrolment in this unit is subject to acceptance for placement. Students wishing to enrol must apply to the unit administrator by the stated due date. Applicants will then be interviewed by

the unit coordinator and administrator. Those considered suitable will be then put forward for placement. Upon acceptance by a host organization enrolment will then proceed. No guarantee is given to applicants of acceptance or placement.

Rationale The application of knowledge to real world setting provides an insight into the efficacy and limitation of theories and concepts acquired in your studies. Besides real world application, through workplace experience students can strengthen their abilities in reflecting on their career in the fields of economics and finance.

EFB343 Corporate Finance

| | |
|-----------------|---|
| Pre-requisites | EFB210 |
| Anti-requisites | EFB307 |
| Equivalent s | EFX343 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit extends the knowledge and skills introduced in earlier finance units to the corporate finance context. It provides an in-depth analysis of the financial management of a business organisation and advances frameworks necessary for the analysis of the more advanced aspects of domestic and international business finance. The further specialisation of financial management knowledge and skills this unit provides equips students wishing to pursue a career in finance with a valuable applied

skill set. Topics examined include: working capital management, capital investment decisions, issuance of corporate securities and capital structure, payout policy, mergers and acquisitions, and financial restructuring.

EFB344 Risk Management and Derivatives

| | |
|-----------------|---|
| Pre-requisites | EFB201 and EFB210 |
| Equivalent s | EFX344 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit develops knowledge and skills required to identify, measure and hedge the risks associated with an exposure to financial securities. Building on earlier finance units, and with a focus on the risk associated with movements in market prices (market risk), this unit introduces students to specialised knowledge and skills for identifying, measuring, managing and hedging risk. As derivative securities are an important tool in risk management, this unit explores a wide range of derivative securities and examines their pricing and use in managing and hedging risk. Subsequent topics on derivatives include the pricing and use of forwards, futures, swaps and options contracts. Students will practise working effectively within teams, and will develop their self-reflection skills in considering their application of

financial knowledge and reasoning, and in exercising responsibility and accountability for their own learning: valuable skills for finance professionals.

EFB347 Student Managed Investment Fund 1

| | |
|-------------------|--|
| Pre-requisites | EFB335 |
| Other requisites | Minimum Grade Point Average (GPA) of 5.5 and a selection interview |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-1, SEM-2 |

Businesses operate in an environment of manifold uncertainty which is difficult, if not impossible, to recreate within a traditional classroom environment. Instead, this unit offers students a unique, real world learning opportunity for developing investment decision-making capabilities under realistic conditions. Students apply the knowledge and skills developed throughout their undergraduate finance studies to real world investment evaluations and decisions, drawing particularly on the investment knowledge gained in EFB335. This unit focuses on the application of theories and techniques used in security analysis and valuation which are attuned to practice in the real world, including estimating a company's intrinsic value, identifying growth opportunities and threats to business and profitability, and social and ethical considerations of

investors. Working under the guidance of academics and industry experts, students gain real experience as professional analysts.

EFB348 Student Managed Investment Fund 2

| | |
|----------------|---------------------------------|
| Pre-requisites | EFB347 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Businesses operate in an environment of manifold uncertainty which is difficult, if not impossible, to recreate within a traditional classroom environment. Instead, this unit offers students a unique, real world learning opportunity for developing investment decision-making and portfolio management capabilities under realistic conditions. Students apply the knowledge and skills developed throughout their undergraduate finance studies to real world investment evaluations and decisions, drawing particularly on the investment knowledge gained in EFB335 and EFB347. This advanced unit is the second of a block of two units that provide students with hands-on experience in the operation of a managed fund. Working as senior analysts and portfolio managers under the mentorship of academics and industry professionals, students evaluate investment recommendations for the QUT Student Managed Investment Fund (SMIF) that are put forward by their peers enrolled in Student Managed

Investment Fund 1.

EFB360 Finance Capstone

| | |
|----------------|--|
| Pre-requisites | EFB335 and (EFB307 or EFB343) |
| Equivalent s | EFX360 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

Finance Capstone is the final unit in the finance study area and focuses on integrating the knowledge and skills gained throughout students' prior finance studies for application to complex, real world problems. Students focus on identifying, exploring and finding optimal solutions to problems encountered in competitive financial environments and contexts while refining effective decision-making skills. Additionally, this unit seeks to develop students' oral communication, written communication and teamwork skills. The insights and experiences gained in this unit help to prepare students for further learning and professional practice and, through its applied setting and focus on contemporary finance issues, the unit acts as a bridge between university studies and employment in the financial services industry.

EFN405 Applied Economics

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|-----------------|--|
| Anti-requisites | GSN203, GSN411, GSN414, GSN491, GSN492, GSZ491 |
| Equivalent s | EFX405 |
| Credit Points | 12 |

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|----------------|---|
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2, XCH-1, XCH-2 |

The economic framework in this introductory unit provides students with a broad understanding of the economic forces that impact business and government, equipping them with knowledge, technical and problem solving skills that they will continue to develop and apply in later units where more complex situations and issues are explored.

EFN406 Managerial Finance

| | |
|-----------------|---|
| Anti-requisites | GSN413, GSN423, GSZ413 |
| Equivalent s | EFX406 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM, XCH-1, XCH-2 |

This is an introductory unit complementary to EFN425 and EFN420. This unit gives students an essential grounding in applied finance, addressing fundamental issues of how we can use finance in a commercial sense and how this impacts critical organisational and managerial decisions in an increasingly complex and demanding financial environment. Subsequent units in this course will build on the knowledge introduced in this unit.

Units

EFN408 Special Topic - Economics, Banking and Finance A

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

EFN412 Advanced Managerial Finance

| | |
|----------------|---|
| Pre-requisites | EFN406 |
| Equivalent s | EFX412 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This is an intermediate level unit which extends the study of financial management introduced in Managerial Finance. It provides an in-depth analysis of the financial management of a business organisation and develops further the framework necessary for the analysis of other and more advanced aspects of domestic and international business finance. With the growing sophistication of global financial markets, this unit provides an excellent base for students wishing to pursue a career in the field.

EFN414 International Finance

| | |
|-----------------|----------------|
| Pre-requisites | EFN406 |
| Anti-requisites | EFN417 |
| Equivalent s | EFX414 |
| Credit Points | 12 |
| Campus | Gardens Point, |

| | |
|----------------|---|
| | EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit extends the knowledge and skills students have gained in prior units by exploring the influences, issues and challenges of the international environment. Students will investigate financial management issues arising in international settings and develop problem solving and decision making skills essential for financial practice.

EFN415 Security Analysis and Portfolio Management

| | |
|-----------------|---|
| Pre-requisites | EFN406 |
| Anti-requisites | EFN429 |
| Equivalent s | EFX415 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This developmental unit extends the knowledge and skill base of all finance students, drawing particularly on the earlier unit EFN406. This unit focuses on the theories and techniques found in security analysis and investment management which have a profound effect on professional behaviour and practice in the real world. For example, fund managers must understand the needs of their clients, design portfolios consisting of different assets to suit those needs, and ensure the returns from the funds and

the associated risk are as per expectations. The required knowledge and skills for effective practice can mean the difference between the success and failure of any type of investment portfolio.

EFN420 Data Analysis for Financial Managers

| | |
|----------------|---|
| Equivalent s | EFX420 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2 |

The field of finance is broad and dynamic. It directly affects the lives of every person and every organisation, financial or non-financial, private or public, large or small, profit-maximising or not-for-profit. In order to make optimal financial decisions, some basic financial skills are necessary. This unit introduces students to key knowledge and skills necessary for financial managers functioning in an increasingly complex and demanding environment. Subsequent units will build on and extend the knowledge and skills gained in this unit.

EFN422 Economics and Data Analysis

| | |
|-----------------|---|
| Anti-requisites | EFN405,EFN419,GSN403, GSN411,GSN414,GSN491 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2, XCH-1, XCH-2 |

Units

To make sound business decisions managers must understand the forces that shape the economic environment and their decision making should, where appropriate, use relevant data analysis. This unit provides the analytical framework needed to understand how market conditions are determined at the micro and macro levels and how market conditions affect business performance. It also provides an essential grounding in statistical literacy and an introduction to basic techniques and concepts in the statistical treatment and analysis of data relevant to the business environment.

EFN423 Health Economics: Applications and Policy

| | |
|-----------------|--|
| Anti-requisites | PUN211 |
| Equivalent s | EFQ423 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabiliti es | Kelvin Grove - SEM-1 External - SEM-1 |

This unit provides a strategic overview of economics as applied to the health sector. The unit develops a set of skills with applications to health and financial management decision-making principles and processes. After developing an understanding of basic economic concepts you will learn to apply this knowledge to financial management in Australian and international health care settings. This will include a discussion and analysis of health evaluation.

Economics aids in making better informed and logically coherent decisions. The unit will equip emerging health managers with skills and theory to enable them to effectively manage resources and the associated financial implications for their area or department.

EFN424 Equity Trading Floor

| | |
|-----------------|--|
| Pre-requisites | EFN405 and EFN406 |
| Equivalent s | EFX424 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

The aim of the unit is to develop students' critical thinking skills and to help them see issues from a range of viewpoints and perspectives. Additionally, the unit aims to develop students' research, reflection and technical skills through the delivery of a large scale academic style portfolio that reflects their transition from theory to strategy and trading and reflection. The unit is NOT designed to be taken as a traditional book learned class. Reading and knowledge is gained from many sources including case studies, books, journals and newspapers.

EFN425 Financial Markets and Institutions

| | |
|---------------|----------------|
| Equivalent s | EFX425 |
| Credit Points | 12 |
| Campus | Gardens Point, |

| | |
|-----------------|---|
| | EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2, XCH-1, XCH-2 |

This unit introduces students to a range of key concepts and ideas in finance, giving students grounding in how financial markets operate and also the ability to critically apply knowledge and skills to address real world problems and issues arising in financial markets. Subsequent units in this course build on and integrate the foundational knowledge and skills introduced in this unit.

EFN426 Applied Research in Finance

| | |
|-----------------|--|
| Pre-requisites | EFN406 and EFN420 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-1, SEM-2 |

This unit provides students with skills for approaching a research problem from an econometric approach. These skills are crucial in the use of a range of research methods and business applications. The knowledge and technical skills gained in this unit will enable students to work effectively with a variety of data and business problems and will have further application in addressing problems they encounter in the subsequent units of this course.

EFN427 Behavioural Finance

| | |
|--------------|------------------------|
| Equivalent s | EFN514, EFX514, EFX427 |
|--------------|------------------------|

Units

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

As a natural complement to the formal economic theory of financial decisions and financial markets, this unit builds on earlier units that address finance theory in this program. As a recognised area of expertise in the world of finance this unit will give students knowledge and skills that play a key role in explaining and supporting financial decision making.

EFN428 Behavioural Economics: Developments and Applications

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

This unit introduces students to current concepts and practical applications of behavioural economics. Students will learn about and critically apply foundational tools of thought and exploration used in the behavioural economics approach to real-world contexts and problems. It provides a framework incorporating rationality, the psychology of thinking, emotions, heuristics, the brain, and (cultural) evolution, through which human nature and decision-making in organisations may be decoded.

EFN429 Investments Management

| | |
|-----------------|--|
| Anti-requisites | EFN415 |
| Equivalent s | EFQ429 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

A key component of financial planning advice is understanding how client investments are managed. The purpose of this unit is to develop students' understanding of foundational financial concepts and issues, and introduce knowledge on managing client investments, setting client investment goals and risk profiles. Knowledge and skills in these areas are essential for graduates working in financial service industries, and establish the foundation for more advanced finance and financial planning units to build upon.

EFN500 Contemporary Macroeconomic Theory

| | |
|-------------------|---|
| Other requisites | Unit Coordinator Approval and undergraduate degree with a major in Economics or Finance required to enrol |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP3 |

This unit introduces students to contemporary theoretical approaches in the field of macroeconomics and applies these approaches to a range of macroeconomic issues. It places these theories in their

historical and philosophical contexts. This will provide students with a deeper appreciation of macroeconomic policy debates as well as a more complete insight into the macroeconomic problems of inflation, unemployment, inequality, underdevelopment and economic fluctuations.

EFN502 Developments in Microeconomic Theories

| | |
|-------------------|---|
| Other requisites | Unit Coordinator Approval and undergraduate degree with a major in Economics or Finance required to enrol |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP2 |

This unit involves the discussion and analysis of contemporary developments in microeconomic theory, such as game theory and its applications, consumer behaviour, problems of collective action, evolutionary economics, the economics of voting, externalities, public goods, and the market mechanism. It explores refinements in microeconomic theory which have been contemporaneously used in the development of government policies in areas such as the environment, energy, public enterprises and industrial development.

EFN505 Financial Risk Management

| | |
|----------------|-------------------|
| Pre-requisites | EFN412 and EFN426 |
| Equivalent s | EFX505 |

Units

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

Risk is one of the most misunderstood concepts in finance. This unit builds on the knowledge and skills students have acquired on risk in earlier finance units. This advanced finance unit employs an authentic learning approach where students will develop a deeper understanding of key concept and processes of risk that will help them flourish in a rapidly changing world.

EFN507 Advanced Capital Budgeting

| | |
|----------------|---|
| Pre-requisites | EFN412 |
| Equivalent s | EFX507 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Capital budgeting is an important aspect of a firm's financial management. As capital budgeting concerns the firm's long-lived assets, decisions made in this area are likely to impact upon the firm well into the future and have much to do with its long-term performance. This unit builds on the foundational finance knowledge, extending it to the context of making capital budgeting decisions and evaluating mergers and acquisitions.

EFN508 Econometric Methods

| | |
|-------------------|---|
| Anti-requisites | BSN506 |
| Other requisites | Unit Coordinator Approval and undergraduate degree with a major in Economics or Finance required to enrol |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP2 |

This unit provides a comprehensive grounding in the econometric methods necessary for conducting research. Recent contributions to the econometric literature are studied.

EFN509 Policy Economics and Evaluation

| | |
|----------------|--------------------------------|
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP3 |

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

| | |
|----------------|--------------------------------|
| Equivalent s | EFN504 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP2 |

This unit provides an advanced coverage of the theory of finance, building on work done in undergraduate courses. Topics include: basic utility theory and risk aversion, investment decision, market equilibrium, the capital asset pricing model, arbitrage pricing theory, and multiperiod investment decisions. The unit provides a theoretical basis for further specialisation in this area.

EFN512 Asset Pricing

| | |
|----------------|--------------------------------|
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP3 |

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.

Units

EFN513 Corporate Finance

| | |
|----------------|--------------------------------|
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP3 |

This is an advanced unit in Corporate Finance. The primary purpose of this unit is to expose and familiarise students to the major literature and recent developments in corporate finance research. This unit has a strong focus on research and covers a number of major subject areas in corporate finance, including capital raising, capital structure, payout policy, and corporate governance.

EFN515 Economic and Financial Modelling

| | |
|-----------------|--|
| Pre-requisites | EFN415 |
| Anti-requisites | AYN419, EFN503 |
| Equivalent s | EFN410, EFX410, EFX515 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit has an applied focus with an emphasis on investigating real world problems and working with real datasets. It provides opportunities to critically assess and respond to a range of problems including setting up appropriate models and adapting models to different situations. As a later unit in this program, students build on the financial and economic knowledge and skills gained in earlier units and further develop and refine key

technical and critical thinking skills with real world application.

EFN516 Insurance and Risk Management

| | |
|----------------|---|
| Pre-requisites | 48cp of completed studies in postgraduate Accounting, Financial Planning or Applied Finance units |
| Equivalent s | EFQ516 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit is designed for students to develop an advanced level of understanding about insurance and risk management, their relationship and other related factors on which financial planning practitioners advise clients and employers. The knowledge and professional skills students practise in this unit will help to prepare them for working as financial planning professionals.

EFN555 Advanced Applications in Finance

| | |
|----------------|---|
| Pre-requisites | EFN412 and EFN415 |
| Equivalent s | EFX555 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

As a capstone experience in Applied Finance, this unit focuses on the integration and synthesis of the knowledge, skills, and understanding students have gained across

their Applied Finance program of study. The unit connects student learning via case studies where students focus on identifying practical solutions to real-world problems encountered in finance. The case studies help to consolidate student learning, extend their critical thinking through application, and facilitate employment-focused teamwork to support their transition into work.

EFQ429 Investments Management

| | |
|-----------------|-------------------------|
| Anti-requisites | EFN415 |
| Equivalent s | EFN429 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES4 |

A key component of financial planning advice is understanding how client investments are managed. The purpose of this unit is to develop students' understanding of foundational financial concepts and issues, and introduce knowledge on managing client investments, setting client investment goals and risk profiles. Knowledge and skills in these areas are essential for graduates working in financial service industries, and establish the foundation for more advanced finance and financial planning units to build upon.

EFQ520 Behavioural Client Management - Financial Planning (Capstone)

| | |
|------|---------------------|
| Pre- | AYQ457 and (48cp of |
|------|---------------------|

Units

| | |
|----------------|---|
| requisites | completed studies in postgraduate Accounting, Financial Planning or Applied Finance units (AYN% or EFN%) or enrolment in BS39 Financial Planning major (BS39MJR-FINPLAN) or BQ39 Financial Planning major (BQ39MJR-FINPLAN)). AYQ457 and EFQ520 can be completed in the same semester of study. |
| Equivalent s | EFN520 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES4 |

EGB100 Engineering Sustainability and Professional Practice

| | |
|----------------|--|
| Equivalent s | ENB100 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This is an introductory unit for all engineering disciplines. It provides you with a wide appreciation of the engineering profession, its achievements and current and future challenges. It will introduce you to the concept of sustainability and how sustainability impacts current and future engineering ventures. It will also develop your professional skills that will be essential to your functioning as an effective professional engineer both individually and as part of a team.

EGB111 Foundation of Engineering Design

| | |
|----------------|--|
| Pre-requisites | EGB100 (can be enrolled in the same teaching period) |
| Equivalent | ENB150 |

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

Analysis, designing, building, testing and maintaining are the core elements of engineering; Foundations of Engineering Design provides you with fundamental knowledge and skills to design, build and test simple engineering systems through a number of exploratory, hands-on activities, leading to the design and build of a practical engineering system. This unit is the first of a series of engineering design units which form the backbone of the engineering program.

EGB113 Energy in Engineering Systems

| | |
|-----------------|--|
| Anti-requisites | EGD113,PVB101 |
| Equivalent s | ENB130 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Engineers work with numerous kinds of systems where consideration must be given to the energy within the system. This unit introduces the student to the concepts of energy in the context of real engineering systems. The inter-relationships of between forces, motion and energy (in systems composed of liquids,

solids or gases) is described as related to the flow of energy within these engineering systems. After an introduction to engineering units, concepts and data, Newton's first and second laws are used in the description of system motion and the concepts of force and energy, conservation of momentum and conservation of energy are introduced and described. Thermodynamic processes, certain thermo-physical parameters and the first and second law of thermodynamics are introduced and used to describe simple engineering systems. This is then expanded to include the generation and transport of energy through these systems.

EGB120 Foundations of Electrical Engineering

| | |
|-----------------|---|
| Anti-requisites | EGD120 |
| Equivalent s | ENB120 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This is a foundational electrical engineering unit which covers concepts around the relationship between electrical energy, electronic instrumentation and measurements. It introduces techniques for circuit analysis, instruments for measurement and practical applications in an engineering context. The ability to analyse and understand electrical circuits and related

concepts plays a key role in all engineering disciplines, but plays a key foundation for students studying electrical related majors. The concepts in this unit will be built upon in future units. EGB120 combines real world focused lectures, tutorials and practicals to give a hands on experience learning about these fundamentals.

EGB121 Engineering Mechanics

| | |
|-----------------|--|
| Pre-requisites | EGB111 or EGB113 or EGD113 or PVB101. EGB111 can be enrolled in the same teaching period as EGB121 |
| Anti-requisites | EGD121 |
| Equivalent s | ENB110 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This is a foundation engineering unit that will develop the necessary skills in analysing mechanical and civil engineering systems (cranes, buildings, bridges and mechanical equipment) to maintain equilibrium leading to the determination of direct, bending and shear stresses that will aid you in design. The principles of engineering mechanics are essential for the purpose of accurate design and analysis of mechanical components and structures. This is an introductory unit and provides the basic knowledge and skills in statics and mechanics of materials including mechanical

properties of rigid bodies. It forms the foundation for advanced engineering units such as Stress Analysis, Structural Analysis and Mechanical Design by developing your basic knowledge and skills that are important to your engineering degree and career.

EGB123 Civil Engineering Systems

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

This is a foundation civil engineering unit that will introduce you to civil engineering systems and thinking through local urban site investigations and large industry project contexts. You will integrate systems thinking and information science with skills in investigation, analysis and synthesis, and written and visual literacy that underpins civil engineering practice. You will develop both independent and collaborative strategies for managing and completing tasks on time in real world contexts taking into account social, economic, environmental and political issues with guidance from academic and industry leaders. This unit provides the foundation for most of your second year units in a major civil engineering study area. It also exposes you to areas of future work and study choice (e.g. Study Area B options).

EGB210 Fundamentals of Mechanical Design

| | |
|----------------|--|
| Pre-requisites | (EGB111 or ENB150 or EGB113 or EGD113 or PVB101) and EGB314 |
| Equivalent s | ENB215 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Mechanical Design forms the backbone of the Mechanical Engineering Degree. This unit is an introduction into Mechanical Design. It brings together fundamental engineering units such as Applied Mechanics, Mechanics of Solids, Fluid Mechanics and Materials Study and is a common unit for students studying Mechanical Engineering, Medical Engineering and Mechatronics. It will develop systematic knowledge and practice of methods of engineering problem solving, design procedures, design analysis, and introductory mechanical components design, highlighting the need for sustainable and contextually appropriate solutions. It lays the basis for advanced study in Mechanical Design.

EGB211 Dynamics

| | |
|----------------|--|
| Pre-requisites | (EGB113 or EGD113 or ENB130 or PCB136 or PCB150 or PVB101) and (MZB126 or EGD126 or MAB126 or MAB180 or MAB131 or equivalencies) |
| Equivalent s | ENB211 |
| Credit | 12 |

Units

| | |
|----------------|---|
| Points | |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Mechanical engineers are required to have a sound knowledge in motion of particles and rigid bodies, which is essential in the design and production of machines and other engineering systems. Dynamic forces in systems such as motor vehicles, aircrafts and robotic devices are determined by kinematic and kinetic analysis of these systems. These forces play an essential part in the design of these systems. In this introductory unit, you are introduced to the concepts of dynamics in the context of real engineering systems. The basic principles for dynamics of particles and rigid bodies in 2D are introduced and discussed as related problems within various engineering systems. On completion of this unit, you will be able to apply fundamental principles of kinematics and kinetics in formulating and solving dynamics problems for particles and rigid bodies and analyse kinematics and kinetics of basic mechanical components and mechanisms.

EGB213 Energy Systems Fundamentals

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

EGB213 adopts 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. You will investigate the interactions between Earth's systems, energy systems and social, technological and economic systems. Within the context of system boundaries and interactions you will identify, analyse and evaluate existing, transitional and future energy systems and technologies. The main focus will be on understanding the energy service needs of people in different contexts and how to identify and optimise the integrated system and sub-systems through effective knowledge-driven decision making.

EGB214 Materials and Manufacturing

| | |
|----------------|--|
| Pre-requisites | EGB121 or EGD121 or ENB110 |
| Equivalent s | ENB231, ENB331 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Engineers design and make product out of materials using appropriate processing methods with minimum environmental impact and costs. They need to know the interactions and interrelationship between processing, microstructure, properties and performance of various engineering materials

in order to utilize new designs and fabrication. This unit introduce the fundamentals of engineering materials and their manufacturability, deformation of materials at the micro-scale and how mechanical properties of materials can be tailored by mechanical processing and heat treatments. This knowledge along with a range of complex deformation and machining processes (including casting, bulk deformation, material removal, mechanics of metal cutting and other non-traditional manufacturing processes) are important to graduate engineers in their design and decisions.

EGB220 Mechatronics Design 1

| | |
|----------------|--|
| Pre-requisites | EGB111 or ENB150 |
| Equivalent s | ENB229 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Mechatronics Design 1 is a project unit with a hands-on introduction to mechatronics. You will be introduced to the basic concepts in mechatronics, focusing on the mechanics, electronics, and embedded software principles. The unit focuses on the research, design, and implementation of a mechatronic product to conform to a customer's needs. This is the first in a series of design units specifically for Mechatronics, building on your Introduction to Design unit in

first year.

EGB240 Electronic Design

| | |
|-----------------|--|
| Pre-requisites | (EGB120 or EGD120 or ENB120) and CAB202. CAB202 can be enrolled in the same study period as EGB240 |
| Equivalent s | ENB245 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit is an introduction to applied electronic circuit design. It will provide you with experience and confidence to draw upon theory, literature and CAD tools to synthesise electronic circuit designs to solve real world problems. In this unit you will complete two practical projects (individually and as part of a team) to design, build, evaluate and document simple electronic circuits.

EGB241 Electromagnetics and Machines

| | |
|-----------------|---|
| Pre-requisites | (EGB120 or EGD120 or ENB120) and (MZB126 or EGD126 or MAB127 or ENB246) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

The unit covers static electric and magnetic fields and carries on to time varying fields used in transformers AC and DC machines. The generalised concepts of capacitance and

inductance as well as the interaction of fields with materials are developed. It also covers electromagnetic induction, wave propagation, transmission line theory and the basics of the DC machines as well as 3 phase power. It links to work previously developed in EGB120 Foundations in Electrical Engineering, and prepares students for more advanced studies in RF and Power Engineering.

EGB242 Signal Analysis

| | |
|-----------------|---|
| Pre-requisites | (EGB120 or EGD120 or ENB120) and (MZB126 or EGD126 or MAB127 or ENB246 or equivalencies) |
| Equivalent s | ENB242 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

The concepts of signals and systems arise in a wide variety of fields, and play an important role in such diverse areas of science and technology. These include communications, modern control, astronautics, circuit design, acoustics, seismology, biomedical engineering, and speech processing. This unit provides foundations of signal and system analysis in the time and frequency domains in the context of electrical and electronic circuits, to enable the study of engineering techniques and applications employing Fourier series and transform, Linear time invariant

systems, filtering, convolution, and Laplace transform. Engineering and Maths Lectures will provide the knowledge base required. Tutorial sessions will involve problem-solving tasks to understand, integrate and apply mathematical concepts to signal analysis. Individual and group assignments consist off problem-solving tasks, requiring hand calculations and programming in Matlab. The final exam assesses the unit's major concepts.

EGB243 Aircraft Systems and Flight

| | |
|-----------------|--|
| Pre-requisites | (EGB113 or EGD113 or PVB101) and (MZB126 or EGD126) |
| Equivalent s | ENB121 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Aircraft systems and flight introduces you to aircraft systems and the principles of flight. Utilising the skills and knowledge you acquired in Introductory Engineering Mathematics and Engineering Computation, this unit introduces the principles of flight through aerodynamics, examines the systems on an aircraft with a particular focus on aircraft avionics, and examines the regulatory and air management environment in which aircraft operate. Your skill and knowledge in this area will be further advanced in the Unmanned Aircraft Systems

unit.

EGB261 Unit Operations

| | |
|----------------|---------------------------------|
| Equivalent s | CVB221, EGB461 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit fosters a deeper understanding of the unit operations which are the main components in process flow diagrams. You will be introduced to, amongst other concepts, chemical reactor design, distillation theory, absorption processes, ion exchange and adsorption. Complimentary theory regarding mass and heat transfer operations will also be used to ultimately provide a comprehensive overview of chemical processes.

EGB262 Process Principles

| | |
|----------------|---------------------------------|
| Equivalent s | CVB220 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit introduces students to the fundamental approach involved when taking a chemical reaction from the laboratory to full scale industrial implementation. Aspects such as health and safety considerations, environmental issues, quality control, product design, process constraints, economics, mass & heat balance, chemistry and process engineering will be

discussed. Examples of how professionals integrate this knowledge into practice will be provided and the design process for improvement illustrated. Students will gain an understanding of how to interact with a multi-disciplinary team to obtain satisfactory technical solutions to a wide range of problems. This introductory (second year) unit prepares you for more advanced study in process modelling.

EGB270 Civil Engineering Materials

| | |
|-----------------|--|
| Anti-requisites | EGD270 |
| Equivalent s | ENB273 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This module starts with an overview of the world of materials and materials selection, followed by an analysis of why and how concrete is used in construction and the fundamental knowledge of soils and structural steels. The constituent materials used in concrete (cement, sustainable cementitious materials, aggregate, and admixtures) are studied with emphasis on their influence on the microstructure of concrete. The focus is then on the fresh properties and mechanical performances, behaviour of concrete under different types of loadings and temperatures, and durability.

The module also introduces structural steel and steel corrossions. And it will end up with introduction of soil concepts and materials which will provide a basis for soil mechanics. The module is taught as a series of lectures and embedded informal tutorials. This unit prepares you for the further study in analysis, design, and maintenance of concrete structures. It also equips you with basis for steel structures and soil mechanics.

EGB272 Traffic and Transport Engineering

| | |
|----------------|--|
| Pre-requisites | MZB126 or EGD126 |
| Equivalent s | ENB376 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This is an intermediate civil engineering unit that will develop the necessary theoretical and analytical knowledge of traffic and transport science and engineering analysis. It will develop cognitive skills and applications of investigation, analysis, synthesis and problem solving, written and visual literacy, needed to address complex traffic and transport issues and challenges.

EGB273 Principles of Construction

| | |
|--------------|--------|
| Equivalent s | ENB275 |
| Credit | 12 |

Units

| | |
|----------------|--|
| Points | |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This is an intermediate level unit addressing the principles of construction, and its tools and techniques necessary for turning the infrastructure designs to the reality. It introduces the understanding of fundamental construction techniques so that the choices can be made between competing methods with due cognisance of the practicality, environmental effects, and safety. This unit is taught in the second year that builds upon prior units to further develop knowledge and skills on construction project capabilities. It develops the learning skills to manage increasingly complex projects in later units.

EGB274 Environmentally Sustainable Design

| | |
|----------------|--|
| Pre-requisites | EVB201 or EGB111 or UXB220 or UXB230 |
| Equivalent s | ENB274 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

The knowledge and skills associated with site investigation and planning for sustainable development are essential for civil and environmental engineers, as is the ability to work within multidisciplinary teams to

achieve balanced solutions on social, economic and environmental grounds. This sustainable development design project requires you to undertake typical site investigations, analyses and designs for a selected site covering sustainability issues in the following areas: Sustainable Transport, Land Planning including assessment of the surrounding suburbs, Water and Wastewater Management and Environmental Impact Assessment. This unit extends and applies the knowledge developed in first year design based engineering units to important issues such as site analysis, site investigation, development of site planning criteria, site planning, environmental management and quality, pollution prevention and control, and resource and waste management.

EGB275 Structural Mechanics

| | |
|----------------|---|
| Pre-requisites | EGB121 or EGD121 or ENB110 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Structural Mechanics is an essential knowledge to develop safe, economical and sustainable design of civil engineering structures. Structures are analysed in modern times using computer software; improper usage of these software can lead to disastrous

consequences. A clear and in-depth understanding of the principles and methods of analysis of structures is vital for successful practicing in the civil engineering discipline. The aim of this unit is to introduce structural mechanics principles and their applications to enable you to analyse structures prior to their design. The topics taught include moment distribution, bending moment and shear force diagrams for structures using indeterminate analytical and computer methods, principle of virtual work for deflection calculations, transformation of stresses, Mohr's circle, torsion, shear flow, shear centre, unsymmetrical bending, the principle of compatibility and combined loading of structural members.

EGB313 Energy Optimised Buildings

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

The built environment consumes a very large percentage of the earth's resources and contributes significantly to air, land and water pollution. A low-carbon environmentally sustainable future is dependent on the optimisation of energy efficiency and embedded renewable energy systems at a building and precinct level. This requires an integrated systems approach by all professions

involved in the design, construction, operation and performance evaluation of our built environment. In this unit you will explore the fundamental concepts of energy use in buildings and learn tools and techniques for the evaluation, measurement, operation and optimisation of building subsystems, buildings and collections of buildings that form precincts and communities. A key element will be developing your understanding of building occupants and what they need energy for.

EGB314 Strength of Materials

| | |
|----------------|---|
| Pre-requisites | (EGB121 or EGD121 or ENB110) and (MZB126 or EGD126 or equivalencies) |
| Equivalent s | ENB212 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

As a mechanical/medical engineer, you must have the expertise to analyse components and systems of components to produce safe and efficient designs. Strength of Materials is an intermediate level unit which investigates how external loading produces internal stresses and strains in a solid body, and the implications of these stresses and strains for components' strength, stiffness and robustness. Understanding this subject is an essential part of the design process that ensures the structural integrity

of various structures, electromechanical devices and mechanisms. When used effectively and this process can result in lightweight, reliable and robust structures. This unit builds on the concepts from the introductory Engineering Mechanics unit.

EGB315 Materials Degradation

| | |
|----------------|--|
| Pre-requisites | EGB214 or PVB101 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit will provide an appreciation and understanding of the environmental degradation mechanisms of the primary engineering materials. The chemical and combined mechanical degradation of metals, ceramics and polymers will be studied across a wide range of examples. Practical illustrations and experimentation of materials degradation will be provided. Also an introduction to the importance and methods used to select materials for various applications will also be covered. The unit will cover topics such as corrosion and mechanical failure of metals, polymer degradation, and the combined effect of mechanical stresses and chemical change such as stress corrosion cracking, hydrogen embrittlement and fretting.

EGB316 Design of Machine Elements

| | |
|----------------|--|
| Pre-requisites | EGB314 and (EGB210 or ENB215) or Admission to EN55 |
| Equivalent s | ENB316 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

You will learn the fundamental theories of mechanical design analysis, and will apply this in the design and analysis of a variety of machine elements. Methodical design process is emphasized, as is the application of relevant design standards, and advanced solid modelling software packages. A key focus of the unit is the repeated application of design concepts to real machine components that you interact with each week, to make you comfortable with both mechanical systems as a whole, and the determination, estimation, or selection of open ended quantities within the design process.

EGB319 BioDesign

| | |
|----------------|--|
| Pre-requisites | EGB210 or EGB220 or ENB215 or ENB229 |
| Equivalent s | ENB319 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit builds on Fundamentals of Mechanical Design to further develop your

engineering design skills, with particular emphasis on the role of computer-aided design (CAD), materials selection, manufacturing processes, assembly and maintenance in the design and management of bio-engineering devices. Knowledge of manufacturing processes, fundamentals of engineering design, engineering drawing and engineering materials is assumed. Content includes design for manufacture, materials selection, computer-aided design and solid modelling, rapid prototyping techniques, user interface, and case studies of selected medical devices. This unit provides knowledge required to complete Modelling and Simulation for Medical Engineers, leading to your capstone projects.

EGB320 Mechatronics Design 2

| | |
|-----------------|---------------------------------|
| Pre-requisites | EGB220 |
| Equivalent s | ENB329 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-2 |

Mechatronics Design 2 is a project unit with a hands-on application to advanced mechatronics principles. You will focus on the mechanics, electronics, and embedded software principles behind mechatronics. In this unit, you extend your knowledge and skills from Mechatronics Design 1 to the research, design, and implementation of an advanced mechatronic

product to meet a customer's needs. You will further extend your skills and knowledge in mechatronics design in Mechatronics Design 3.

EGB321 Dynamics of Machines

| | |
|-----------------|--|
| Pre-requisites | EGB211 or ENB211 |
| Equivalent s | ENB312 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit is focuses on the application of the theory of kinematics and kinetics to the typical components of real world machines. This unit will enable you to analyse displacement, velocity, acceleration and forces in machine components (gears, cams, linkages) including vibrations in multi degree of freedom systems. . Mathematical concepts required for this unit will be introduced in the lectures to scaffold the learning of Dynamics of machines. The capability of analysing these are essential to graduates in Mechanical Engineering, to ensure safe operation of the engineering system to improve productivity hence eliminating waste and leading to a sustainable environment.

EGB322 Thermodynamics

| | |
|----------------|------------------|
| Pre-requisites | EGB323 or ENB221 |
| Equivalent s | ENB222 |
| Credit | 12 |

| | |
|-----------------|--|
| Points | |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This is an intermediate unit in engineering thermodynamics, focused on the application of thermodynamic laws and theory to practical engineering problems in the analysis or design of energy systems. This can vary from the analysis of a single thermodynamic process, such as the compression of a gas, to the complex analysis of power plant or refrigeration systems. This unit is designed to introduce the fundamental principles of thermodynamics, together with the use of state diagrams to describe thermodynamic systems. In this unit, you will also apply these principles and analysis methods to real world engineering problems involving air compressors, internal combustion engines, steam power plant and refrigeration systems. This unit relies on a prior understanding of physics, mathematics and mechanics studied in your first year or equivalent units. The material covered in this unit will form a base upon which subsequent engineering units in thermodynamics and fluid dynamics will be built.

EGB323 Fluid Mechanics

| | |
|----------------|--------------------------------------|
| Pre-requisites | EGB113 or EGD113 or PVB101 or ENB130 |
| Equivalent s | ENB221 |
| Credit Points | 12 |
| Campus | Gardens Point, |



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| | EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Engineers work with numerous kinds of systems where consideration must be given to the motion within, and interactions between the system and its environment. This unit introduces the student to the concepts of fluid mechanics in the context of real engineering systems. The basic principles and equations of fluid mechanics are presented and discussed as related fluids within various engineering systems. After an introduction to the units and properties of fluids, pressure, hydrostatics and the energy and momentum equations are presented followed by an application of these principals to real fluids in piping systems. A brief introduction to the methods of computational fluid dynamics is presented and this methods utility to the solution of real world problems illustrated.

EGB324 Fundamentals in Numerical Modelling for Engineering

| | |
|-----------------|---------------------------------|
| Pre-requisites | MZB126 or EGD126 |
| Anti-requisites | MXB324 or MXB326 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Provide the knowledge and skills to derive and implement numerical methods (Finite Differences, Finite Elements, Finite Volumes) to solve partial

differential equations (PDEs) that govern many of the physical processes encountered in real world engineering problems. Become familiar with the methodologies for developing numerical algorithms that can be employed for problems that would otherwise be unsolvable, and with the skills to communicate the results. Numerically solve common equations encountered in practical engineering problems using MATLAB. Acquire fundamental and technical knowledge of numerical methods to solve partial differential equations. Core unit to the Computer Modelling for Engineering Minor and option unit to the Computational and Simulation Science second major.

EGB336 Lean Manufacturing

| | |
|----------------|--|
| Equivalent s | ENB336 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Aim of this unit is to develop skills and understanding the concepts and techniques of lean manufacturing (methods engineering). These includes identifying wastes using Value Stream Mapping (VSM), 5S, SMED, JIT, plant layout, cell design with proper material handling and balance and job design with due consideration to ergonomics.

EGB339 Introduction to Robotics

| | |
|----------------|---------------------------------|
| Equivalent s | ENB339 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit introduces you to the components, systems and mathematical foundations of robotics. The unit introduces the technologies and methods used in the design and programming of modern intelligent robots, and encourages critical thinking about the use of robotic technologies in various applications. The unit emphasizes the practical application of robotic theory to the design and synthesis of robotic systems that respond accurately and repeatably.

EGB340 Design and Practice

| | |
|----------------|--|
| Pre-requisites | EGB240 or ENB245 or Admission to EN55 |
| Equivalent s | ENB345 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Detailed design and realisation of typical electronic subsystems used in all areas of electrical and electronic systems engineering. The unit enhances the student's ability in solving complex engineering problems. The design builds on the theoretical knowledge gained in other units. The student is required to write a

detailed technical report and also give an oral presentation on her/his design.

EGB341 Energy Supply and Delivery

| | |
|----------------|--|
| Pre-requisites | EGB241 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

The unit (EGB341) covers the technical aspects of electric energy generation and delivery. The structure of energy conversion and delivery from power stations through transmission and distribution to customers will be addressed, including the concept of electricity markets. Models of transformers, transmission lines, synchronous and induction machines will be studied as key components of electricity network. This subject will lay the foundations for EGH441 Power System Modelling.

EGB342 Telecommunications and Signal Processing

| | |
|----------------|--|
| Pre-requisites | EGB242 or ENB242 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This a foundational unit addressing core concepts, characteristics and performance requirements in

analog and digital communication systems. It introduces basic building blocks of analog and digital modulation techniques for single and multi-user communications. Use time and frequency domain signal analysis, apply information theory to compress digital data, choose appropriate modulation techniques to transmit digital and analog signals and the ability to analyse the performance in noisy channels are important skills for electrical engineering graduates. This is an introductory unit and the knowledge and skills developed in this unit are relevant to communication and signals stream in the electrical engineering major. EGH443 Advanced Telecommunications, EGH444 Digital Systems and Image processing, and EGH442 RF Techniques and Applications units build on this unit by extending analytical understanding of basic building blocks for design and analysis of more complex signals and systems

EGB345 Control and Dynamic Systems

| | |
|-----------------|--|
| Pre-requisites | EGB242 or (ENB120 and MAB126) |
| Anti-requisites | EGH421 |
| Equivalent s | ENB301, ENB348 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Control systems engineering is at the heart of most of the modern electrical and mechanical systems that you will encounter in your careers as practicing engineers. The unit provides theoretical and practical understanding of control systems to enable you to better apply and design engineering technologies. The unit is an intermediate level unit to be undertaken once you have sufficient mathematical and analysis skills to understand the theory and to apply the theory in practice.

EGB346 Unmanned Aircraft Systems

| | |
|----------------|--|
| Pre-requisites | EGB243 and (MZB126 or EGD126) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit introduces you to unmanned aircraft systems which builds upon your knowledge gained in aircraft systems and flight, and applies it to the field of unmanned aircraft systems. In this unit, you will apply principles of aircraft systems understanding in the context of unmanned aircraft systems, identify and analyse the context and implications of unmanned systems in the airspace environment, and apply a risk based approach to the operation of unmanned aircraft systems. Completion of this unit equips you with the knowledge and skill to undertake advanced

Units

unmanned aircraft systems.

EGB348 Electronics

| | |
|----------------|--|
| Pre-requisites | EGB242 or ENB242 |
| Equivalent s | ENB240 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Electronic devices and circuits are the building blocks of most electrical and computing devices. In this unit, you will identify the characteristics and operation of discrete and integrated circuit semiconductor devices, including diodes, transistors and op amps. You will learn how they are combined into circuits to perform useful operations on signals, such as amplification, filtering or switching. This unit also introduces digital electronics, including devices such as logic gates and flip-flops, and combinational logic, and digital circuit design. This unit is an Intermediate Electrical Option, which builds on basic the electrical circuit theory learned in EGB120. It forms the foundation for later units in Advanced Electronics and Power Electronics.

EGB349 Systems Engineering and Design Project

| | |
|----------------|--------------------------------------|
| Pre-requisites | EGB240 or EGB220 or EGB210 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |

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

This intermediate unit further develops your knowledge, skills and application of design concepts introduced in electronic design. This unit focuses on experimental design. Using a systems engineering approach, this unit aims to replicate industry or government systems engineering practices as closely as possible by providing the opportunity for you to work on an aircraft concept. Working in teams you will start from a basic need and opportunity description, identify customers, formulate a basic business case, establish a basic concept of operations, develop the system requirements, generate concepts, conduct trade studies and determine the most promising aircraft design, and pursue a conceptual design of the systems. This will provide you with the necessary skills, experience and knowledge to undertake the capstone projects.

EGB361 Minerals and Minerals Processing

| | |
|----------------|---------------------------------|
| Pre-requisites | CVB101 |
| Equivalent s | ENB361 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

The unit will provide an understanding of the principles of physical and chemical

mineral processing operations. An emphasis will be placed on: 1) characterisation of ores, 2) ore preparation, 3) physical separations and 4) chemical separations. This unit will use current Australian mining industries to demonstrate the importance and significance of each stage of mineral processing.

EGB362 Operations Management and Process Economics

| | |
|----------------|---------------------------------|
| Pre-requisites | EGB261 or EGB461 or EGB323 |
| Equivalent s | ENB260, EGB260 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

The unit will cover material that allows the Process Engineer to maximise the profitability of a factory. The Operations Management subsection covers quality management, operational scheduling and 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.

EGB364 Process Modelling

| | |
|----------------|---|
| Pre-requisites | (EGB461 or CVB221 or EGB261) and (EGB262 or CVB220) |
| Equivalent s | ENB460, EGH460 |
| Credit Points | 12 |
| Campus | Gardens Point |

Units

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This unit builds on the introductory concepts learned in EGB262 Process Principles, moving from simple steady-state mass and energy balances towards complex balances involving chemical thermodynamics and/or dynamic systems of interacting unit operations, i.e. an industrial process. The theory for the underlying numerical methods and chemical thermodynamics for commercial process simulation software will be introduced. Process simulation software will be applied in context. The unit leads into EGH462 Process Control which focuses on dynamic behaviour.

EGB371 Engineering Hydraulics

| | |
|---------------------------|--|
| Pre-requisites | MZB126 or EGD126 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availability es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This is an intermediate level unit that provides knowledge on hydraulic principles and its application in engineering. The topics to be covered are: Units and properties of fluids, Forces in static fluids, Buoyancy, Kinematics and continuity, The energy equation and the momentum equation for real fluids, frictional flow in pipes, application of pipe resistance formulae, fitting losses, pump characteristics and selection

and pipes network analysis, similitude and dimensional analysis and lift and drag. The knowledge gained in this unit will be further developed in an advanced level unit later in the course.

EGB373 Geotechnical Engineering

| | |
|-------------------------------|--|
| Pre-requisites | (EGB121 or EGD121 or ENB110) and EGB123 and (EGB270 or EGD270) |
| Equivalent s | ENB272 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availability es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This is a Geotechnical Engineering unit addressing the theoretical concepts required for geotechnical design such as retaining walls, soil slopes, earth dams, and shallow/deep foundations. It provides knowledge to estimate the stresses in soils due to geotechnical structures and the settlement /deformation of soil due to these external loads. This unit also provides hands on experience for students in laboratory soil testing to obtain the soil properties for design. You will learn about soil testing apparatus, testing procedures and testing standards required for determining soil properties for geotechnical engineering design. This unit requires the prior knowledge of Engineering mechanics (EGB121), Civil engineering systems (EGB123) and Civil Engineering Materials (EGB270). EGH473 (Advanced

Geotechnical Engineering), EGH479 (Advances in Civil Engineering practice) and projects (EGH400-1 and EGH400-2) in Geotechnical/structural engineering require the knowledge of this unit.

EGB375 Design of Concrete Structures

| | |
|-------------------------------|--|
| Pre-requisites | (EGB121 or EGD121 or ENB110) and (EGB270 or EGD270 or ENB273) |
| Equivalent s | ENB276 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availability es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This is an intermediate civil engineering unit that will develop the knowledge essential for the design of concrete structural elements using part of the information covered in two basic level units: (i) Civil Engineering Materials and (ii) Engineering Mechanics. Design principles of concrete structural elements subject to bending, shear and axial forces will be developed from the fundamental principles of engineering mechanics. Appropriate clauses in concrete structures design standards (AS3600/ AS5100) will be referenced where applicable. The information covered in this unit will be developed further in the Advanced Concrete Design unit later in the course.

EGB376 Steel Design

| | |
|----------------|--|
| Pre-requisites | (EGB275 or ENB270) and (EGB270 or EGD270 or ENB273) and (EGB121 or EGD121 or ENB110) |
| Equivalent s | ENB375 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This is an intermediate civil engineering unit that will provide in-depth knowledge and understanding of the behaviour, analysis and limit states design of steel structural elements such as tension and compression members, beams and their connections. It will also provide you the necessary skills and experience in analysing and designing simple steel structures including continuous beams and trusses through group projects on real world examples. The ability to analyse and design buildings, bridges, cranes and transmission towers constructed in steel under various loadings is a requirement for a range of graduate civil engineering positions. This unit is the first one in the civil engineering course that provides the knowledge and skills required for this purpose. It forms the foundation for a number of advanced civil engineering units in later years of the course. EGB476-Advanced Steel Design builds on this unit by extending your knowledge and skills for more complex steel structures.

EGB377 Water and Waste Water Engineering

| | |
|----------------|--|
| Pre-requisites | EGB371 |
| Equivalent s | ENB377 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Water and wastewater engineering is a third year elective Civil Engineering unit, providing the fundamental principles and application of (i) drinking water and (ii) wastewater treatment processes. The subject of water quality is also introduced to show how to link source water quality to treatment process selection. The wastewater component covers principles of wastewater treatment in order to enable wastewater to be disposed safely, without being a danger to public health or polluting receiving watercourses. New concepts introduced during lectures are explained through practical examples and further demonstrated with real-world complex practical problem solving tasks during tutorials. There are two site visits, one to a water treatment plant and to a wastewater treatment plant. These real-world experiences will help consolidate concepts, principles and methodologies learned in the classroom.

EGB379 Advanced Transport Engineering

| | |
|----------------|--|
| Pre-requisites | EGB272 |
| Equivalent s | ENB379 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

The aim of this unit is to develop your awareness and understanding of important concepts and analytical tools for designing, planning, economics, and operation of transport systems including public transport systems. The unit focuses on understand characteristics of transit infrastructure in Australia, systems operation and management, and service planning and quality assessment. Students will learn how to apply common techniques to plan, design, and evaluate public transit services. The unit also presents the concepts of advanced traffic engineering including traffic control and systems management, Intelligent Transport Systems, and work zone traffic control for students to gain a basic understanding and appreciation of current and emerging traffic engineering technologies and industry applications of the field.

EGB381 Infrastructure Asset Management

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|----------------|----------------|
| Pre-requisites | EGB123 |
| Credit Points | 12 |
| Campus | Gardens Point, |

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| | EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

The quality of civil infrastructure has significant impacts on the quality of life, the health of the social system, and the sustenance and growth of regional and national economy. This unit in infrastructure asset management is a response to the growing need for civil engineers to be proficient in infrastructure asset management topic that requires a broad and practical knowledge of infrastructure characteristics and fundamental management techniques. At the completion of this unit students will have sound understanding of the whole of life-cycle assessment of infrastructure assets, practical asset-management techniques, and some of the economic and governance related issues that pertains to infrastructure. These skills should enable students with better decision-making capabilities that can increase resilience and sustainability of infrastructure.

EGB382 Construction Methodologies

| | |
|----------------|--|
| Pre-requisites | EGB273 |
| Equivalent s | ENB381 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit develops your knowledge, skill and application for construction methodologies. Having studying this unit you will identify, develop or modify construction methodologies to deliver infrastructure project. It ensure the solutions are quality, safe and environmentally and community sensitive.

EGB383 Environmental Resource Management

| | |
|----------------|--|
| Equivalent s | ENB383 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit prepares you for the essential civil engineering work of investigating, designing and constructing solutions to manage urban wastes with detailed discussions of the technologies available to convert wastes to valuable resources. The unit primarily addresses the management of solid wastes generated from domestic, commercial, and industrial sources and stormwater generated in urban regions, which is polluted with ecologically hazardous and toxic substances. The technical content of this unit includes 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 waste, disposing of waste in

a socially and environmentally acceptable manner; stormwater treatment and reuse and water sensitive urban design. Environmental resource management is an important aspect of civil and environmental engineering education and general engineering practices.

EGB384 Bidding, Estimating and Cost Management

| | |
|----------------|--|
| Pre-requisites | EGB273 or ENB275 |
| Equivalent s | ENB382 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This is an advanced Civil Engineering unit that will: 1. Develop the theoretical and analytical knowledge and practical skills for the preparation of a "contractor's estimate" and tender submission for civil engineering projects, including the planning of construction activities, identification of appropriate equipment and structure of the estimate itself 2. Provide an understanding of the use of specifications and contracts while preparing estimates 3. Provide an understanding of the stages of capital works and the type of estimating process for each stage 4. Provide an introduction to the use of estimates in cost control systems and the type of cost estimation that is carried by contractors in the preparation of bids 5. Develop

skills in teamwork and collaboration needed to produce a competitive tender

EGB386 Design of Masonry Structures

| | |
|----------------|--|
| Pre-requisites | EGB275 |
| Equivalent s | ENB384 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This is core unit for study area B (Structural Engineering) that will develop the knowledge essential for the design of masonry structural elements. Design of masonry structural elements subject to bending, shear and axial forces will be developed from the fundamental principles of engineering mechanics. Appropriate clauses in masonry structures design standard (AS3700) will be referenced where applicable. Application of these principles to the design of a medium rise residential or industrial building.

EGB387 Project Value and Innovations

| | |
|----------------|--|
| Pre-requisites | EGB382 |
| Equivalent s | ENB472 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

In addition to design competence, Engineers require a sound understanding of construction and management principles and engineering economic analysis to fully meet the expectations of employers and the broader community. This unit addressing a complete financial and economic evaluation of project using several evaluation criteria commonly applied in the assessment of engineering project alternatives. This is an construction engineering second major unit and the knowledge and skills developed in this unit will help engineers to think creatively, work collaboratively and to understand the decisions required in a project planning and feasibility environments as well as understanding projects within the economic (value and price) environment. This advanced unit significantly integrates your prior knowledge and skills to effectively perform specific management tasks in typical civil engineering projects.

EGB414 Advanced Materials

| | |
|----------------|--|
| Pre-requisites | EGB214 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

With a rapidly growing and ageing world population, the need for novel materials with advanced properties to address critical issues from energy to environment and

healthcare is increasing. You are introduced to the breadth of advanced materials research and their engineering applications. Selected structural and functional metallic, ceramic and polymer materials, their composites, and nanostructured materials are examined in more depth in the context of their processing, characterisation, performance and applications in robust designs. Where appropriate, relevant engineering cases, research papers that outline the latest developments in research, and laboratory experiments provide an in-depth understanding of the selected material or applications. The processes by which these scientific discoveries can be taken to the commercial world are also discussed. EGB414 is built from knowledge you previously learned in EGB214 Materials and Manufacturing.

EGB415 Motor Racing Vehicle Design

| | |
|----------------|--|
| Pre-requisites | EGB316 Or Admission to (EN50 or EN55) |
| Equivalent s | ENB315 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

After studying Fundamentals of Mechanical Design and Design of Machine Elements, in this unit you will study design of different systems of motor racing vehicles. This will accomplish systematic study of

Mechanical Design and will enable you to carry out design of race vehicles and prepare them for a competition. Attention will be paid to styling and ergonomics as well as construction methods used in building race vehicles. The topics covered include: Introduction. Concept development of a race vehicle. Tyre selection. Suspension geometry, components and alignment. Brakes. Race car handling. Engine and engine tuning. Drive train (gearing and differentials). Frame and body. External and internal aerodynamics of a race vehicle. Driver compartment (fitting and comfort). Testing and preparation for a competition. Safety in motor racing (accident avoidance and driver protection).

EGB422 Energy Management

| | |
|----------------|--|
| Pre-requisites | EGB323 Or Admission to (EN50 or EN55) |
| Equivalent s | ENB422 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Global energy issues are having a profound effect on engineering practice in relation to energy utilisation. Energy management is generally regarded as an effective solution for immediate energy consumption reduction and to address global warming. It is also concerned with increasing productivity, improving standards of living and saving

money. You will learn how to apply the principles of thermodynamics, heat transfer and electricity along with an introduction to financial analysis and managerial practice. This will enable them to conduct an audit of energy systems and develop a sustainable energy management plan. This unit also details energy auditing of commercial buildings, industrial energy systems and processes, and explore their energy-saving opportunities. It equips students with the skills and knowledge required to conduct energy audits, analyse data, and provide reports for their energy-related customers. This unit also includes guest lectures from industry experts.

EGB423 Heating, Ventilation and Air Conditioning

| | |
|----------------|---------------------------------------|
| Pre-requisites | EGB323 Or Admission to (EN50 or EN55) |
| Equivalent s | ENB423 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Heating, Ventilation and Air Conditioning (HVAC) is closely related to human habitation, comfort and productivity. It also consumes considerable amount of energy. With increasing global warming, it is becoming one of the most important engineering systems in modern buildings. This unit will introduce you basic principles of HVAC and refrigeration systems. It will discuss the design factors and practices related to the design

and operation of HVAC systems. It will also provide you with other relevant knowledge commonly used in the building services industry. This course should therefore provide you a good basis to undertake further study, research and professional work in this field.

EGB424 Advanced Computational Fluid Dynamics

| | |
|----------------|---|
| Pre-requisites | (EGB324 or EGB323 or EGB371 or EGH423 or MXB324 or MXB326) or Admission to (EN50 or EN55) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit will provide core knowledge of CFD (Computational Fluid Dynamics) for engineers based on the numerical methods and computational techniques that are incorporated in current CFD software. Commercial codes Ansys-CFX and Fluent will be used to accurately perform CFD simulations and critically analyse practical engineering flow problems. Experimental techniques and measurements will be introduced to validate the numerical simulations.

EGB432 Asset Management and Maintenance

| | |
|----------------|--------------------------------------|
| Pre-requisites | EGB316 or ENB316 or EGB319 or ENB319 |
| Equivalent s | ENB432 |
| Credit Points | 12 |

Units

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| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit includes the following: engineering asset management policy statement; overhaul and replacement of engineering assets; organisation for maintenance; maintenance planning and control; failure mode and effect analysis; reliability, maintainability and availability analysis; risk assessment; spare parts inventory management.

EGB434 Tribology

| | |
|----------------|---------------------------------------|
| Pre-requisites | EGB323 Or Admission to (EN50 or EN55) |
| Equivalents | ENB434 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Tribology is the study of friction, wear and lubrication. In this unit, the knowledge you acquire is applied to solve problems prevalent in engineering. Topics covered range from the theory of friction, lubricant properties and chemistry, to the control of friction and wear by proper selection of both materials and lubricants, pad bearings, journal bearings, hydrostatic lubrication, elastohydrodynamic lubrication, boundary lubrication, dry rubbing solids, and also new trends in tribology including nanotribology and biotribology.

EGB435 Advanced Manufacturing

| | |
|----------------|---------------------------------------|
| Pre-requisites | EGB214 Or Admission to (EN50 or EN55) |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit is built on the earlier unit Materials and Manufacturing (EGB214) with a particular focus to advanced manufacturing technique. The unit further develops student knowledge and skills around advanced manufacturing processes, in particular various machining techniques such as turning, milling, shaping, drilling and grinding and various other super finishing techniques. In addition the students will develop appreciation of the mechanics of metal cutting (orthogonal), tooling considerations and economics of tooling. In particular this unit introduces various non-traditional manufacturing processes such as ECM, EDM, Ultrasonic Machining etc. In a broad sense this unit will provide all necessary knowledge about manufacturing a product/assembly/machine including process capability and process sequencing.

EGB436 Industrial Automation

| | |
|----------------|---------------------------------------|
| Pre-requisites | EGB214 Or Admission to (EN50 or EN55) |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Industrial Automation unit is a

project based unit and gives opportunity to students to work on inter-disciplinary teams to design and develop a product/assembly system by applying knowledge that was obtained from earlier studies. The students will be introduced to various techniques for design, development and control of manufacturing systems with the emphasis on a hands on practice of developing a new product/machine/control system for a given process and/or product in order to automate the process. Topics include the following: Automation requirements, systems design methodology, sensors, actuators and PLC programming. This unit will prepare the students to undertake their final year honors project more confidently and perform to their best. Assessment in this unit consists of a series of individual and group presentations and problem solving tasks throughout the semester and a final group report with individual contributions to the overall success of the chosen project.

EGB439 Advanced Robotics

| | |
|----------------|--|
| Pre-requisites | EGB339 or ENB339 Or Admission to (EN50 or EN55) |
| Equivalents | ENB439 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit extends the robotic concepts introduced in Introduction to Robotics and introduces you to the components, systems and mathematical foundations of mobile robots. The unit introduces the fundamental approaches and techniques which enable modern mobile robots to usefully and safely navigate an environment to perform useful tasks. The unit encourages critical thinking about the use of robotic technologies in various applications, and emphasizes the practical application of robotic theory to the design and synthesis of mobile robotic systems that can understand their environment and plan their actions accordingly.

EGB473 Composite Structures

| | |
|-----------------|---------------------------------------|
| Pre-requisites | EGB476 or Admission to (EN55 or EN60) |
| Equivalent s | ENB473 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-1 |

This is an advanced structural design unit that provides in-depth knowledge about composite multistorey building design and construction where students will be introduced to the various theoretical and practical issues of composite multistorey building construction in the context of a real building project.

EGB475 Advanced Structural Analysis

| | |
|----------------|-----------------------------|
| Pre-requisites | EGB275 or Admission to EN55 |
|----------------|-----------------------------|

| | |
|-----------------|------------------------------|
| Equivalent s | ENB475 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-2 |

This is an advanced structural engineering unit in which topics that are regularly used by structural engineers as well as some topics that become useful for special cases will be covered. Using knowledge from previous years, you will develop and present the computer based stiffness method for analyzing structures in order to design them. Dynamics and vibration of structures will be introduced with applications to buildings. Structures collapse when loaded beyond their capacity. The predictable pattern of structural failure through the formation of plastic hinges (or failure points) will be treated. The application of dynamics and vibration to structural health monitoring and damage detection and to seismic engineering will be covered. The Australian Standard AS1170.4 for seismic analysis will be used in the studies. On completion of this unit, students will be well prepared to face the challenges of a structural engineer.

EGB476 Advanced Steel Design

| | |
|-----------------|------------------------------|
| Pre-requisites | EGB376 or Admission to EN55 |
| Equivalent s | ENB373 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-2 |

This is an advanced level civil engineering unit that provides the required knowledge and skills for the analysis, design and construction of steel buildings. Building on the structural, material and construction units of previous semesters, it provides detailed knowledge, skills and experience in determining the wind effects on buildings, modelling, analysis and design of steel framed buildings and all their components by engaging in a single storey steel portal frame building project on a real site. The ability to analyse and design steel buildings is a requirement for a range of graduate civil engineering positions. This unit is the second one in the civil engineering course that provides the knowledge and skills required for this purpose. It will prepare you to pursue a career in structures and/or construction. EGB473-Composite Structures builds on this unit by extending your knowledge and skills for more complex, composite steel-concrete structures.

EGB482 Contracting and Construction Regulations

| | |
|-----------------|--|
| Pre-requisites | EGB273 or admission to EN55 |
| Equivalent s | ENB277 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

A construction engineer must have an appreciation of the

regulated environment in which he/she works. The law and particularly the law relating to construction has a significant impact upon that working environment. This unit will provide a framework and sufficient detail of the law for you to have a significantly increased awareness of how the law governs their and their organisation's actions within the industry.

EGB485 Finite Element Analysis

| | |
|----------------|---|
| Pre-requisites | EGB475 or Admission to (EN50 or EN55 or EN60) |
| Equivalent s | ENB474 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This is a final year unit which will develop advanced knowledge and methodology in computer based structural analysis. These will enable the analysis of complex structures under both static and dynamic load the use of vibration data in structural health monitoring.

EGB486 Bridge Engineering

| | |
|----------------|--|
| Pre-requisites | EGB375 and EGB376 and EGB475 or Admission to EN55 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Bridge Engineering is an important discipline in Civil Engineering. This unit will help you develop knowledge in

bridge engineering integrating what you have learnt in your earlier years on structural analysis and design. You will develop your skills for bridge analysis and design equipping yourselves in pursuing a career as a bridge engineer.

EGB489 Advanced Transport Modelling

| | |
|----------------|---------------------------------|
| Pre-requisites | MZB126 or admission to EN55 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit will develop the necessary theoretical and practical knowledge of transport demand and supply models and simulation techniques. It will develop skills in applying advanced transport modelling techniques at micro and macro levels. The focus will be on strategic models for network planning and traffic flow models for operational analysis and control.

EGD113 Energy in Engineering Systems

| | |
|-----------------|--|
| Anti-requisites | EGB113, PVB101 |
| Equivalent s | ENB130 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

Engineers deal with systems that are made up of solids, liquids and gases that may work individually or in unison. All engineers need to understand the basic relationships amongst force,

motion and energy, namely how energy is transformed and how it flows through such systems. This knowledge will help engineers analyse, synthesize and understand the working of various components and their characteristics that make up an engineering system. This unit covers such fundamental principles that engineers will use and apply in their professions.

EGD120 Foundations of Electrical Engineering

| | |
|-----------------|--|
| Pre-requisites | EGD113 |
| Anti-requisites | EGB120 |
| Equivalent s | ENB120 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

All engineers need to have a basic understanding of the relationship between electrical energy, electronic instrumentation and measurements. Understanding techniques for circuit analysis, instruments for measurement and practical applications in an engineering context are the objectives of this unit. This unit lays the foundation for advanced units in electronics, signals and systems, and power systems in later years.

EGD121 Engineering Mechanics

| | |
|-----------------|--------|
| Anti-requisites | EGB121 |
| Equivalent s | ENB101 |
| Credit Points | 12 |

Units

| | |
|----------------|--|
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

An engineer must have the ability to analyse and design engineering components and systems (cranes, buildings, bridges, mechanical equipment etc). This unit provides the basic knowledge and skills for the purpose of analysing engineering components and structures. Principles of mechanics and an ability to use it for design are essential to your career and your degree. This unit forms the foundation for Stress Analysis and Structural Analysis.

EGD125 Introductory Engineering Mathematics

| | |
|-----------------|--|
| Anti-requisites | MZB125, MAN120 |
| Equivalent s | MAB100, MAB120, MAB125, MAB180, MXB100 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

A sound understanding of the language and techniques of mathematics is essential for any quantitative discipline, and so this unit provides an introduction to fundamental mathematical concepts especially applicable to engineering. This unit addresses the need of some students for additional preparation in their transition from high school to university, particularly those who have not studied Queensland Senior Mathematics C or equivalent.

EGD126 Engineering Computation

| | |
|-----------------|--|
| Anti-requisites | MZB126 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

Applied problem solving is a key skill in all disciplines of engineering. This unit provides you with a structured model for problem solving early in your course experience, emphasising critical thinking, analysis, interpretation and exposition, in applications across multiple disciplines in engineering. Fundamental elementary skill development in computational tools further supports the student's capacity to interpret, describe and understand mathematical and statistical concepts and the contexts in which they apply.

EGD270 Civil Engineering Materials

| | |
|-----------------|--|
| Anti-requisites | EGB270 |
| Equivalent s | ENB273 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

This unit develops your foundational civil engineering knowledge and capabilities in the specification, production, properties, testing and application of concrete, steel and soils as construction materials. The knowledge and applied skills that you develop in core and sustainable materials is foundational to all future structural and

geotechnical units.

EGH400 Research Project 1

| | |
|----------------|--|
| Pre-requisites | (EGH403 or EGH404) and Completion of 288cp in an Engineering course. EGH404 can be studied in the same teaching period as EGH400-1 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

Research Project 1 and 2 are the capstone research informed units for the Bachelor of Engineering (Honours) degree. They draw together the theory and practice of your major engineering studies, covered in the previous six semesters of the program. You are required to identify an Engineering challenge and apply your learning to carry out a comprehensive, independent project to address the challenge using a rigorous research framework. The purpose of these units is to prepare you for your transition to the professional world or to further research studies.

EGH400 Research Project 2

| | |
|----------------|--|
| Pre-requisites | EGH400-1 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit is the second part of the capstone research informed units for the Bachelor of Engineering (Honours) degree. It is only taken once you have completed EGH400-1 (Research Project 1) and is

related to the same student project. The project involves the application of skills and knowledge attained during the earlier years of your degree program to complete a project with a research framework. The unit also gives you the opportunity to demonstrate that you have completed the required work placement for accreditation with Engineers Australia. The purpose of this unit is to prepare you for your transition to the professional world or to further research studies.

EGH404 Research in Engineering Practice

| | |
|-----------------|---|
| Pre-requisites | 192 Credit Points of completed study or Admission to EN60 |
| Equivalent s | EGH403 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This is a core engineering unit that introduces you to methods, principles and processes that are fundamental to performing effective research, and relates them to professional engineering practice. This encompasses a variety of areas including critically analysing and reporting information and findings, presenting and pitching research ideas, and the analysis and visualisation of data. As engineers, you will be entering a highly dynamic and changing workforce where you will be required to adapt and

respond to changing demands. This unit builds on your understanding of fundamental concepts and language in your engineering discipline and directly prepares you for your final year engineering project, as well as research-based professional engineering practice.

EGH408 Research Project

| | |
|-------------------|---|
| Pre-requisites | 288 Credit Points |
| Other requisites | Subject Area Coordinator approval is required to enrol. Students must have completed 288 credit points in EN01 prior to seeking approval. |
| Assumed Knowledge | null |
| Credit Points | 24 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This is an accelerated project unit allowing for EN01 students to complete their 24 credit points of final year capstone project in one semester. You are required to identify a research related issue or problem and apply your learning to carry out a comprehensive, independent research informed project designed to extend and broaden your understanding of the chosen topic. The unit also gives you the opportunity to demonstrate that you have completed the required work placement for accreditation with Engineers Australia. The purpose of this unit is to prepare you for your transition to the professional world or to

further research studies.

EGH411 Industrial Chemistry

| | |
|-----------------|---|
| Pre-requisites | CVB101 |
| Equivalent s | CVB211, PQB623 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-2 |

It is essential that chemists and process engineers involved in industrial chemical production translate fundamental knowledge of chemistry and process engineering into practical outcomes. In this unit you will focus on green chemistry, industrial biotechnology and catalysis which underpins 90 % of all chemicals made today. You are introduced to catalyst fundamentals and their application to industry for bulk chemicals, production of polymers and plastics, zeolites for green chemistry and bio-catalysts such as enzymes. You will also be guided through the development of professional skills which includes creation of a MindMap, completion of a Dynamic SWOT analysis, and presentation of business ideas in a poster. This unit primarily builds upon fundamentals learned in Process Principles and Unit Operations courses.

EGH413 Advanced Dynamics

| | |
|----------------|---------------------------------------|
| Pre-requisites | EGB321 or Admission to (EN50 or EN55) |
| Credit Points | 12 |
| Campus | Gardens Point, |

Units

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| | EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

The analysis, design, and control of many practical engineering systems require analysis of rigid bodies in three dimensions, e.g. gyroscopes, amusement park rides, space vehicles, and robots. The aim of this unit is to develop skills and techniques to analyse the behaviour of mechanical systems in three dimensions using both Newton-Euler and Lagrangian approaches. This capstone unit builds upon the concepts of 2D kinematics and kinetics from earlier units (EGB211, EGB321) and introduces Lagrangian methods, which are powerful tools in developing equations of motion for complex engineering systems.

EGH414 Stress Analysis

| | |
|----------------|--|
| Pre-requisites | (EGB314 or ENB212) or Admission to (EN55 or EN60) |
| Equivalent s | ENB311 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

As a mechanical engineer, you must have the expertise to analyse components and systems to produce safe effective designs, innovate new products and improve existing devices. To be competent in doing this, you must understand how engineering

components respond to loads and the nature and impact of the stresses and strains that are set up in them as a result of loading. Stress analysis is an essential analytical process that is used to ensure that structures are safe for the intended service condition. In its traditional form it combines basic mathematical manipulations and theory of elasticity with engineering design decisions, while in the modern era computational analysis add to your capacity to analyse and design and optimize more complex product. If appropriately done, stress analysis results in light, reliable and robust structures with significant implication for cost saving and durability. This unit is located in third year and builds on your first and second year's work in Engineering Mechanics in EGB121 and Strength of Materials in EGB314.

EGH418 Biomechanics

| | |
|----------------|--|
| Pre-requisites | EGB211 or ENB211 |
| Equivalent s | ENB318 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Biomedical engineers require the ability to analyse the mechanics of the human body for applications such as prosthetic design, design of assistive devices for people with disabilities, sporting performance, ergonomic tasks,

and other health related areas. In this advanced unit, the concepts of dynamics are further developed in the context of biomechanical systems and human movement. Skills for the measurement of human movement are developed.

EGH419 Mechatronics Design 3

| | |
|----------------|---------------------------------|
| Pre-requisites | EGB320 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Mechatronics Design 3 is an advanced project unit with a hands-on application to interdisciplinary mechatronics principles. You will focus on the mechanics, electronics and embedded software principles of mechatronics as an interdisciplinary team with individual strengths ranging across these areas. The unit focuses on the research, design, and implementation of an advanced mechatronic product to conform to a customer's needs. This unit extends your knowledge and skills from Mechatronics Design 2 and prepares you for your capstone project.

EGH420 Mechanical Systems Design

| | |
|----------------|--|
| Pre-requisites | (EGB316 or ENB316) or ((Admission to EN55) and (ENN516)) |
| Equivalent s | ENB317 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point |

Units

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|----|-----------------------------------|
| es | - SEM-2 |
| | External - XCH-1, XCH-2 |

This is an advanced unit that builds on previous introductory and intermediate design units which forms the backbone of the mechanical engineering major. Design knowledge and skills are brought together and expanded upon to facilitate the design and analysis of systems of increasing complexity and interdependence which also makes them of greater practical value to society. You also will be given the opportunity to consider the broader role mechanical engineers often play in relation to human interaction, quality, safety, ethics and sustainability in design. This unit will synthesise your knowledge and skills for your final year project.

EGH421 Vibration and Control

| | |
|-----------------|--|
| Pre-requisites | (EGB321 or ENB312) or Admission to (EN55 or EN60) |
| Anti-requisites | EGH462 |
| Equivalent s | ENB313 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This is a capstone unit that builds on the earlier dynamics units (EGB321 Dynamics of Machines, EGB211 Dynamics). The focus of this unit is design of control measures for machinery and processes. Dynamic behaviour of a system, its stability, steady

state behaviour forms the basis of the control system design using root-locus and frequency response methods. Mathematical concepts will be introduced to scaffold the learning of control concepts.

EGH422 Advanced Thermodynamics

| | |
|-----------------|--|
| Pre-requisites | (EGB322 or ENB222) or Admission to (EN50, EN55 or EN60) |
| Equivalent s | ENB421 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This is an energy-focused advanced engineering unit addressing core fundamentals and applications of heat and mass transfer. It introduces and discusses the key concepts of heat conduction, convection, radiation and mass diffusion while implementing conceptual and mathematical design exercises under each key concept. Such an understanding is crucial for engineers and scientists to evaluate and improve the heat transfer efficiency of various natural and man-made processes as well as machinery. At the same time, this knowledge is useful to design optimal heat/mass insulations and efficient heat/mass exchangers. In other words, for a professional who is going to be working on a role related to energy and/or heat transfer, this unit is an important source of knowledge

and guidance. This is an advanced engineering unit which aims to strengthen and broaden your analytical and practical skills through realising how energy and matter propagates via conceptual and mathematical lenses.

EGH423 Fluids Dynamics

| | |
|-----------------|--|
| Pre-requisites | (EGB322 or ENB222) or Admission to (EN55 or EN60) |
| Equivalent s | ENB321 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This is an advanced level unit in fluid dynamics, which builds on your understanding of fluid mechanics, thermodynamics and mathematics by studying viscous, transient and compressible fluid flows, together with the analysis and design of fluid machines including pumps and turbines. Analysis methods involve experimental studies using dimensional analysis, theoretical and analytical studies based on idealized versions of real engineering systems, and numerical studies based on the application of computational fluid dynamics (CFD). This unit relies on a prior understanding of dynamics, fluid mechanics and thermodynamics studied in introductory and intermediate units.

EGH424 Biofluids

| | |
|----------------|--|
| Pre-requisites | EGB323 or ENB221 |
| Equivalent s | ENB322 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit focuses on the fundamental principles of fluid dynamics that are used to explain the mechanisms of biological flows and their interrelationships with physiological processes, in health and in disease/disorder. The properties of biofluids, such as blood and synovial fluid, and techniques to analyse their viscous behaviour are discussed. It introduces the basic concepts and theories of biological fluid dynamics and explains the simple numerical methods in solving the flow of biofluids. This leads to an understanding of how biofluids interact with medical devices and of criteria for the design of devices. This unit is designed to help medical engineers to examine the particular properties of the fluids that might be encountered and to introduce techniques to analyse their behaviour.

EGH435 Modelling and Simulation for Medical Engineers

| | |
|----------------|----------------|
| Pre-requisites | EGH414 |
| Equivalent s | ENB335 |
| Credit Points | 12 |
| Campus | Gardens Point, |

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|----------------|--|
| | EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This advanced unit develops your knowledge and skills in analysing biomechanical components and systems in the course of medical device development. The unit focuses on modelling and simulation techniques using industry standard software. It applies content introduced in EGH418 Biomechanics, builds upon the finite element capabilities introduced in EGH414 Stress Analysis and adds quantitative analysis tools to the medical device design process commenced in EGB319 BioDesign. Traditional analytical and experimental techniques can often not be applied to investigate the mechanics of devices in biological systems. Biomechanical systems exhibit substantial non-linearity due to complex geometries, materials and interactions. Medical engineers are required to use modelling and simulation techniques in the design of biomechanical components and/or systems. This unit introduces the principles of modelling and simulation techniques and their applications in Biomedical Engineering.

EGH438 Biomaterials

| | |
|----------------|--------------------------------------|
| Pre-requisites | EGB314 |
| Equivalent s | ENB338 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |

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

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; and regulatory aspects of biomaterials.

EGH441 Power System Modelling

| | |
|----------------|--|
| Pre-requisites | EGB341 or Admission to (EN50, EN55 or EN60) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

The unit covers the technical aspects related to power system modelling. Electric Energy system consists of various components from generation transmission and distribution. Power system modelling helps to simulate these components

Units

appropriately and plan the system operation for reliable distribution of electricity to the customers. This unit includes discussion about industry practices in load flow, fault calculations, protection and planning.

EGH442 RF Techniques and Applications

| | |
|----------------|--|
| Pre-requisites | EGB342 or ENB342 or ENB346 |
| Equivalent s | ENB440 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit develops skills and knowledge on radio-frequency (RF) devices, components and systems used in wireless communications. The unit focuses on microwave network theory, impedance matching and high-frequency effects for the design of RF circuits and systems, including antennas and antenna arrays. The unit also develops knowledge of antenna measurement procedures, RF system noise figure calculations and measurement, optic fibres and electromagnetic compatibility (EMC). It links to work previously undertaken in EGB241 Electromagnetics and Machines and EGB342 Telecoms and Signal Process .

EGH443 Advanced Telecommunications

| | |
|----------------|---|
| Pre-requisites | (EGB342 or ENB342 or ENB346) or Admission to (EN50, EN55 or EN60) |
|----------------|---|

| | |
|----------------|--|
| Equivalent s | ENB446 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Telecommunication serves as an enabling technology for many industrial applications such as sensor networks, smart grid and remote health services. Relevant concepts include cellular planning, traffic engineering, transmission systems such as cellular networks and optical fibre and error control in communications networks. This unit focuses on various standard and components of advanced communication systems. This unit builds on prior knowledge of telecommunications and signal processing fundamentals.

EGH444 Digital Signals and Image Processing

| | |
|----------------|--|
| Pre-requisites | (EGB342 or ENB342 or ENB346) or Admission to (EN50, EN55 or EN60) |
| Equivalent s | ENB448 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

The unit covers the area of digital signal and image processing with detailed study of Statistics of multiple random variables, detection of signals by feature extraction using Fourier, wavelet, discrete

cosine transform features, Z-Transform and filter design. The unit also covers digital image processing including image representation and acquisition, Image spatial and frequency domain techniques, Image enhancement and filtering.

EGH445 Modern Control

| | |
|----------------|--|
| Pre-requisites | (EGB345 or ENB301 or ENB348) or Admission to (EN50, EN55 or EN60) |
| Equivalent s | ENB458, ENB347 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit develops fundamental concepts and methods used for modelling, analysis and control design of complex engineering systems. The unit introduces a general class of models for complex systems known as state-space. This class of models allows the development of control techniques and designs that shape and modify the behavior of the system. In particular, the classical state and output-feedback regulators, integral action, observer design, and optimal control are studied and used to solve stabilisation problems. The control design problem is discussed in both continuous-time and discrete-time domains, allowing for the study of both ideal and real systems. The implementation of digital controllers is included, building knowledge in the practical application of control designs.

into real systems. Thus, this unit provides a set of modern tools for control design of engineering systems currently used in real-life applications.

EGH446 Autonomous Systems

| | |
|----------------|--|
| Pre-requisites | EGB345 and (EGB340 or EGB349 or CAB301 or CAB302 or EGB320) or Admission to (EN50, EN55 or EN60) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit presents the principles of modern sensors and navigation approaches for autonomous systems moving in a 2 and 3 dimensional world. It introduces the student to the systems common to most autonomous vehicles with focus on those that deal with perception, path planning and navigation. Specific emphasis is placed upon multisensory navigation and its integration with vehicle guidance.

EGH448 Power Electronics

| | |
|----------------|--|
| Pre-requisites | (EGB348 or ENB240) or Admission to (EN50, EN55 or EN60) |
| Equivalent s | ENB455 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Power processing or energy conversion can be considered as one of the major

applications of electronics in industrial applications. A broad understanding of basic industrial electronic circuits and systems will provide the foundation not only to design advanced power processing circuits for complex systems but also to operate and maintain them properly. This background will be beneficial for all electrical engineering disciplines. You will learn the basic characteristics of power semiconductor switches and how to modulate, protect and apply them in DC-DC, AC-DC and DC-AC power converter circuits.

EGH449 Advanced Electronics

| | |
|----------------|--|
| Pre-requisites | ((EGB348 or ENB240) and CAB202) or Admission to (EN50, EN55 or EN60) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This Advanced Electrical Option builds on the electronic and computing building blocks and concepts covered in Electronics (EGB348) and Microprocessors and Digital Systems (CAB202). This unit explores the extension and application of general electronic circuits to specific topic areas where special consideration and approaches are required. These topic areas include precision electronics, low noise electronics, the interface of analogue and digital electronics, digital systems, and Field Programmable Gate

Arrays. The advanced unit EGH448 Power Electronics is complimentary to this unit's content.

EGH450 Advanced Unmanned Aircraft Systems

| | |
|----------------|--|
| Pre-requisites | (EGB243 and EGB346) or Admission to (EN55 or EN60) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit further develops your knowledge, skills and application of aerospace concepts, building on aircraft systems and flight and unmanned aircraft systems. The unit focuses on experimental design, integration and test of an Unmanned Aerial System. You will also gain skills in setting design specifications and carrying out detailed design analysis to design, build and flight test a UAV.

EGH454 Power Systems Management with Renewable & Storage Resources

| | |
|-----------------|---|
| Pre-requisites | EGB341 Or Admission to (EN50 or EN55) |
| Anti-requisites | ENB454 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1 |

The aim of this unit is to develop skills in the operational management of a modern power system incorporating

conventional as well as renewables and storage. This unit will therefore introduce the student to the application of conventional sources as well as renewable and storage resources, their operational benefits and difficulties. There are many operational decisions that need to be made in the context of imperfect information that will affect the overall performance of the network. This unit will provide a degree of structure to the decision processes and introduce tools and techniques used during the process. These tools cover the areas of risk analysis, reliability, economic based panning and power quality extending into the operational areas of utilization of equipment. The outcome is to achieve a balance between capital investment, reliability and the operational aspects of the network.

EGH455 Advanced Systems Design

| | |
|----------------|--|
| Pre-requisites | CAB403 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This advanced unit further develops your investigation, analysis, synthesis and problem solving skills when solving complex engineering tasks. The unit focuses on experimental design using a systems engineering approach to work on an engineering concept, starting from a basic

need and opportunity description. You work in teams to identify customers, formulate a basic business case, establish a basic concept of operations, develop the system requirements, generate concepts, conduct trade studies, determine the most promising design, and pursue a design and testing and verification of the system. The unit replicates industry or government systems engineering practices as closely as possible.

EGH456 Embedded Systems

| | |
|----------------|--|
| Pre-requisites | CAB403 or Admission to (EN50, EN55 or EN60) |
| Equivalent s | ENB350 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This advanced unit gives you practical experience with advanced software development for embedded systems. It leads on from fundamental computer architecture and C programming covered in first and second year units. It covers programming with C and assembly, input/output programming, concurrent software, shared memory, scheduling and real-time aspects. It involves practical laboratory exercises and a group project implementation of a device driver. Embedded systems builds on the knowledge and skill you acquired in systems

programming.

EGH462 Process Control

| | |
|-----------------|---------------------------------|
| Pre-requisites | EGB364 or EGB321 |
| Anti-requisites | EGH421 |
| Equivalent s | ENB461 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Modern plants are composed of numerous processes that have strict performance requirements to consistently meet product quality demands. To meet these demands, engineers need to ensure properly designed process control systems that maintain suitable operation in the presence of changing set points and fluctuations in process conditions. In this advanced level unit, you will learn the concepts and techniques that underpin control systems engineering and are key to modelling, understanding, and designing practical control systems in process engineering.

EGH463 Plant and Process Design

| | |
|----------------|--|
| Pre-requisites | (EGB322 or ENB222) and (EGB323 or ENB221) Or Admission to (EN50 or EN55) |
| Equivalent s | ENB433, EGH360 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

In this unit, you will learn fundamental knowledge of heat

transfer, thermodynamics, fluid dynamics and structural design as these are applied to the design of process plant equipment.

EGH471 Advanced Water Engineering

| | |
|----------------|--|
| Pre-requisites | EGB371 or ENB280 or ENB378 or Admission to (EN55 or EN60) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This advanced unit covers the fundamental topics of Australian hydrology and hydraulics. It builds on previous study in engineering hydraulics in EGH371. This unit introduces the hydrologic cycle and its applications in runoff estimations from small catchments, probability and risk of flooding, selection and estimation of design floods, hydrologic data analysis, flood estimations using the Rational Method and advanced computer modelling of catchments. Ability to accurately assess catchments for their hydrologic and hydraulic characteristics is a fundamental attribute of water engineers and designing and managing urban infrastructure. The unit also introduce design techniques of important infrastructure elements so that students get a good grasp of the design codes and specifications. This unit is one of Civil Engineering's work integrated learning (WIL) units, which includes a professional

learning task designed with the support of industry professionals.

EGH472 Advanced Highway and Pavement Engineering

| | |
|----------------|--|
| Pre-requisites | EGB272 or ENB376 or Admission to (EN55 or EN60) |
| Equivalent s | ENB372 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This is an advanced civil engineering unit that will develop your theoretical knowledge of highway and pavement engineering science and engineering analysis, and design. It will develop applied skills in investigation, analysis, synthesis and problem solving, written and visual literacy for communication and reporting. It stresses both independent and collaborative strategies for managing and completing tasks on time. It contextualises this civil engineering activity across social, economic, and environmental lenses, and emphasises application of standards and codes of practice in the civil engineering discipline. This is an advanced unit and therefore the prior knowledge on Traffic and Transport (EGB272) and on basic geotechnical engineering concepts (EGB373). Capstone projects (EGH400-1 and EGH400-2) in Transport/Pavement engineering require the knowledge of this unit.

EGH473 Advanced Geotechnical Engineering

| | |
|----------------|--|
| Pre-requisites | EGB373 or ENB272 or ENB371 or Admission to EN55 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

The unit covers geotechnical site investigation and the applications of geotechnical engineering which includes the followings: site investigations and in-situ soil tests, slope stability, retaining walls, trenching & cutting, buried structures, deep foundations, and basic concepts of rock engineering and their application to stability of rock slopes. Computer simulation and analysis programs are used where appropriate. It links to the work previously undertaken in Geotechnical Engineering and prepares you for Applications in CE Design & Construction, and the final semester Capstone project. It also exposes you to the areas of future work and study choice (e.g: Study area B options).

EGH475 Advanced Concrete Structures

| | |
|----------------|--|
| Pre-requisites | EGB375 or ENB276 or Admission to EN55 |
| Equivalent s | ENB471 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This is the final design unit of the civil engineering first major and will apply and refine advanced knowledge, concepts, methodologies and systematic thinking to prepare the student for professional practice. It will develop advanced cognitive skills in review, analysis and synthesis in civil infrastructure planning and design contexts, including critical, creative and innovative solutions to complex problems. It stresses the ability to communicate advanced knowledge and concepts in written, modelled and graphical forms to civil engineering professional audiences. It also stresses both independent and collaborative strategies in team working contexts, including reflective practice, to manage a civil infrastructure planning and design project in a timely manner with a focus on delivering outcomes. Emphasis is placed on awareness and understanding of social and economic factors in civil engineering practice, and on ethical practice.

EGH479 Advances in Civil Engineering Practice

| | |
|----------------|---|
| Pre-requisites | (EGB375 or ENB276) and (EGH472 or ENB372) or admission to EN55 |
| Equivalent s | ENB476 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This is the final design unit of the civil engineering first major

and will apply and refine advanced knowledge, concepts, methodologies and systematic thinking to prepare the student for professional practice. It will develop advanced cognitive skills in review, analysis and synthesis in civil infrastructure planning and design contexts, including critical, creative and innovative solutions to complex problems. It stresses the ability to communicate advanced knowledge and concepts in written, modelled and graphical forms to civil engineering professional audiences. It also stresses both independent and collaborative strategies in team working contexts, including reflective practice, to manage a civil infrastructure planning and design project in a timely manner with a focus on delivering outcomes. Emphasis is placed on awareness and understanding of social and economic factors in civil engineering practice, and on ethical practice.

ENN510 Engineering Knowledge Management

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

Knowledge management is an innovative process that needs to be closely aligned to organisation goals. The development of knowledge management systems requires a sound understanding of the related issues such as knowledge identification, knowledge development, knowledge preservation,

knowledge representation and knowledge distribution. All engineering managers must have the fundamental skills and knowledge to understand, design and develop and manage knowledge management systems in an organisation. This unit provides the basic knowledge and skills to understand the complex issues of knowledge management that are essential to the career advancement of engineering managers.

ENN515 Total Quality Management

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

Quality Management has evolved beyond its roots in statistics and the quality control functions. Today, many consider Total Quality Management (TQM) to be a framework for "excellent" management. The dominant themes of TQM are: a data-based approach to problem solving: a strong emphasis on organizational and behavioral considerations: a customer-oriented market- sensitive approach to designing and delivering both products and services: and finally, a desire for continual improvement. TQM practice is a pathway to the achievement of world class competitiveness.

ENN516 Design of Machine Elements

| | |
|---------------|---------------|
| Credit Points | 12 |
| Campus | Gardens Point |



Units

| | |
|----------------|---------------------------------|
| Availabilities | Gardens Point - SEM-1 |
|----------------|---------------------------------|

In this unit you will learn the fundamental theories of mechanical design analysis, and will apply this in the design and analysis of a variety of machine elements. Methodical design process is emphasized, as is the application of relevant design standards, and advanced solid modelling software packages. A key focus of the unit is in the repeated application of design concepts to real machine components that the students interact with each week, to make the cohort comfortable with both mechanical systems as a whole, and the determination, estimation, or selection of open ended quantities within the design process.

ENN523 Advanced Network Engineering

| | |
|-----------------|---------------------------------|
| Anti-requisites | INB352, INN352 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Computer networks have become an integrated part of the fundamental infrastructure in modern industries and societies. Building new networks or upgrading existing networks requires a deep understanding of the concepts and principles of network engineering. Building on previously acquired knowledge and techniques of computer networks, this advanced level unit further introduces students to systems approach, service

oriented network planning, performance evaluation, traffic engineering and other advanced topics. Then, it exposes students to the theory and practice of the analysis and planning of local and wide area networks through assembling various network technologies in a cohesive fashion with emphases on the connectivity, scalability, reliability, security, QoS and recent developments of computer networks.

ENN524 Mobile Network Engineering

| | |
|-----------------|--|
| Anti-requisites | INN353 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Wireless communications, mobile networks and navigation have been widely deployed and integrated into various mobile platforms for value-added services. This unit highlights the recent advances in wireless local area and wide area networks, vehicular networks and Internet of Things with focus on selected standards and network protocols. The unit also provides an overview for satellite navigation systems, wireless positioning technologies and location-based services.

ENN530 Asset and Facility Management

| | |
|---------------|----|
| Credit Points | 12 |
|---------------|----|

| | |
|----------------|---------------------------------|
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Professionals are often involved in the management of infrastructure including transportation, water, energy, buildings and telecommunications. In today's business environment, the efficient maintenance and management of these assets and associated risks is critical. The professionals need to know how to manage the whole of life cycle of assets; organise maintenance based on condition and reliability assessments; and create as well as implement effective asset management and maintenance plans so as to meet the business objectives of the organisation.

ENN531 Advanced Materials and Engineering Applications

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

Design, material selection and processing play a vital role in developing products and structures. This unit is designed to introduce the recent development of advanced materials and their potential applications. The advances in characterization and simulation techniques will be also covered. The unit teaches the inter-relationships between the microstructure, properties and processing so that the fundamental principle of structure-property relationship and materials

selection can be understood. The unit also provides students an opportunity to apply the knowledge to analyse a typical material problem through project work and use of state-of-the-art material selection software.

ENN541 Research Methods for Engineers

| | |
|-----------------|--|
| Anti-requisites | IFN600, INN700, INN701 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

Problem identification, research design and planning, literature search and communications through reports and presentations are essential attributes of engineers in all the disciplines. Practice based research methods applied to solve discipline specific real world problems are skills in demand from professional engineers in contemporary work places. It is also equally important to communicate methods and solutions clearly and effectively in writing and verbally.

ENN543 Data Analytics and Optimisation

| | |
|----------------|---------------------------------|
| Equivalent s | ENN542 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

There is a growing need for engineers to understand underlying patterns and characteristics of vast amount of data collected from various

sources by performing advanced data analytics and optimisation to transform data into understandable and actionable information for the purpose of making decisions. This unit develops your knowledge to improve the economy and efficiency of systems, processes, and enterprises through data analytics and optimisation. The unit focuses on application of statistical, and optimisation methods to solve complex problems involving large data sets from multiple sources.

ENN544 Sustainable Practice in Engineering

| | |
|----------------|---------------------------------|
| Equivalent s | |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Sustainable development has become a global agenda that impacts on our work and everyday life. Sustainability principles and practices are rapidly becoming embedded in all phases of engineering projects from planning, design, construction and maintenance of buildings and infrastructure, through to mining and manufacturing, energy and water utilities. Engineers need to ensure that their decision making is guided by the fundamental principles of sustainable development. The unit will introduce you to principles, challenges and skills for dealing with a diversity of trans-disciplinary issues in engineering sustainable development. By introducing

critical sustainability theory and challenging best practices, this unit will prepare you for the impending changes that are necessary in all built environment and engineering disciplines.

ENN545 Design and Practice

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

Detailed design and realisation of typical electronic subsystems is used in all areas of electrical and electronic systems engineering. In this unit you will learn systematic approaches to electrical design and apply these in the design, analysis and evaluation of electrical and electronic devices. Documentation is an important part of the design process and engineering work. In this unit, you will extend your professional skills to justify your design methodologies and choices, write a detailed technical report and present your design in a range of professional formats to a variety of audiences.

ENN553 Energy Optimised Buildings and Communities

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

In this unit you will explore the fundamental concepts of energy use in buildings, examining building services such as ventilation, heating and cooling, lighting, water,

transportation, and energy supply / control systems. You will develop skills in understanding the role of climate in building performance, and apply processes to determine energy service needs of domestic, industrial and commercial buildings and energy efficient and low carbon options for providing these services in both new and existing buildings. You will also learn tools and techniques for the evaluation, measurement, operation and optimisation of the subsystems, the building as an integrated system, and collections of buildings that form precincts and communities.

ENN570 Enterprise Resource Planning

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

Enterprise Systems are now essential infrastructure to both large as well as to small-to-medium (SME) organisations, as they realise the necessity of a single central database instead of a large number of separate databases. By integrating core business processes in one single application, Enterprise Resource Planning (ERP) helps companies maximize the efficiency of business processes across the entire organization including increases in on-time delivery, productivity, forecasting demand and production capacity. This unit aims to

provide the fundamental understanding of various Enterprise Systems, functions and modules and how they can be integrated in a business context. The students will be trained to develop a real life ERP system based on actual data from industry. This unit will also aim to help students to refine their communication and group work skills, and assist in the development of research-based skills. This is a core unit for Master of Engineering Management.

ENN590 Project 1

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

This is the first semester of a two-semester project unit ENN590, in Master of Engineering program EN50. It provides experience in solving advanced engineering problems and the opportunity to apply the knowledge gained throughout the EN50 course. Engineering concepts, technical approaches and tools can be used to solve problems that confront engineers. However, the engineering approach needs identifying and justifying before it can be continued to be implemented (in ENN590-2). The ability to frame a technical approach to an engineering problem is essential to professional practice. From a learning perspective, one of the most effective ways of achieving this is to investigate an authentic engineering problem that is

relevant to your profession.

ENN590 Project 2

| | |
|----------------|--|
| Pre-requisites | ENN590-1 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This forms the second semester of the Master of Engineering capstone project. Engineering approaches and tools can be used to solve problems that confront engineers. The techniques and tools were identified and the project framed in semester 2 and they are applied in this unit. The ability to frame a technical approach to an engineering problem is essential to engineering practice. From a learning perspective, one of the most effective ways of achieving this is to investigate an authentic engineering problem that is relevant to your profession.

ENN591 Project 2

| | |
|----------------|--|
| Pre-requisites | ENN591-1 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This forms the second semester of the Engineering Management capstone project. Management approaches and tools can be used to solve problems that confront engineers. The tools were identified and the project framed in semester 2 and they are applied in this unit. The ability to frame a management

approach to an engineering problem is essential to professional practice. From a learning perspective, one of the most effective ways of achieving this is to investigate an authentic engineering problem that is relevant to your profession.

ENN591 Project 1

| | |
|----------------|---|
| Pre-requisites | ENN541. May be enrolled in the same teaching period as ENN591-1 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This is the first semester of a two-semester project unit. It provides experience in solving advanced engineering management problems and the opportunity to apply the knowledge gained throughout the BN87 course. Management approaches and tools can be used to solve problems that confront engineers. However, the management approach needs identifying and justifying before it can be implemented (in ENN591-2). The ability to frame a management approach to an engineering problem is essential to professional practice. From a learning perspective, one of the most effective ways of achieving this is to investigate an authentic engineering problem that is relevant to your profession.

ENN592 Project 2

| | |
|----------------|---------------|
| Pre-requisites | ENN592-1 |
| Credit Points | 12 |
| Campus | Gardens Point |

| | |
|----------------|---------------------------------|
| Availabilities | Gardens Point - SEM-2 |
|----------------|---------------------------------|

This forms the second semester of the Master of professional Engineering capstone project. Engineering approaches and tools can be used to solve problems that confront engineers. The techniques and tools were identified and the project framed in semester 2 and they are applied in this unit. The ability to frame a technical approach to an engineering problem is essential to professional practice. From a learning perspective, one of the most effective ways of achieving this is to investigate an authentic engineering problem that is relevant to your profession.

ENN592 Project 1

| | |
|----------------|---|
| Pre-requisites | Enrolment in EN55MJR-ELECTRI or EN55MJR-MECHENG or EN55MJRCIVILEN or ENGGMJR-CIVICON and ENN541. Enrolment in ENN541 in the same teaching period as ENN592-1 is allowed |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This is the first semester of a two-semester project unit ENN592, in Master of Engineering program EN555. It provides experience in solving advanced engineering problems and the opportunity to apply the knowledge gained throughout the EN55 course. Engineering concepts, technical approaches and tools can be used to solve problems

that confront engineers. However, the engineering approach needs identifying and justifying before it can continued be implemented (in ENN592-2). The ability to frame a technical approach to an engineering problem is essential to professional practice. From a learning perspective, one of the most effective ways of achieving this is to investigate an authentic engineering problem that is relevant to your profession.

ENN593 Project 2

| | |
|----------------|---------------------------------|
| Pre-requisites | ENN593-1 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This two-semester capstone project unit provides skills and experience in solving advanced engineering management problems and the opportunity to apply the knowledge gained throughout EN55 course. Through this project work, you will gain experience in project identification, research planning, communications and problem solving. The unit also gives you the opportunity to demonstrate that you have completed the required work placement for accreditation with Engineers Australia.

ENN593 Project 1

| | |
|----------------|---|
| Pre-requisites | Enrolment in EN55MJR-ELECMAN or EN55MJR-MECHMAN or EN55MJR-CIVIMAN and ENN541. Enrolment in ENN541 in the same teaching period as ENN593-1 is allowed |
| Credit | 12 |

Units

| | |
|----------------|--|
| Points | |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This two-semester capstone project unit provides skills and experience in solving advanced engineering management problems and the opportunity to apply the knowledge gained throughout EN55 course. Through this project work, you will gain experience in problem identification, research planning, communications and problem solving.

ERB101 Earth Systems

| | |
|----------------|--|
| Equivalent s | NQB201 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Earth Science impacts every aspect of modern life. The concepts of Earth Science are fundamental not only to the field of Geology, but also to Environmental Science, natural resource management, civil engineering and society at large. Earth Systems introduces Earth Science, including earth materials, geologic history, geological and physical geography process at the Earth's surface, and the complex interplay between the lithosphere and landscapes. Additionally, the unit provides readily accessible examples of the use of scientific reasoning for understanding complex natural systems. Hence, Earth Systems is a foundation unit for

further studies in Geology and Environmental Science, but more importantly, serves as a broad introduction to the very world we live on, and to the ways of science in general. Such a background is highly desirable for any informed citizenry for understanding complex issues of resource, environment, and societal development.

ERB102 Evolving Earth

| | |
|----------------|--|
| Equivalent s | NQB202 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

In ERB102 Evolving Earth you will focus on key events in the history of our planet – the formation of our planet, the concept of geologic time, the origin of the oceans and atmosphere and the evolution of life. You will learn about the connections between the evolution of life and geological processes and events, to appreciate the complexity of life that exists on Earth today. This provides a fundamental introduction to evolution and geological time, building on the knowledge and skills developed through Semester 1, Imagine Science, and prepares you for more in depth exploration of Earth system connectivity, natural hazards, environmental management and climate change.

ERB201 Destructive Earth: Natural Hazards

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

In ERB201 Destructive Earth, we will focus on the Science of Natural Hazards. By understanding the conditions and processes that lead to, and cause, severity of natural processes such as earthquakes, tsunamis, volcanic eruptions, landslides, cyclones, tornadoes, storms/blizzards, floods, bushfire, and asteroid impacts, you will be better informed as to why there are natural hazards and disasters, and how to prepare and mitigate for future events that will have a range of social, economic and political impacts. We will build on the knowledge and skills developed in Year 1 to provide you with a global perspective of how we, as a society, will continually be confronted by natural hazards.

ERB202 Marine Geoscience

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

Oceans make up 70% of the Earth's surface, yet less than 5% of them have been explored. There is therefore still much to learn about the marine environment, marine resources and management. This unit will develop a detailed

understanding of oceanography, carbonate geology and reef structures, marine biota and interpretation of depositional processes and products in the shallow through to the deep marine environment.

ERB203 Sedimentary Geology and Stratigraphy

| | |
|-----------------|--|
| Pre-requisites | ERB101 and ERB102 and ERB202 |
| Anti-requisites | NQB413 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit provides you with an introduction to sedimentology and stratigraphy, incorporating sediments and sedimentary rocks and how they relate to depositional environments. The unit focuses on the link between features preserved in sedimentary rocks and what those features tell us about how the rock was emplaced, the environment it was emplaced into and the subsequent burial history of the rocks. Sedimentology and stratigraphy is a fundamental part of the education of any earth scientist, and especially of those who wish to be involved in fossil fuel (i.e., coal, petroleum and gas) exploration, water resource management, and environmental geology, such as geosequestration of carbon dioxide, landscape remediation and soil science, investigation of extreme events (e.g.,

landslides, tsunami and storm surge) and climate change.

ERB204 Deforming Earth: Fundamentals of Structural Geology

| | |
|----------------|--|
| Pre-requisites | ERB101 and (SEB113 or MXB105 or MZB125) |
| Equivalent s | NQB412 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit develops the knowledge and skills required to recognise, classify, describe, record, and interpret deformation structures in rocks, from the scale of millimetres to kilometres. Rock deformation driven by plate tectonics is a fundamental process that shapes the lithosphere of our planet and the complex 3D spatial distribution of rocks within it. It is integral to the study of the solid Earth and touches almost all geological disciplines.

ERB205 Earth Materials

| | |
|----------------|---------------------------------|
| Equivalent s | NQB311 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Earth Materials comprises the study of minerals and rocks which form the solid Earth. The study of Earth Materials is essential for understanding the structure and composition of the earth and the detailed processes of the rock cycle.

Earth Materials forms the basis for petrology (the study of the genesis of rocks) and geochemistry.

ERB206 Petrology

| | |
|----------------|--|
| Pre-requisites | ERB205 |
| Equivalent s | NQB411 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Petrology is the study of Igneous and metamorphic rocks. These rock types compose the bulk of the Earth. Understanding what these rocks are and how they form is an essential part of the study of geoscience and is fundamental to a wide range of higher level units. This unit focuses on the description, classification and origins of igneous and metamorphic rocks.

ERB301 Chemical Earth

| | |
|----------------|--|
| Pre-requisites | ERB101 and ERB102 |
| Equivalent s | NQB615 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Earth Science examines the interaction of physical, biological and chemical processes in the fractionation and differentiation of the Earth. Geochemistry is therefore an essential component of

understanding the origin of the Earth, its evolution through time and the functioning of systems that are active today. This unit aims to apply and develop your theoretical knowledge and practical skills, to use and apply a wide range of environmental and geochemical tools available to the modern scientist to address a variety of environmental and geological problems.

ERB302 Applied Geophysics

| | |
|----------------|--|
| Pre-requisites | ERB204 and (SEB113 or MXB105 or MAB101 or MAB141 or MAB105) |
| Equivalent s | NQB513 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Applied geophysics provides geoscientists with the tools to investigate the generally inaccessible subsurface. These tools enable us to detect temporal and spatial changes in the physical properties of Earth. Knowledge of material properties such as density, electrical resistivity, magnetisation, elasticity and natural radioactivity is essential for the exploration of minerals, hydrocarbons and groundwater. Beyond exploration geophysical methods are used in disciplines as diverse as plate tectonics, environmental geology, engineering geology, and seismic hazard assessment.

ERB303 Energy Resources and Basin Analysis

| | |
|----------------|---------------------------------|
| Pre-requisites | ERB203 and ERB302 |
| Equivalent s | NQB612 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

The vast majority of the world's energy is derived from fossil fuels. Advanced concepts of stratigraphy and basin analysis are fundamental for exploration, evaluation, exploitation and conservation of oil, gas, coal and water in sedimentary rocks. Knowledge of subsurface geologic methods using core, well and geophysical data is essential for anyone wishing to enter the petroleum, coal or strata-bound minerals industry. This unit will cover advanced basin analysis concepts and combine project based learning and practical exercises to provide insight into the exploration of petroleum and other natural resources.

ERB304 Dynamic Earth: Plate Tectonics

| | |
|----------------|---------------------------------|
| Pre-requisites | ERB203, ERB204 and ERB302 |
| Equivalent s | NQB613 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

How we think about Earth processes and evolution has been revolutionised by the recognition that rigid lithospheric plates forming the outer layer of the Earth move relative to one another and

interact at their boundaries. This notion is a cornerstone of the unifying theory of Plate Tectonics. In this unit, you will be introduced to the fundamental physics of the Earth and how it relates to the driving forces of Plate Tectonics. You will become familiar with the igneous, metamorphic and sedimentary responses associated with specific tectonic environments, and how they have evolved through Earth's evolution. This is a synthesis course integrating all knowledge that you have gained from your Earth Science Major units.

ERB305 Geological Field Methods

| | |
|----------------|--|
| Pre-requisites | (ERB203 or NQB413) and (ERB204 or NQB412) and (ERB206 or NQB411) |
| Equivalent s | NQB502 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Field experience is an essential part of the professional training of geologists, environmental scientists and natural resource specialists in general. The theory and practice of methods to map, measure and interpret important geological features and characteristics are essential to the study of geology. Methods of mapping, orientation and interpretation are necessary skills for resource assessment, geo-exploration and environmental impact assessment. This unit

assumes knowledge of geological principles and methods, namely structural geology and lithology (sedimentary, igneous and metamorphic rocks). It provides professional experiences that is essential for the employability for geology graduates.

ERB306 Earth's Mineral Resources

| | |
|-----------------|--|
| Pre-requisites | ERB204 and ERB206 and ERB301 |
| Equivalent s | NQB512 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

A mineral resource represents an enrichment of an element or mineral that can be mined for a profit, and Australia's wealth and future economic growth depend largely on these resources. Develop a theoretical background and understanding of the major aspects of mineral resource formation; develop the practical skills to describe and interpret mineralised rocks and their host sequences; and plan and execute an exploration program. Teaching and learning approaches include, lectures (including guest industry lectures) and practical sessions using samples from famous ore bodies across the globe (hand samples and thin sections for microscopic study). Students are assessed based on a group project and theoretical and practical

exams. Many students find the semester-long mineral exploration group project a highlight, as students get an opportunity to use a variety of real datasets to 'explore' for mineral prospects. The JK Education Endowment Award is given to the group with the top mark.

ERB310 Groundwater Systems

| | |
|-----------------|--|
| Pre-requisites | ERB101 or EVB312 |
| Equivalent s | NQB614 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit focuses on the origin, occurrence and movement of groundwater; aquifer properties; chemistry and quality of groundwater; exploration methods for groundwater; drilling methods and well testing equipment; assessment of groundwater problems, both supply and quality; and introduction to modelling of groundwater systems. Groundwater resources of Australia and current issues associated with these resources are covered. This unit builds on knowledge of soil and water chemistry from "Soils" and "Environmental pollution". Through working on real world assessment tasks, you will learn how to collect, analyse and interpret groundwater data. These skills will prepare you for any role where groundwater may be encountered (including

government, industry and consulting roles).

EUB001 Grammar in the Classroom: Theories and Pedagogies

| | |
|-----------------|-------------------------------------|
| Equivalent s | CRB443 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - 6TP2, 6TP5 |

This unit provides an organised, contextualised introduction to professional, academic and school-based reading through workshop sessions involving the reading and writing of a range of school-based print and multimodal texts. You will learn to critically evaluate texts, their purposes and the language resources employed by writers and text designers. This is important as all teachers need to know how to read for professional development and teach students to read/view and write/design texts. Grammar is fundamental to this. All teachers benefit from knowledge about grammar and skills in how to teach it in the discipline/teaching areas. This unit will deepen your knowledge of grammar as a system, and expand your skills in how to teach grammar within a range of discipline areas.

EUB002 Numeracy: Examining Barriers for Learners

| | |
|-----------------|-------------------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - 6TP5 |

Numeracy is a crucial
**a university for
the real world**



component of education; however, many learners continue to cite concerns over their numeracy skills well into adulthood. Educators across disciplines and areas are needed in this area who have understandings, skills and expertise around potential barriers and equity issues in numeracy education. This unit will provide you with opportunities to explore several potential issues in numeracy education, and may include psychological, socioeconomic, cultural and/or biological factors. This unit will build on knowledge and expertise gained from core units of mathematics already studied as well as numeracy concepts explored within other curriculum subjects. This unit is critical to position you as a responsive, inclusive and resilient numeracy educator in your setting.

EUB003 Managing Challenging Student Behaviours Related to Complex Trauma

| | |
|----------------|-------------------------------------|
| Equivalent s | LCB343 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 6TP2, 6TP5 |

This unit is designed to develop your understanding and skill in neuroscience-informed support and education of students who are living with the outcomes of complex childhood trauma (abuse, neglect, family violence, etc). New teachers often deem student behaviour to be one of the most

confronting aspects of their new careers. The behavioural concerns presented by students who are living with the outcomes of complex trauma can be significant, persistent and unresponsive to more traditional approaches to behaviour management. By examining the impact of complex trauma on the developing brain and nervous system, you'll develop your understanding of why and how these behaviours occur and explore approaches and strategies recommended to address short and longer-term concerns for students. You'll be informed and prepared for the times you are responsible for the learning and well-being of these students whilst minimising any negative impact on your own well-being or teaching practice.

EUB004 Including Students with Learning Difficulties

| | |
|----------------|--|
| Equivalent s | LCB330 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - 6TP2, 6TP5 External - 6TP2, 6TP5 |

The aim of this unit is to provide you with knowledge of the learning strengths and challenges of students with learning difficulties in inclusive educational settings and to provide you with skills and strategies to improve learning outcomes with these students. These learning differences can cause difficulties in reading, writing, spelling, and maths.

This option unit provides you, as a pre-service teacher, with an understanding of concepts of difference in learning and practical implications for teaching. This unit will focus on pedagogical frameworks and continuums of support to ensure quality instruction, underpinned by informed evidence that identifies each child's needs and supports performance in an inclusive environment. You will develop skills to disseminate your knowledge to the wider community, including your peers and future teaching colleagues.

EUB005 The Global Teacher, Learner and Citizen

| | |
|----------------|--|
| Equivalent s | LCB327 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - 6TP2, 6TP5 External - 6TP2, 6TP5 |

Emerging environmental, demographic, economic, cultural and digital forces are shaping young peoples' lives around the globe and increasing their intercultural encounters. This unit will provide you with opportunities to develop your capacity to teach in an interconnected, diverse and rapidly changing world. Building on your knowledge and expertise gained from your core units, the unit considers how learners can critically examine global developments that are significant to both the world at large and their own lives. A

variety of subject matter drawn from frameworks for global education including; global competence, intercultural education, global citizenship education, values education and education for sustainable development, will be considered through which key principles and practices of contemporary pedagogy will be explored. You will apply your understanding of a global and intercultural outlook to your education setting.

EUB006 Differentiation and Gifted Children

| | |
|----------------|--|
| Equivalent s | LCB344 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2 |

The aim of this unit is develop your professional knowledge of the philosophy, policies, pedagogical requirements and practical issues in differentiation, and in teaching and supporting gifted children in inclusive environments. The learning in this unit will develop your understanding and skills of designing differentiation to cater for diverse learners by adjusting the content, processes of learning, products of learning, and the learning environment. It will also develop your understandings about the characteristics, abilities and needs of gifted students, how to identify them, and how to plan a challenging and inclusive curriculum and learning environment for them.

This unit is in the developmental stage of the course, and will link to other learning on child development, pedagogical approaches and inclusive education.

EUB007 Understanding Reading Difficulties

| | |
|----------------|-------------------------------------|
| Equivalent s | LCB338 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 6TP2, 6TP5 |

The unit offers opportunities to develop and master your knowledge and pedagogical skills related to teaching students who experience difficulty learning to read. You will learn strategies for planning, teaching and assessing, and strategies for engaging parents/carers. The context for learning will be framed by the Australian Curriculum: English and current research, relevant literacies theories, and empirical research. You will be encouraged to explore the concepts presented via collaborative learning experiences including case studies, problem solving tasks, small group work, and discussion. The unit enables you to build informed professional practices for teaching students with reading difficulties. The unit includes weekly study activities to support the content delivered within workshops.

EUB008 Engaging with New and Emerging Technologies

| | |
|----------------|-------------------------------------|
| Equivalent s | CRB038, CRB039 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 6TP2, 6TP5 |

This unit develops the theoretical and practical approaches to using new and emerging digital technologies across the curriculum to connect and engage with students. Working both individually and collaboratively, you will participate in activities that require you to explore these technologies and apply them across all learning areas. The aims of this unit are to enable you to acquire skills and knowledge related to (i) introducing and using new and emerging technologies across a range of learning areas, and (ii) theoretical and practical perspectives associated with using these technologies in your future classroom.

EUB009 Teachers as Leaders and Entrepreneurial Thinkers

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|----------------|-------------------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 6TP5 |

As a teacher you are a leader, regardless of your organisational position. Leadership and entrepreneurial thinking involve enacted practices that shape who you are as a teacher. This unit aims to develop your practical leadership and entrepreneurial thinking skills to enable you to become confident in self-

negotiated action, and influence your future working environment in a positive way. Understanding leadership and entrepreneurial thinking enables people who work in educational contexts to be well positioned in engaging with change, enabling organisational growth, and advocating for effective forms of professional practice. This unit enables you to engage with leadership and entrepreneurial thinking in your role in the teaching profession. It links to your previous study of learners and educational contexts to provide an important foundation for your professional identity and your future career as a teacher with leadership and entrepreneurial skills.

EUB010 Real World Integrated STEM Education

| | |
|----------------|--|
| Equivalent s | CRB042 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - 6TP2, 6TP5 External - 6TP2, 6TP5 |

This unit equips you to understand how Integrated STEM contributes to the investigation and solution of real-world problems, where this field aligns with the Early Years Learning Framework and the Australian Curriculum, and how learners learn through contextualised Integrated STEM projects. The unit adopts authentic approaches to teaching knowledge and skills that are relevant for problem

identification, definition, inquiry, the trialling of possible solutions and the construction of solutions, simulating transdisciplinary contexts in which science, technology, engineering and mathematics are practiced. The curriculum and pedagogical approaches embedded in this unit address professional standards to support the professional registration of teachers. The unit enables you to build on teaching areas related to science, technology, engineering and/or mathematics, appropriate to the context in which you will teach. The Integrated STEM approach enables prior discipline, curriculum and pedagogical knowledge to be framed in authentic learning contexts that simulate real-world practice.

EUB011 Community Engagement in International, Rural and Remote

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|-----------------|--|
| Anti-requisites | EDB440 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | External - 13TP3, 5TP5, 6TP3 |

The unit encompasses your international, rural or remote education experience that has been organised through QUT. The learning in this unit will develop your knowledge, skills and application for working. As part of this unit you will engage professionally with diverse linguistic, cultural, religious and socio-economic networks and communities. This unit builds on what you have learnt in the

areas of engaging with an international, rural or remote experience, allowing you to investigate and consider diversity and professional practice and engagement.

EUB012 Learning STEM Through Teaching

| | |
|----------------|--------------------------------|
| Equivalent s | CRB040 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit provides you with an opportunity to explore your potential as a STEM educator and communicator, while gaining a better understanding of the enablers and barriers to your own learning processes. It introduces you to the essentials of teaching and learning, combining theoretical elements such as educational design and learning theories with practical, real world skills in observing, planning, presenting and communicating effectively. Such skills and knowledge are necessary in a wide range of STEM professions and will help you build confidence and expertise in presenting to groups. This introductory unit is interactive and collaborative, rewarding your engagement in a variety of group and individual activities. It can be taken as a single option or as the initial unit in the Science and Mathematics Education minor, which builds upon and contextualises the foundational skills developed in EUB012.

EUB101 Supporting Innovative Pedagogy with Digital Technologies

| | |
|----------------|--|
| Equivalent s | EDB112, CRB013 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2 |

This unit introduces key concepts and skills for the application of digital technologies in curriculum and pedagogy. It focuses on using digital technologies as a general capability across early childhood, primary and secondary education contexts, while emphasising the importance of ethical use of digital technologies in new and innovative approaches to teaching and learning. This unit will develop your knowledge of relevant curriculum documents (such as the Australian Curriculum (F-6), and the Early Years Learning Framework) and prepare you with the pedagogies to teach effectively across the curriculum using digital technologies. This unit is undertaken in the first year of your course.

EUB102 Teaching in New and Emerging Educational Contexts

| | |
|----------------|---|
| Equivalent s | EAB511, LCB003 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1, XCH-1 |

This unit introduces you to the complex relationship between

our education system and the social and cultural contexts from which it emerges. You will use socio-cultural and sociological theory to better understand those you will come to teach, as well as how learners' diverse backgrounds, including Aboriginal and Torres Strait Islander students, shape their experiences with the modern school/site, often in very different ways. In this unit, you will develop reflective and critical understandings of the socially, culturally and historically constructed nature of education and care, and be able to identify the social identities and structures influencing contemporary early childhood, primary, middle and senior school contexts.

EUB103 Culture Studies: Indigenous Education

| | |
|-----------------|---|
| Anti-requisites | EDB171 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - SEM-1 |

This unit provides you with foundation skills and knowledge about teaching Aboriginal and Torres Strait Islander students and embedding Aboriginal and Torres Strait Islander peoples' knowledge as required by the Australian Curriculum, Early Years Learning Framework and the Queensland Kindergarten Learning Guideline. It is about understanding Aboriginal and Torres Strait Islander peoples'

perspectives on history and contemporary issues, and why Aboriginal and Torres Strait Islander students continue to be disadvantaged by education systems. You'll develop theoretical, personal and professional knowledge around Indigenous perspectives enabling you to think more deeply about your role as a teacher in diverse educational contexts. It will cover a relevant concepts and issues in the area of Indigenous education, establishing a critical foundation for your teaching practice capacity to meet the educational needs of Indigenous students, their families and communities in practical ways.

EUB104 Stepping In

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

Stepping In introduces key concepts and skills required when working in education. The unit cultivates an awareness of diverse educational contexts and understandings of teachers' work across early childhood, primary and secondary. The unit provides explicit academic preparation underpinned by the Australian Professional Standards designed to support you through your degree and transition to the profession. There is an opportunity to demonstrate effective communication techniques and engage with academics, peers

and education professionals. You will be introduced to contemporary policies and curriculum documents including the Australian Curriculum, and Early Years Learning Framework for early childhood education. The concept of teacher resilience will be introduced, providing the opportunity to engage with resources for building teacher resilience that will be developed throughout your degree. This unit presents an introduction to requirements including the Teaching Performance Assessment that you will develop further throughout your degree.

EUB105 Introduction to Curriculum, Pedagogy and Assessment (Primary)

| | |
|-----------------|--|
| Anti-requisites | EDB140 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

This unit introduces the theory and practice of teaching and learning cycles that integrate curriculum, pedagogy and assessment to design lesson plans for primary students. You will learn how to plan a lesson using knowledge of student learning, curriculum sources, and responsive formative assessment. You will have opportunities to conduct classroom observations of students and teachers engaged in learning (via visiting or virtually engaging with schools). You will be

introduced to national and state curricular documents, pedagogic frameworks and assessment for learning theories that inform contemporary teacher practice. This introductory unit provides a context for applying the theoretical knowledge of teaching and learning cycles. The unit also provides a foundation to be developed further in professional experience in EUB242 Professional Experience: Introduction to Professional Practice. The unit complements EUB112 Child and Adolescent Learning and Development.

EUB106 Introduction to Curriculum, Pedagogy and Assessment (Early Childhood)

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

This unit introduces key concepts about effective curriculum, pedagogy and assessment in early childhood education settings. You will identify, consider and evaluate early childhood philosophies, theories and approaches that influence and inform curriculum, pedagogy and assessment in the early years. You will learn how to plan learning experiences based on understandings of learners, curriculum sources, teaching strategies and responsive formative assessment. You will have opportunities to conduct observations of children and

teachers engaged in learning (either in person or online). You will be introduced to national and state curricular documents, including the Early Years Learning Framework and Queensland Kindergarten Learning Guideline, pedagogic principles and practices, and assessment for learning theories and strategies. The content in this unit will be further developed through professional experiences and child development units.

EUB107 Introduction to Curriculum, Pedagogy and Assessment (Secondary)

| | |
|-----------------|---|
| Anti-requisites | EUB129 - Introduction to Curriculum, Pedagogy and Assessment: Double Degree |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

This unit introduces the theory and practice of teaching and learning cycles that integrate curriculum, pedagogy and assessment to design lesson plans for secondary students. You will learn how to plan a lesson in your first teaching area using knowledge of student learning, curriculum sources, teaching strategies, and responsive formative assessment. You will have opportunities to conduct classroom observations of students and teachers engaged in learning (via visiting or virtually engaging with schools). This introductory unit provides context for applying the theoretical knowledge of teaching and

learning cycles. You will be introduced to national and state curricular documents, pedagogic frameworks and assessment for learning theories that inform contemporary teacher practice. The unit provides a foundation further developed through professional experiences and child and adolescent learning units.

EUB108 Early Childhood Development and Learning (Birth-8 Years)

| | |
|-----------------|--|
| Anti-requisites | EDB120 and EDB121 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

This unit introduces theories, features and processes of early childhood development and learning, from birth to 8 years. Child development and learning are shaped by both biological predispositions, and the interactions and experiences afforded to children in family and social contexts. Content in this unit is focused on children's physical, social and emotional development, along with speech, language and cognition. Aboriginal and Torres Strait Islander knowledges and perspectives on child development are embedded in this unit. Knowledge about the interrelatedness of each area of child development, including influences on how children develop and learn, is

fundamental to early childhood education practice. Early childhood teachers apply child development knowledge to plan and facilitate appropriate learning experiences. Your learning in this unit contributes to knowledge and skills further developed in the professional experience units EUB140 and EUB241.

EUB109 English, Literacies and Language 1

| | |
|----------------|--|
| Equivalent s | EAB510 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

This unit develops your knowledge, skills and application of teaching English curriculum, language and literacy to young children, from birth to year 6. This unit focuses on the theories of teaching English, literacy and language acquisition, and develops understandings about effective use of children's literature in literacy teaching in prior-to-school and primary school settings. You will explore early years literacy teaching and learning, including play based pedagogies with particular focus on birth to Year 3. You will engage with the Early Years Learning Framework, Queensland Kindergarten Guideline and The Australian Curriculum, to understand the ways children and teachers build knowledge and skills with language and literacy as they

transition from prior-to-school to formal school contexts. The unit also prepares you in learning how to annotate evidence of practice, which will be needed for the Quality Teaching Performance Assessment in your final semester.

EUB110 Primary English Curriculum Studies 1

| | |
|----------------|--|
| Equivalent s | EAB510 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

This unit provides an introduction to foundation understandings, skills and processes for studying Primary English Curriculum. In this unit, you will engage with current research about how educators teach children to learn about literature, including literacy theories, pedagogical models and assessment practices. In the context of a real world diverse class profile, you will study the Continuum of Literacy Instruction or Literacy Block, the Four Resources Model and reading assessment practices. The Primary English curriculum provides a key context for the development of literacy skills and knowledges. The unit supports the development of understandings that will be critical for further studies of language and literacies in EUB209 Primary English Curriculum Studies 2 and EUB306 Primary English Curriculum Studies 3. The units

enable you to build informed professional practices for teaching listening, speaking, reading and writing for the real world.

EUB111 Primary Mathematics Curriculum Studies 1

| | |
|----------------|--|
| Equivalent s | CRB001 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

This unit aims to assist you with developing your knowledge, skills and understanding of primary mathematics curriculum and pedagogical context knowledge and its application to real world contexts to enhance a numerate society. The foundations of mathematics commence in early childhood through play and is developed in later years through schooling and active participation in society. In this unit, specific content includes the exploration of number and measurement and the proficiencies, and the role of numeracy in daily life including your own lives, in society and educational contexts.

EUB112 Child and Adolescent Learning and Development

| | |
|----------------|--|
| Equivalent s | LCB002 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

This introductory unit contributes to your foundation knowledge for your pre-service teaching degree. This first-year unit facilitates understanding of how learners construct knowledge and become self-motivated thinkers and problem solvers. The unit provides a means of acquiring knowledge of the processes of learning, and an awareness of the physical, personal, moral, social, and emotional factors that influence development, learning experiences that support the instruction of diverse learners. The unit contributes to your own professional development as a life-long, autonomous learner, capable of reflection and high-level thinking, and of enabling you, as an educator, to promote similar development in your learners.

EUB140 Professional Experience: Introduction to Early Childhood Practice in Kindergartens

| | |
|-----------------|--|
| Pre-requisites | EUB104 |
| Anti-requisites | EDB120 and EDB121 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

Early childhood teachers draw on educational theories and practices, curriculum knowledge, play-based pedagogies, and understanding of the multiple ways that children learn to provide effective, inclusive and engaging educational

environments for children aged 3-5 years. This unit focuses on examining the roles and practices of early childhood teachers; building respectful relationships with children, families, communities and colleagues; observing, documenting and assessing children's learning; planning and implementing engaging play-based pedagogies to support and extend children's learning; and critically reflecting on teaching, and links between the National Quality Standard and the Australian Professional Standards for Teachers. The unit includes a 15-day professional experience placement (ACECQA requirements) in a kindergarten setting and will further support you to develop knowledge and skills related to your Quality Teaching Performance Assessment (QTPA).

EUB150 World Regions

| | |
|----------------|--------------------------------|
| Equivalent s | CRB109 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit offers an introduction to geography as a discipline and provides an overview of the physical and human characteristics of the world's geographical regions, and zones (e.g. climate zones and biomes). With a focus on the interactions between people and environments you will gain an understanding of geographical processes that shape the identity of places. Geographical processes are

both bio-physical and anthropogenic in nature and result in patterns of change over time and space which has implications for people and places. Using an inquiry approach, you will explore the regions, sub-regions and zones of the world to develop and apply analytical and communication skills as well as the specific geographical skills of mapping and representing data. The skills and understanding developed in this course provide practical value to professions including journalism, teaching, law, hazard management, global security, conservation and environmental science.

EUB151 Nations and Nationalism in Modern Europe

| | |
|----------------|--------------------------------|
| Equivalent s | CRB108 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit provides you with an understanding of matters pertinent to the evolution of nationalism in Europe in the modern era. This will include the influence of social movements, cultural and economic issues (1640-1990). Nationalism, nationhood and national identity have become subjects of heated debate in the post-cold war world. But what is nationalism? What constitutes a nation and how does nationality become one of the primary bases for the construction of individual and collective identities? This unit offers you the ability to critically

evaluate the work of professional historians. You will explore how available evidence and methodologies employed influence cultural and political factors and shape the messages and values that historians advocate through their writing. These practices promote understandings of how historians work, the rules that govern their methods, the reliability of historical knowledge and the value of history socially and culturally.

EUB152 Teaching Young Adult Literature

| | |
|----------------|--------------------------------|
| Equivalent s | LCB323 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This is the first discipline unit that you will take in the first year of your degree. It will provide you with a broad introduction to Young Adult (YA) literature, created for and/or marketed to readers aged between 12 and 20 years. This unit complements and extends the study of literature in the English Curriculum units. It addresses similar aspects of literary criticism but applies these elements to literature specifically intended for adolescents and young adults. In this unit you will also engage with a number of topics essential to the professional development of secondary English teachers including scope and nature of YA literature; strategies for evaluation and selection of

focus texts; recent research into teenagers' reading needs, interests and responses. You will also address questions about literariness, appeal, and the changing role and format of literary YA texts in learning environments dominated by digital media.

EUB153 Thinking and Communicating Mathematically

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

Ways of thinking, reasoning and communicating mathematically are important both for "doing" mathematics and for your future professional practice, when you will need to demonstrate these skills to assist others in their learning of mathematics. This unit is intended to reshape your way of thinking about mathematics, bridging you from a position of a learner at school to a learner of mathematics for your future profession. This unit provides a basis for the remaining mathematics discipline units in the Bachelor of Education (Secondary) course.

EUB154 Foundations of Science

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

With a focus on the topic areas of the Australian Curriculum for junior secondary science, this unit aims to build foundational knowledge of science by

critically reflecting on the nature of science, different forms of science inquiry, and the characteristics of the knowledge that is produced. This unit will prepare you for further studies in science discipline and curriculum studies, and as such it addresses professional standards to support the professional registration of teachers. It will ground you in an understanding of the social character and the philosophical foundations of science that are embedded in a heterogeneous collection of practices called science inquiry. In alignment with the recent Step Up Project (2016), you will connect with real-world scientists and perform science inquiry projects as a vehicle for critical reflection. This unit addresses APST 2.1 with a particular focus on junior secondary science topics.

EUB201 Early Childhood Mathematics Education 1

| | |
|----------------|--|
| Equivalent s | EAB532 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

It is essential that young children develop mathematical foundations in the early years. As a future educator you will need to be aware of the mathematical opportunities that will enhance young children's mathematical proficiencies. You will develop an introductory understanding of

Early Childhood Mathematics Education and familiarise yourself with mathematical content knowledge and the pedagogical practices associated with Number and Algebra. In this unit and the proceeding EUB302 Early Childhood Mathematics Education 2 unit, you will develop conceptual and pedagogical knowledge of early years mathematics teaching and learning, including play based pedagogies with particular focus on birth to Year 3. You will engage with the Early Years Learning Framework, ways children and teachers build mathematical knowledge as they transition from prior-to-school to formal school contexts.

EUB202 English, Literacies and Language 2

| | |
|----------------|--|
| Pre-requisites | EUB109 or EAB510 |
| Equivalent s | EAB534 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit further develops your knowledge, skills and application for teaching English curriculum and literacy to young children. The unit is at the developmental stage of your course and focuses on the importance of children's early oral language development for the teaching of reading and writing in the early years of school. This unit links to the work previously undertaken in

EUB109 English, Literacies and Language 1 and supports the development of understandings that will be crucial for your future studies in EUB304 English, Literacies and Language 3.

EUB203 Science in Early Childhood

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|----------------|--|
| Equivalent s | EAB531 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit develops your understanding about the importance of quality science education for young children from birth to 8 years of age. In order to inspire young children to ask questions about their environment and to become scientifically literate, teachers require knowledge of science concepts, pedagogy and curriculum, as well as diverse, contemporary and cultural perspectives on science education. This early childhood unit will develop your capacity to design and implement engaging science learning experiences that support children's conceptual development. You will further enhance your content knowledge, particularly in the areas of biology, chemistry, physics and earth and space science, through your participation in inquiry-based and hands-on learning activities. This unit will build on theories of teaching and learning from previous units

Units

and will provide you with the knowledge and skills to develop and implement age-appropriate early childhood science learning experiences.

EUB206 Arts Curriculum Studies 1: Visual Arts and Media Arts

| | |
|----------------|----------------------------|
| Equivalent s | EAB530 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-2 |

This unit is the first of two curriculum units in the arts. In this introductory unit, you will examine the basic content of the Visual and Media arts and how students learn in these disciplines. The unit provides opportunities for practical exploration of these art forms and theories, and introduces relevant arts pedagogies that emphasise the role of the arts in society and in the education and care of children from birth to 12 years of age. The arts traditionally and historically play an important part in early childhood and primary education with their potential to inspire children to reach their creative potential, and to enrich their experiences in prior-to-school and primary school contexts. This Visual and Media Arts unit focuses on the social, emotional, cultural and educational importance of the arts.

EUB207 Inclusive Education: Teaching Diverse Learners

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|--------------|----------------|
| Equivalent s | LCB005, EAB514 |
| Credit | 12 |

| | |
|----------------|--|
| Points | |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit will cover the fundamental concepts underpinning inclusive education and your obligations under national legislation, with emphasis on evidence-based universal strategies for use in inclusive classrooms and prior-to-school settings. The learning in this unit will develop your understanding of the historical, philosophical and theoretical background of inclusion, as well as your scholarly knowledge of current research and implications for teaching practice for diverse learners in inclusive settings. The unit aims to build your pedagogical agility and ethical practice for creating safe and supportive inclusive learning environments. This unit is in the introductory stage of the course and is linked with other units covering child development and pedagogical approaches. It will enhance your responsiveness to the learning strengths, rights and requirements of diverse learners and your knowledge of universal strategies to teach diverse learners in inclusive settings.

EUB208 Primary Mathematics Curriculum Studies 2

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|----------------|------------------|
| Pre-requisites | EUB111 or CRB001 |
| Equivalent s | CRB008 |
| Credit Points | 12 |
| Campus | Kelvin Grove |

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| Availabilities | Kelvin Grove - SEM-1 |
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As a future mathematics educator you will need to be aware of the mathematical opportunities in everyday encounters that will enhance children's mathematical proficiencies. Through your participation in this unit you will develop conceptual and pedagogical knowledge of mathematics education, with a focus on algebra, geometry, probability and statistics. This unit builds upon knowledge attained in EUB111 Primary Mathematics Curriculum Studies 1 and provides important foundational work for the proceeding unit, EUB307 Primary Mathematics Curriculum Studies 3.

EUB213 Inclusive Practices for Diverse Learners

| | |
|----------------|--------------------------------|
| Equivalent s | LCB005 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit will cover the fundamental concepts underpinning inclusive education and your obligations under national legislation with emphasis on evidence-based universal strategies for use in inclusive classrooms. This unit focuses on why, when and how to make adjustments for diverse students including those with complex behavioural profiles (disabilities), in partnership with parents/carers and in collaboration with teacher aides and external professionals. Consequently

the unit aims to build your pedagogical agility and ethical practice for creating safe and supportive inclusive learning environments for all students. This unit is in the introductory stage of the course and is linked with other units covering child development and pedagogical approaches. It will enhance your responsiveness to the learning strengths, rights and requirements of diverse students and your knowledge of quality differentiated teaching practice and adjustments for teaching diverse students in inclusive classrooms.

EUB220 Curriculum, Pedagogy and Assessment 1: English

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|-----------------|---------------------------------------|
| Pre-requisites | EUB107 or EUB129 |
| Anti-requisites | CRB200 - English Curriculum Studies 1 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This English Curriculum Studies unit develops your understanding of English curriculum content, pedagogy and assessment, with a focus on junior secondary (years 7-10) education. Building upon your learning in EUB107 Introduction to Curriculum, Pedagogy and Assessment (Secondary), and following your first professional experience, this unit will explore the Australian Curriculum: English in more depth, to recognise its implicit informing theories relating to language, literature and literacy and explicit program

specifications. The focus of this unit is on junior high school contexts, with some engagement with senior English to show how junior and senior English are linked, and in preparation for the second professional experience unit. The unit provides simulated experiences of the kind of work undertaken by high school English teachers and their students.

EUB221 Curriculum, Pedagogy and Assessment 1: Mathematics

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|-----------------|---|
| Pre-requisites | EUB107 or EUB012 or EUB129 |
| Anti-requisites | CRB204 - Mathematics Curriculum Studies 1 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Mathematics is a constantly evolving field of inter-related and inter-dependent concepts and systems that can be applied to model and reason about phenomena from other disciplines. Building upon your prior learning and experience, including your first professional experience, this unit will explore mathematics curricula, with a focus upon junior secondary (Years 7-10) in the Queensland context. Through a consideration of subject matter from the Australian Curriculum: Mathematics, key principles and practices of contemporary mathematics pedagogy will be explored. You will apply your understanding of subject-matter, topic-specific pedagogy and formative assessment knowledge to the

sequencing and design of learning activities suitable for use in a junior secondary classroom. The knowledge, understanding and skill developed in this unit will prepare you to plan and teach mathematics lessons in your subsequent professional experience, and will be further extended in EUB321.

EUB222 Curriculum, Pedagogy and Assessment 1: History

| | |
|-----------------|---------------------------------------|
| Pre-requisites | EUB107 or EUB129 |
| Anti-requisites | CRB208 - History Curriculum Studies 1 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit develops your understanding and skill in history curriculum, pedagogy and assessment knowledge. Building upon your learning in EUB107 Introduction to Curriculum, Pedagogy and Assessment (Secondary), and following your first professional experience, this unit will explore history curricula, with a focus upon Years 7-10. A variety of subject matter from the Australian Curriculum: History will be considered, through which key principles and practices of contemporary history pedagogy will be explored. You will apply your understanding of subject-matter, topic and discipline-specific conceptual and pedagogical and assessment knowledge to the design of inquiry-based learning activities suitable for use in a junior secondary classroom. The

knowledge, understanding and skills developed in this unit will prepare you to plan and teach history lessons in your subsequent professional experience, and will be further extended in EUB322 Curriculum, Pedagogy and Assessment 2: History.

EUB223 Curriculum, Pedagogy and Assessment 1: Geography

| | |
|-----------------|---|
| Pre-requisites | EUB107 or EUB129 |
| Anti-requisites | CRB212 - Geography Curriculum Studies 1 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit develops your understanding and skill in regards to Geography curriculum, pedagogy and assessment knowledge. Building upon your learning in EUB107 Introduction to Curriculum, Pedagogy and Assessment (Secondary), and following your first professional experience, this unit will explore geography curricula, with a focus on Years 7-10. A variety of subject matter from the Australian Curriculum: Geography will be considered, through which key principles and practices of contemporary geography pedagogy will be explored. You will apply your understanding of subject-matter and topic-specific pedagogical and assessment knowledge to the design of learning activities suitable for use in a junior secondary classroom. The knowledge, understanding and skill developed in this unit will

prepare you to plan and teach geography lessons in your subsequent professional experience, and will be further extended in EUB323 Curriculum, Pedagogy and Assessment 2: Geography.

EUB224 Curriculum, Pedagogy and Assessment 1: Science

| | |
|-----------------|-----------------------------|
| Pre-requisites | EUB107 or EUB012 |
| Anti-requisites | CRB215 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit develops your understanding of Science curriculum, pedagogy and assessment. Building upon your learning in EUB107 Introduction to Curriculum, Pedagogy and Assessment (Secondary), contemporary pedagogical approaches for teaching science will be explored in conjunction with the requirements of the Australian Curriculum: Science. You will apply your understanding of discipline content knowledge (i.e., Biology, Chemistry, Physics, Earth and Space sciences) as well as pedagogical and assessment knowledge to the design of learning activities suitable for a junior secondary classroom (years 7-10). The knowledge, understanding and pedagogical skills developed in this unit will assist you to plan and teach a science lesson. Mapping of junior science content to the senior syllabus will prepare you for further extension in EUB324 Curriculum, Pedagogy and

Assessment 2: Science.

EUB241 Professional Experience: Early Childhood Practice in Birth-2 Settings

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|-----------------|-----------------------------|
| Pre-requisites | EUB140 or EDB120 |
| Anti-requisites | EDB121 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This second professional experience unit in a prior-to-school setting explores early childhood curriculum, learning environments, pedagogical approaches, and the importance of relationships in teaching children aged birth-2 years. Aboriginal and Torres Strait Islander knowledges and perspectives on early education and care are embedded throughout this unit. The unit includes a 10-day professional experience placement in a birth-2 setting and will further support you to develop knowledge and skills related to your Quality Teaching Performance Assessment (QTPA). Following on from EUB140 Professional Experience: Introduction to Early Childhood Practice in Kindergartens, the content of this unit and the 10-day professional experience placement contributes explicitly to the ACECQA requirements for early childhood graduates.

EUB242 Professional Experience: Introduction to Professional Practice

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| Pre-requisites | EUB104 and (EUB105 or EUB107 or EUB129) |
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| Anti-requisites | EDB170 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit has a 15 day professional experience placement designed to further introduce you to the practice of teaching, building upon the learning you have had to date, especially the unit EUB104. Throughout this unit you will develop the skills necessary to critically analyse your professional practice and identify areas to strengthen. You will develop a range of planning and teaching strategies designed to positively impact on a diversity of learners in positive learning environments. The unit content and professional experience combine to provide you with purposeful learning and reflection opportunities for you to begin to develop and shape your emerging identity and practice as a beginning teacher. Learning in this unit will be directly related to preparing for and reflecting on the time you will spend in a school. There will also be a focus on developing skills and practices for professional resilience.

EUB250 Australian Geographical Studies

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|----------------|--------------------------------|
| Equivalent s | CRB113 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit explores the unique nature of the Australian continent, its landforms and landscapes, its people and places. A vast nation with a small population, Australia is faced with challenges of remoteness not found in other regions of the world. This remoteness shapes the identity of places and the relationships of people with their environment and poses challenges for sustainability and liveability. Australia is home to the one of world's oldest living cultures, that of Aboriginal peoples and Torres Strait Islander peoples, who have a connection and relationship with the land that shapes their identity and underpins their belief systems. In this unit you will gain an understanding of Indigenous peoples' perspectives on the creation of and relationships with land. The skills and knowledge acquired in this unit are valued in a range of academic endeavours including regional and urban planning, resource management, native title, emergency management, environmental management.

EUB251 Environment and Society

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|----------------|--------------------------------|
| Equivalent s | CRB110 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit provides an applied geography approach to understand the dynamic nature of interactions between people

and their environments, and the ways environments influence people's attitudes, perceptions, choices and decisions. This is a skills-based unit that provides an opportunity to transform, represent and analyse geographical data and information to recognise spatial and temporal patterns and trends and explain how these represent contemporary geographical challenges. The skills developed in this unit are applicable across a range of other academic geography and social science subjects and are utilised by specialists in a diverse range of professions including economists, demographers, spatial technicians, criminologists, environmental analysts and managers, urban and regional planners and those in hazard management professions.

EUB252 Australian Society and Culture

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|----------------|--------------------------------|
| Equivalent s | CRB250 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Australian Society and Culture combines literary and cultural studies, political analysis and history. It provides a context through which you can acquire knowledge about Australian institutions and traditions since 1901. In the last century, numerous social, cultural and political ideas, policies and actions have shaped and re-constructed Australians. Understanding how Australia

has evolved as a nation, a community, a culture and a people involves critically analysing various constructions, meanings and interpretations. A study of Australian society and culture will therefore involve an appreciation of Australian people and the significant political and social debates that they engage in. This unit offers insights and understandings about issues that divide Australians as well as events and circumstances that unite the nation. The content provides students with the knowledge base and understandings necessary to successfully teach history in Queensland Secondary schools.

EUB253 The Classical World

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|----------------|--------------------------------|
| Equivalent s | CRB107 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit facilitates understandings of particular societies and their transition in the Classical World by focusing attention on selected periods, aspects and individuals in ancient Greece, Rome and the Near East. Such understandings encourage questioning of established interpretations and knowledge and provides a basis for further intensive study of the period.

EUB257 Reasoning with Quantity, Space and Shape

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

A deeper understanding of measurement, shape and space will allow you to apply your mathematical knowledge to problems of interest in the real world. This in turn will provide you with new ways to explain mathematics to others and to assist them in their learning. In this unit you will further apply your growing mathematical knowledge-base, built from earlier discipline units, to problems of both real world and abstract natures that involve the use of measurement and geometry concepts. This unit intends to give you greater confidence in explaining mathematical ideas to students by exposing you to different applications and links between mathematical topics.

EUB303 Technologies

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|----------------|--------------------------------|
| Equivalent s | CRB011 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Technologies impact the lives of people globally and are essential to envisioning and developing innovative solutions to meet both current and future needs. This unit provides you with opportunity to develop knowledge and understanding of both Digital Technologies and Design and Technologies, two distinct learning areas from the Australian Curriculum. As a future Early Childhood or Primary teacher you are required to engage with

teaching and learning issues present in teaching technologies. Hence, theoretical approaches, practical experiences, and the development of communities of practice are important features of this unit. This unit also includes practical application of the ICT general capability that was introduced in previous units. This unit further develops introductory understandings of technologies covered in the Digital Pedagogies unit undertaken in your first year of study.

EUB304 English, Literacies and Language 3

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|----------------|--|
| Pre-requisites | EUB202 or EAB534 |
| Equivalent s | EAB535 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

This unit builds on the content of earlier units, English, Literacies and Language 1 and 2. The unit is at the mastery stage of your course, and focuses on broadening knowledge and understandings about the current context of education in relation to literacy and English in prior to school and primary school settings. The unit provides a space for you to build informed opinions about important issues and to practice articulating these opinions professionally and confidently.

EUB305 HASS Curriculum Studies 1: Geography and Civics

| | |
|----------------|--------------------------------|
| Equivalent s | CRB004 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit introduces key concepts and skills foundational to geography and civics education in the early childhood and primary years. The unit distinguishes children as critical thinkers and active and informed citizens who can develop perspectives about global issues and sustainable futures. This unit will develop your knowledge of curriculum documents (Australian Curriculum (F-6), the Early Years Learning Framework and the Queensland Kindergarten Learning Guideline) and prepare you with the pedagogies to teach geography/civics to diverse learners. In particular, the unit focuses on using ICTs and embedding literacy and numeracy strategies. Additionally, the unit uses data to inform practice developing skills learnt in EUB343. This third year unit is the first HASS unit but further develops pedagogical and assessment practices from earlier units. The second HASS unit HASS Curriculum Studies 2: History and Civics builds on the knowledge and skills introduced in this unit.

EUB309 Performing Arts Education

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|------------|--------|
| Equivalent | EAB538 |
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| s | |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

Performing Arts is a learning area that draws together related but distinct art forms and specifically engages with dance, drama and music. Through music, movement/dance, performance-based media, imaginative play, story and drama, learners are provided with ways to experience, understand, appreciate and respond to their worlds, as they develop visual, aural, bodily-kinaesthetic and aesthetic literacies. The Arts encompasses learning opportunities that activate, engage and develop creative and critical thinking dispositions. Through this unit you will learn how to support purposeful and creative play and foster learners' connection to, and contribution to their worlds. You will learn to plan and teach learning experiences that extend, challenge and evoke learners' responses to the arts. Performing Arts as an expression of cultures and communities will also be explored.

EUB320 Curriculum, Pedagogy and Assessment 2: English

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|-----------------|--------------------------------|
| Pre-requisites | EUB220 or CRB200 |
| Anti-requisites | CRB201, CRB203 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This English Curriculum Studies unit develops your understanding of English curriculum content, pedagogy and assessment, focusing on senior secondary (yrs 11-12) English. Building upon your learning in EUB220, & prior to your final year of professional experience, this unit will explore the Queensland senior syllabus for English in depth, to recognise its implicit informing theories and explicit program specifications. Other senior English syllabuses for Queensland will also be explored. Exploration of a selection of subject-matter from across Years 11-12 will provide the basis for you to extend your topic-specific pedagogical knowledge, & to develop your ability to design and provide feedback on summative assessment tasks. You will apply your understanding of subject matter and topic specific pedagogical and assessment knowledge to the marking of a summative assessment task & associated teaching & learning plans suitable for use in a senior secondary classroom.

EUB321 Curriculum, Pedagogy and Assessment 2: Mathematics

| | |
|-----------------|--------------------------------|
| Pre-requisites | EUB221 or CRB204 |
| Anti-requisites | CRB205, CRB207 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Mathematics is an intellectual discipline in which problems

are explored and solved through observation, reflection and logical reasoning. This unit further develops your understanding and skill in regard to mathematical curriculum, pedagogy and assessment knowledge. Building upon your prior learning experience, this unit will explore the subject-matter and summative assessment practices including instrument specific marking guides (ISMGs) used in the senior (Years 11-12) mathematics syllabi.

EUB322 Curriculum, Pedagogy and Assessment 2: History

| | |
|-----------------|--------------------------------|
| Pre-requisites | EUB222 or CRB208 |
| Anti-requisites | CRB209, CRB211 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit further develops your understanding and skill in regard to History curriculum, pedagogy and assessment knowledge. Building upon your learning about the principles and practices of contemporary history pedagogy in EUB222, and following your second professional experience, this unit will explore the subject-matter and summative assessment practices for Years 11-12 in the Senior Modern and/or Senior Ancient History syllabi in the Queensland context. The exploration of a selection of subject-matter from across Years 11-12 will provide the context for you to extend your pedagogical knowledge

and to develop your ability to design and provide feedback on summative assessment tasks. You will apply your understanding of subject-matter, topic and discipline-specific conceptual pedagogical and assessment knowledge to the marking of a summative assessment task and associated teaching and learning depth-study plans suitable for use in a senior secondary classroom.

EUB323 Curriculum, Pedagogy and Assessment 2: Geography

| | |
|-----------------|--------------------------------|
| Pre-requisites | EUB223 or CRB212 |
| Anti-requisites | CRB213, CRB214 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit further develops your understanding and skill in regard to geography curriculum, pedagogy and assessment knowledge. Building upon your learning in EUB223 Curriculum, Pedagogy and Assessment 1: Geography and following your second professional experience, this unit will explore the subject-matter and summative assessment practices used in Years 11-12 geography syllabi in the Queensland context. The exploration of a selection of subject-matter from across Years 11-12 will provide the basis for you to extend your topic-specific pedagogical knowledge and to develop your ability to design and provide feedback on summative assessment tasks. You will

apply your understanding of subject-matter and topic-specific pedagogical and assessment knowledge to the marking of a summative assessment task and associated teaching and learning plans suitable for use in a senior secondary classroom.

EUB324 Curriculum, Pedagogy and Assessment 2: Science

| | |
|-----------------|--------------------------------|
| Pre-requisites | EUB224 or CRB215 |
| Anti-requisites | CRB216, CRB218 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit develops your understanding of the theory and practice of curriculum and assessment design in senior science (Years 11 and 12). It focuses on the knowledge and skills required to design contextualised lesson sequences and assessment instruments, which comply with new QCAA syllabus specifications while catering for 'real world' school and learner characteristics. You will learn how to build upon the syllabus structure and topic outlines by incorporating contexts, resources and examples of pedagogical content knowledge appropriate to authentic school scenarios. The unit builds on content taught in EUB107 concerning the fundamentals of curriculum and assessment, as well as the knowledge developed in EUB224 regarding the syllabus documents specific to your

chosen senior science subject (i.e., Biology, Chemistry, Earth and Environmental Science, Physics, etc.).

EUB343 Professional Experience: Informing Professional Practice

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| Pre-requisites | (EUB241 or EUB242 or EDB171) and a recorded attempt of both components of LANTITE |
| Anti-requisites | EDB173,EDB150 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SUM |

This unit supports the developing stage of pre-service teacher professional practice. Building on practices introduced in EUB242 (Primary and Secondary) or EUB140 and EUB241 (Early Childhood), it focuses on developing the professional knowledge and practices associated with evidence of learning and evidence of impact. You will gain an understanding of and develop strategies for assessing, providing feedback and reporting on student progress, including quality assuring teacher judgements of student achievement. Data management, interpretation and analysis skills will be introduced, and factors that influence the measures of student performance, for example the National Assessment Plan. You will participate in 20 days of professional experience. Learning in this unit will be related to preparing for and

reflecting on the time you will spend in a school. You will also focus on developing skills and practices for professional resilience, specifically, personal wellbeing.

EUB350 Asia in Focus

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|----------------|--------------------------------|
| Equivalent s | CRB112 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit provides the opportunity to engage with a range of physical and human geography topics with Asia as the focus. A regional geography approach is used to explore and understand the features, elements and characteristics of the human and physical landscapes as well as the interconnection between Asian nations and Australia. A case study approach is used with topics include sustainability and liveability of places; natural and ecological hazard zones and the risks in these zones; population, urbanisation and the emergence of megacities; the unique and diverse physical environments and the relationships people have with places across Asia. Utilising a range of geographical technologies, this unit will provide a range of valuable analytical skills, including spatial analysis, that are valued in a range of professions including regional planning, foreign affairs, journalism, environmental management, emergency services, hazard management, resource

management and global security.

EUB351 Space, Population and Territory

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

This unit focuses on three interrelated concepts that are foundational to the discipline of geography: space, population and territory. You are invited to examine the historical and contemporary environmental, economic, political, social and cultural factors that shape these concepts. You will engage in the examination of the practical and concrete impact that ideas about space, population and territory have on lived everyday life at both a local and global level and the implications for sustainable planning for the future. In this unit, which is placed towards the end of your course, you will be able to draw on, extend and contextualise knowledge and skills that you have acquired in your earlier discipline and curriculum studies in geography.

EUB352 Medieval Europe and the World

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|----------------|--------------------------------|
| Equivalent s | CRB115 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit traces the evolution of Europe from the barbarian invasions of the fifth century, through the Carolingian period

and the Crusades, to the centuries usually defined as the High Middle Ages. On a thematic level, the unit selectively examines topics concerned with political, religious and intellectual developments, along with the cultural history of Medieval Europe. You will develop an understanding of how events and forces have contributed to societal, political and cultural change in Europe in Medieval times. The Middle Ages constitute a crucial period in the formation of a European identity. The breakdown of the Roman world saw the gradual emergence of a Christian civilisation of striking originality. At the same time, it gave rise to political fragmentation, as well as to the national characteristics and antagonisms that are still part of the European scene today. The content of this unit offers you understandings of issues that are still of central concern in our society.

EUB353 China and its Region

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| Equivalent s | CRB106 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1 |

The unit provides you 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. To enhance understanding, and for comparative purposes, the unit also examines significant events in the history of nearby Asian countries. Through appreciating the circumstances and personalities that have shaped China and its neighbours, you will be able to more readily and articulately analyse and interpret major events taking place in China and its region today.

EUB356 Mathematics in Everyday Contexts

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

Applying mathematics and statistics to investigate real world phenomena and solve related problems is considered by some to be the ideal way the engage learners in mathematics and to illuminate for them, the most difficult ideas. In this unit you will draw on mathematical and statistical techniques of preceding discipline units, applying them to real world problems from a variety of contexts.

EUB401 Teaching Learners with Complex Learning Profiles

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|-----------------|--------|
| Pre-requisites | EUB207 |
| Anti-requisites | LCB006 |
| Credit Points | 12 |

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| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit will cover targeted strategies for learners with complex learning profiles in inclusive classrooms in prior-to-school and formal school contexts. This unit focuses on why, when and how to make adjustments in accordance with the Disability Standards for Education 2005, and how to do so in partnership with parents/carers and in collaboration with relevant external professionals and teacher aides. The learning in this unit will develop your understanding of learners with complex learning profiles and your capability to plan and enact supplementary, substantial and extensive adjustments to curriculum, pedagogy and assessment within inclusive classrooms in prior-to-school and primary school contexts. The unit is offered at the mastery stage of the course to develop your ability to teach learners with complex learning profiles. It builds on your learning in EUB207 Inclusive Education: Teaching Diverse Learners and is related to other units covering pedagogical and curriculum approaches.

EUB402 Early Childhood Research and Evaluation

| | |
|----------------|--|
| Equivalent s | EAB516 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit focusses on research and evaluation for diverse early childhood education settings. Research and evaluation knowledge and skills are important for educators as they enable them to take a scholarly approach to researching topics of interest in the field. This also enhances contemporary early childhood professional practice in the area of evaluating and improving teaching and learning programs. These skills and knowledge allows educators to use rigorous data collection and analysis approaches, high level research literacy skills, and ethical approaches to answer questions such as 'what works, for whom, and how?' This unit is at the mastery level of the course and draws on research literacy skills and critical and evaluative thinking introduced and developed earlier in the course. The skills learnt in this unit support the Teaching Performance Assessment in the capstone unit of the course.

EUB403 HASS Curriculum Studies 2: History and Civics

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| Equivalent s | CRB003 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit further develops key foundational concepts, content and skills of history, civics and citizenship education in the prior-to-school and primary school years that were introduced in EUB305. This mastery level unit assumes professional familiarity with the

structure and intent of the Australian Curriculum (F-6) HASS, the Early Years Learning Framework and the Queensland Kindergarten Learning Guideline. The unit distinguishes young children as competent, involved learners who develop and experience perspectives about the past. In prior-to-school and primary school contexts, learners investigate challenging topics to enable them to become critical thinkers and active and informed citizens. As such, educators in the early childhood and primary years engage with children, families and communities that help them understand the role of history, civics and citizenship in society. Such knowledge develops an informed and critical understanding of the past and allows better understandings of the present and the future.

EUB404 Leadership, Management and Advocacy

| | |
|----------------|-------------------------------|
| Equivalent s | EAB515 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 6TP5 |

In this unit you will explore essential elements of quality early childhood education and care, including leadership, management and advocacy. These are essential when building strong, respectful and meaningful relationships with children, families and staff. Understandings of leadership, management and advocacy from diverse, contemporary

and cultural perspectives, enable early childhood educators to work optimally with diverse children, families and communities in varying early childhood contexts. Through exploring leadership and management theories and approaches to advocacy from contemporary research and literature you will expand upon and master your existing skills. Advocacy and its capacity to affect change and growth is integral to the unit. Social justice, ethics, and equity are explored as effective principles for the successful leadership and management of early childhood services.

EUB406 Stepping Out/ Teaching Performance Assessment

| | |
|-----------------|--|
| Pre-requisites | EUB444 |
| Co-requisites | EUB445 |
| Anti-requisites | EDB174 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

The unit provides a means of transition from pre-service teachers to the role of a professional educator capable of working across diverse contexts and settings. This unit contributes to the capstone for your pre-service teaching degree and connects all of your prior university learning experiences through a three-day professional learning conference held in Orientation Week (Semester 2). The

conference engages educational leaders and practising professionals to present sessions designed to equip you for transition to the education field and access to employment options. The final year Quality Teaching Performance Assessment (QTPA) is a course requirement that is situated within this unit. The QTPA is an assessment of teaching performance that is designed to measure your knowledge, skills and ability in relation to the Graduate level of the Australian Professional Standards for Teachers. The QTPA is based on a learning sequence around a discipline-specific area.

EUB407 Health and Physical Education: Wellbeing, Families and Communities

| | |
|----------------|-------------------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 6TP5 |

This unit prepares you to teach health education (wellbeing) in the primary school context. Student wellbeing is a central focus for learning, with both policy and the Australian Curriculum stating the importance of such teaching and learning. You will develop pedagogical knowledge on anti-bullying frameworks and pedagogies, diversity (including sex, gender, sexuality and culture), respectful relationships, and safe and responsible choices. Effective teaching and learning practices will be based in anti-oppressive education theory. This unit

supports the introduction of the health and physical education curriculum with a focus on the personal, social, and community health strand.

EUB408 Integrated Curriculum: Bringing it all Together

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|----------------|--------------------------------|
| Equivalent s | CRB007 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Integrated units of teaching and learning are popular strategies for intellectually challenging learning in primary education. Therefore, teachers are required to have a deep understanding of disciplinary connections and options for integrated assessment. Real world learners and their contexts often provide a useful platform for integration of curriculum. This mastery level unit investigates ways of translating theory into professional practice for integrating curriculum, including demonstration of a broad range of disciplinary content knowledge. You will have opportunities to appreciate the complexity of integrated curriculum and assessment and to consider different approaches to integrating curriculum. The focus for learning includes the study of multiliteracies designs for learning and pedagogy, planning models, cross-curriculum priorities, general capabilities, and cross-curriculum literacies. You will reflect critically on the affordances and barriers of a

best practice integrated curriculum approach and real-world applications.

EUB420 Curriculum, Pedagogy and Assessment: Innovation

| | |
|-----------------|--|
| Pre-requisites | EUB320 or EUB321 or EUB322 or EUB323 or EUB324 or XNB399 or CRB201 or CRB205 or CRB209 or CRB213 or CRB216 or CRB203 or XNB391 or CRB207 or CRB211 or CRB214 or CRB218 |
| Anti-requisites | CRB202, CRB206, CRB210, CRB217 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Secondary school teachers need a range of understandings and skills to be effective practitioners in the complex social and technological environment of the classroom. The policy and practice environment of schooling provides many challenges for the graduate teacher. Grounded in your classroom experiences, this independent inquiry unit at the end of the curriculum, pedagogy and assessment suite will provide you with an opportunity to identify an area of interest related to secondary school curriculum, pedagogy and/or assessment. You will explore your area of interest with assistance and feedback from your tutor.

EUB444 Professional Experience: Consolidating Professional Practice

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| Pre-requisites | (EUB343 or EDB173 or EDB150) and successful completion of both |
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Units

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| | components of LANTITE |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Learning in this unit will be directly related to preparing for and reflecting on the time you will spend in a school. There will also be a focus on developing skills and practices for professional resilience, specifically, taking initiative. This unit has a 20-day professional experience designed to consolidate the previous learning you have had throughout your course to date. Throughout this unit you will further consolidate the skills necessary to critically analyse your professional practice and identify areas to strengthen. You will continue to develop and refine a range of planning, teaching and assessment strategies designed to positively impact on a diversity of learners. The unit content and professional experience combine to provide you with purposeful reflection opportunities for you to consolidate your teaching practice and further shape your emerging identity as a beginning teacher.

EUB445 Professional Experience: Transition to Professional Practice

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|----------------|--|
| Pre-requisites | EUB444 and one of (EUN304, EUN305, EUN306, EUB320, EUB321, EUB322, EUB323, EUB324, XNB399) |
| Co-requisites | EUB406 |
| Credit Points | 12 |

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| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

This final professional experience will strengthen your professional practice at the Graduate level of the APSTs. A 25 day professional experience provides you with an opportunity to gather evidence, reflect, focus and synthesise your knowledge as you prepare to enter the teaching profession. Your emerging teacher identity will be further developed as you move from pre-service teacher to a beginning teacher. This mastery level unit will also focus on developing skills and practices for professional resilience, specifically, managing emotions. If you are an early childhood or primary student your chosen primary specialisation will relate to this final professional experience.

EUB450 Geography in the Field

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|----------------|--------------------------------|
| Equivalent s | CRB114 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit provides an opportunity to develop fieldwork design skills as well as practical fieldwork skills for gathering data, making observations, and recording information in the field. Fieldwork is carried out in both urban and natural environments within the Greater Brisbane area. Ways of representing and analysing

data gathered in the field will provide the opportunity to develop cartographic, graphic and analytical skills. You will propose, design and carry out your own fieldwork and report on your findings. The skills developed in this unit are relevant to a wide range of professions within the geography, science and education fields that rely on project design, data collection and analysis and analytical reporting, including proposing action to identified geographical challenges.

EUB451 Australia, Britain and America

| | |
|----------------|--------------------------------|
| Equivalent s | CRB117 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit focuses on British and American social and political influences on Australian foreign policy and social attitudes since 1900. It investigates Australia's, America's and Britain's relationships with Asian countries through involvement in war. The content examines World War 1, the interwar-years, World War 2 and the post-World War 2 period. A secondary objective is to examine the fight for independence and democracy, particularly in a number of former colonial countries. Before World War 2, reverence for the British Empire and appreciation of its protection influenced Australian attitudes and governmental decision-making. Most Australians

seldom questioned this close relationship. During and after World War 2, America became Australia's great and powerful friend - and the influence of Britain diminished. Nevertheless, public affection for the mother country did not dissipate so quickly. Learning experiences and assessment align with QCAA and ACARA expectations.

EUN101 Supporting Innovative Pedagogy with Digital Technologies

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|----------------|--|
| Credit Points | 6 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - 6TP2 External - 6TP2 |

This six week unit provides the foundations for the application of digital technologies in curriculum and pedagogy. It focuses on using digital technologies as a general capability across early childhood, primary and secondary education contexts, while emphasising the importance of ethical use of digital technologies on new and innovative approaches to teaching and learning. General capabilities are common across all three cohorts as part of the Australian Curriculum.

EUN102 Child and Adolescent Development

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|----------------|--|
| Credit Points | 6 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - 6TP3 External - 6TP3 |

This six week unit introduces you to biological and environmental influences on child and adolescent development. The unit focuses on theories of child and adolescent development, along with biological sequences for physical, social, emotional, cognitive, and speech and language development, from birth to 18 years of age. Early experiences provide the base for the brain's organisational development and functioning in the adolescent years, and throughout life. The first three years in particular are a time of rapid cognitive, linguistic, social, emotional and motor development. These early foundations shape a child's future development, health and learning achievement at school, in the family and community. All educators need to understand child development from birth through to 18 years of age to be effective.

EUN103 Teaching EAL/D Learners

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|----------------|--|
| Credit Points | 6 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - 6TP3 External - 6TP3 |

Teaching English as an additional language/dialect (EAL/D) introduces key concepts and skills that are foundational to understanding, engaging and supporting diverse learners in a range of educational contexts. This six-week unit supports the knowledge and orientations

that you explore in other units. It complements curriculum knowledge that you are learning about through other units studied.

EUN104 Culture Studies: Indigenous Education

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|----------------|--|
| Credit Points | 6 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - 6TP2 External - 6TP2 |

This introductory six-week unit begins with an analysis of your own cultural place in the Australian context and moves toward understanding Aboriginal and Torres Strait Islander perspectives on history and contemporary issues in education. You will examine why Aboriginal and Torres Strait Islander children and students have been disadvantaged by the Australian education system. The unit introduces theories in relation to cultural standpoint, decolonisation and race and supports the development of informed approaches for practice in Aboriginal and Torres Strait Islander education.

EUN105 Teaching in New Times

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| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

'Teaching in New Times' introduces you to the relationship between contemporary practices of

education and the new and emerging configurations of culture, society, economy, politics, and technology. You will be challenged to adopt evidence-informed sociological, historical and comparative perspectives to analyse, research, and explore key facets of this relationship, especially in the domain of educational policy. In doing so, you will develop disciplinary knowledge of the field and of the research skills appropriate to it. Your studies in this unit will engage with those in other units being studied at this introductory stage of your course - from digital innovation and theoretical suppositions about learners to Indigeneity and diversity. It will also provide you with an insightful and equitable philosophical foundation for your studies in subsequent semesters, your site-based professional experiences, and your professional practice as a graduate teacher working with children and youth within diverse communities.

EUN106 English, Language and Literacies 1

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| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit provides foundation understandings, skills and processes for studying English, language and literacies in the Early Years Learning Framework and Primary English Curriculum. In this unit

you will engage with current research about how young children learn language, literacies and English disciplinary content, including phonics, spelling, vocabulary, speaking (oral language), listening and reading. You will study theories of language acquisition and literacy learning in order to consider ways of understanding how young children learn to communicate and make meaning. Strategies for assessing these aspects of literacy will also be explored. The unit supports the development of understandings that will be crucial for your future studies of writing, handwriting, grammar, and multimodal design in EUN201 English, Language and Literacies 2. The unit enables you to build informed opinions about important themes and policies related to English, language and literacies, and to practise articulating these opinions professionally.

EUN107 Mathematics and Numeracy 1

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

The development of mathematics knowledge, skills and applications across a wide range of situations is critical for your development as an early childhood or primary teacher. Mathematics knowledge and skills are included in your course because you will develop theoretical and

practical knowledge to support learners as they learn to become numerate. This unit provides you with the foundations of two strands of the Australian Curriculum: (i) Mathematics - Number and Measurement, (ii) Proficiencies early numeracy is also explored in relation to the Early Years Learning Framework and the Queensland Kindergarten Learning Guideline. Work in this unit will be added to your eportfolio that you started in EUN101. You will develop your confidence and capacity to teach Number and Measurement and their interconnections with other curriculum areas, educational contexts and wider society.

EUN108 Science Curriculum and Pedagogy

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

Science is necessary for understanding the world around us. From birth onwards, children actively explore their environment and try to make sense of their world. You will enhance your content knowledge, particularly in the areas of biology, chemistry, physics and earth and space science, through your participation in inquiry-based and hands-on learning activities. This will be integrated with pedagogical and curriculum knowledge to enhance your repertoire of instructional approaches, and

to develop your pedagogical content knowledge for teaching to all learners. This unit will build on theories of teaching and learning from previous units including literacy, numeracy, and digital literacies, and will provide you with the knowledge and skills to develop and implement age-appropriate science learning experiences. If you selected Science as your primary specialisation, it is recommended you take *EUN303: Science Primary Science Specialisation 1* alongside this unit.

EUN109 Inclusive Teaching for Diverse Learners

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|----------------|--|
| Credit Points | 6 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - 5TP8 External - 5TP8 |

Within the current policy and legislative context in Australia, teachers are required to respond to the needs of diverse learners and offer support through a multi-tiered response model, which integrates Quality Differentiated Teaching Practice and levels of adjustments for diverse groups of learners. The Australian Curriculum and The Early Years Learning Framework have been designed to enable flexibility and to ease adjustments to facilitate access using the principles of Universal Design for Learning, to meet the needs of all learners. This five-week unit will equip you with the

knowledge and skills, developing your understanding of inclusive philosophies, policies and approaches, and your ability to apply inclusive teaching strategies across all educational contexts, to cater for diversity including learners with disabilities and gifted and talented learners.

EUN110 Teachers as Leaders and Entrepreneurial Thinkers

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|----------------|--|
| Credit Points | 6 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - 6TP4 External - 6TP4 |

As future teachers and educators, knowledge and insights into leadership, management, administration and entrepreneurial education provide opportunities to understand the function and operation of diverse educational contexts. Understanding of educational leadership and entrepreneurial thinking enables people who work in educational contexts to be well positioned to engage with change, enable organisational growth and advocate for effective forms of professional practice. This six-week unit will aid understanding of legislative, administrative and organisational policies and processes required for teachers and leaders. This unit enables you to engage with leadership and entrepreneurial features of your role in the profession. It links to your previous study of learners and educational contexts to

provide an important foundation for your professional identity and your future career as a teacher and leader in education.

EUN120 Curriculum and Pedagogy 1: Foundations

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|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit will introduce you to principles and practices of curriculum design and implementation in secondary school settings. It will explore the organisation of the Australian Curriculum, taking into consideration not only discipline-specific features but also other aspects of the curriculum that cut across discipline boundaries. The unit will also introduce you to practical aspects of teaching in secondary school classrooms, including the generic plan-teach-assess-reflect cycle, classroom organisation and management strategies, and resources available to inform your teaching practice. Whilst this unit will be taken by students from all teaching areas, opportunities for you to become familiar with the curriculum documents that relate to your chosen teaching areas, especially in Years 7-10, will be provided. The unit provides the opportunity for you to consider broader educational theories in relation to specific learning areas and provides a foundation of curriculum and pedagogical

knowledge that will be further developed in later curriculum and pedagogy units offered in the degree.

EUN121 Curriculum and Pedagogy 2: Planning

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|----------------|--|
| Pre-requisites | EUN120 |
| Co-requisites | EUN122 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

In conjunction with EUN122, this unit will extend upon your foundational knowledge of curriculum and pedagogy developed in EUN120. This unit will prepare you to design a series of engaging learning experiences for students in junior secondary classes. The unit is designed to provide a common thread of readings and learning forums for students in all teaching areas to grasp the key commonalities and differences between various school subjects and their curriculums. There are also weeks that involve studying your first teaching area in depth with a curriculum expert, to allow a focus on discipline-specific traditions and practices. Your knowledge and skill will be further developed in future units in which you will consider learning in senior secondary settings. Work in this unit will be added to your eportfolio that you started in EUN101.

EUN122 Curriculum and Pedagogy 3: Assessment

| | |
|----------------|--|
| Pre-requisites | EUN120 |
| Co-requisites | EUN121 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

In conjunction with EUN121, this unit will extend upon your foundational knowledge of curriculum and pedagogy developed in EUN120. This unit will provide you with a theoretically framed opportunity to deeply explore the assessment intentions and subject matter of the junior secondary curriculum (Years 7-10). Through the unit's structured learning activities you will develop knowledge and skill in the design of responsive and valid assessment within associated learning sequences. As you develop your skills in assessment (diagnostic, formative and summative, and informal and formal) and planning, you will consider principles of authentic assessment and Quality Differentiated Teaching practice; and the implications that assessment data will have upon your teaching, preparing you for your first and subsequent professional experiences. Your knowledge and skill will be further developed in future units in which you will consider learning in senior secondary settings.

EUN130 Professional Experience: Introduction to Professional Practice

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| Pre-requisites | EUN101 and (EUN106 or EUN120) |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

This unit prepares you for your first professional experience placement. You'll make links between theory and practice in the field to become critically aware of the influences on a teacher's decision-making. Your beginning understandings support positive learner behaviours and children/student well-being to plan, implement and manage positive learning experiences in a diverse range of educational settings. You'll learn about verbal and non-verbal communication strategies to support student engagement and develop knowledge of practical approaches to manage challenging behaviour / strategies to support young children and students' well-being. You'll learn about student safety working within the site, system, curriculum and legislative requirements and develop your e-portfolio. It incorporates a 15 day professional experience. Early Childhood students also complete professional experience (10 days) in an Early Childhood Setting (Birth - 2).

EUN201 English, Language and Literacies 2

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|----------------|--|
| Pre-requisites | EUN106 or CRN650 or EAN651 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit further develops your knowledge, skills and application for teaching English language, literature and literacy. The unit focuses on textual knowledge and skills, planning a unit of work involving multimodal texts, and children's writing development. It links to the work previously undertaken in English Language and Literacies 1. If you selected English/literacy as your primary specialisation, additional online modules will be attached to this unit. These modules examine your content and pedagogical knowledge in your chosen primary specialisation. Your primary specialisation will also relate to professional experience units and the final capstone unit where the teacher performance assessment is embedded (EUN240 Teachers Researching Practice).

EUN202 Mathematics and Numeracy 2

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|----------------|--|
| Pre-requisites | EUN107 or EAN650 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit builds on previous

study to assist you with developing a more holistic understanding of mathematics and numeracy, and of yourself as a learner through extended exploration of curriculum, assessment, children's understanding and teacher instruction. Specific content includes the exploration of mathematical meanings of geometry, algebra, statistics and probability and their application to your life, society and educational contexts for children. If you selected Maths/numeracy as your primary specialisation, additional online modules will be attached to this unit. These modules examine your content and pedagogical knowledge in your chosen primary specialisation. Your primary specialisation will also relate to professional experience units (EUN231 Professional Experience: Informing Professional Practice and EUN232 Professional Experience: Transition to Professional Practice) and the final capstone unit where the teacher performance assessment is embedded (EUN240 Teachers Researching Practice).

EUN203 Wellbeing, Health and Physical Education Curriculum Studies

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

This early childhood and

primary wellbeing, health and physical education unit will equip you with professional knowledge, skills and dispositions for understanding pedagogically appropriate ways to implement child wellbeing, health and physical education (HPE) in before-school and primary school contexts. In addition, you will engage with and apply health and physical development related principles from the Early Years Learning Framework (EYLF) for children aged birth-5 years, and the Australian Curriculum Health and Physical Education: Foundation to Year 6. The unit presents a clear case for adopting evidence and inquiry based principles, policies, and practices to provide relevant, engaging, contemporary, physically active, enjoyable and developmentally appropriate learning experiences for children aged birth-12 years. Work in this unit will be added to your eportfolio that you started in EUN101.

EUN204 Humanities and Social Sciences Curriculum Studies

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

This unit assumes familiarity with the structure and intent of the Australian Curriculum (F-6), the Early Years Learning Framework and the Queensland Kindergarten Learning Guideline. This unit focuses on the

teaching/learning approaches and curriculum documents associated with Humanities and Social Sciences (HASS). There is an emphasis on the links between the theories informing history, geography and civics education and the disciplinary basis of such subjects. The unit will develop your knowledge of the relevant curriculum documents and pedagogy to teach key concepts, content and skills in history, geography, civics, economics and business in early childhood and primary school settings. An integrated inquiry approach is used to develop students' critical and creative thinking skills and to enable them to be proactive and informed citizens. You'll participate in assessment marking and quality assurance processes and learn how to deal with parents/carers about assessment issues.

EUN205 Arts Curriculum

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|----------------|--|
| Credit Points | 6 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - 5TP2 External - 5TP2 |

This six-week unit examines the basic elements and concepts relevant to the Arts, including dance, drama, media arts, music and visual arts. The unit provides opportunities for practical exploration of art forms through problem-finding, problem-solving and inquiry-based approaches to learning. This unit challenges you to interrogate a broad range of ideas, principles and guidelines

to assist you in making decisions about curriculum and planning in the Arts. You will be introduced to relevant Arts pedagogies across developmental phases, emphasising the role of the Arts in society, to other key learning areas, and in the care and education of children aged birth to 12 years.

EUN206 Design and Technologies

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|----------------|--|
| Credit Points | 6 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - 5TP3 External - 5TP3 |

This six-week unit will develop your knowledge of the "Technologies" Learning Area of the Australian Curriculum and the associated pedagogy required to teach this in primary and early childhood settings. You will learn how to develop design thinking and computational thinking in your future students, which enable them to create designed solutions that address authentic problems and opportunities. Learning activities in the unit are based upon constructivist learning theories and focus strongly on hands-on engagement that lead to solutions in response to real world design challenges. The unit makes explicit connections with some of the concepts and ideas that you developed in mathematics, science and the digital literacies unit (EUN101 Supporting Innovative Pedagogy with Digital

Technologies).

EUN211 Understanding Adolescent Learners

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|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit further develops your knowledge of the developmental, socio-emotional and learning characteristics of adolescent learners. It is aimed at developing a strong understanding of the key factors for consideration in supporting adolescent learners within Secondary school classrooms. This unit explores the theoretical base of adolescent development and learning and looks for ways to apply these understandings to the practical elements of teaching.

EUN221 Curriculum and Pedagogy 4: Senior A

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|----------------|--|
| Pre-requisites | EUN121 and EUN122 |
| Co-requisites | EUN222 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit builds on your knowledge, understanding and skills from EUN120 Curriculum and Pedagogy 1: Foundations, EUN121 Curriculum and Pedagogy 2: Planning and EUN122 Curriculum and Pedagogy 3: Assessment and

applies it to teaching in the senior school. It focuses on the requirements of official senior syllabi with regard to teaching, learning and assessment in discipline-specific subjects in years 11-12. The unit introduces you to the ways in which these principles and pedagogical requirements can be interpreted into meaningful classroom practice in curricula typically encountered in the senior years in your specific discipline. The foundations developed in this unit will be further deepened in EUN222 Curriculum and Pedagogy 5: Senior B and EUN223 Curriculum and Pedagogy 6: Learning Project.

EUN222 Curriculum and Pedagogy 5: Senior B

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|----------------|--|
| Pre-requisites | EUN121 and EUN122 |
| Co-requisites | EUN221 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit builds on EUN120 Curriculum and Pedagogy 1: Foundations, EUN121 Curriculum and Pedagogy 2: Planning, EUN122 Curriculum and Pedagogy 3: Assessment and EUN221 Curriculum and Pedagogy 4: Senior A and deepens your knowledge, understanding and skills in relation to teaching in the senior school. It further explores the requirements of senior syllabi with regard to teaching, learning and assessment in discipline-

specific subjects in years 11-12. The unit extends your knowledge of the ways in which these principles and pedagogical requirements can be interpreted into meaningful classroom practice in curricula typically encountered at this level in your specific discipline. This more sophisticated appreciation of senior education will be developed further in EUN223 Curriculum and Pedagogy 6: Learning Project.

EUN223 Curriculum and Pedagogy 6: Learning Project

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

This capstone unit provides you with opportunities to draw on the skills, knowledge and resources you have developed over this course to research and plan an independent curriculum and pedagogy project aligned with one or both of your teaching areas. The scope of the project will be negotiated with teaching staff, though options may include investigating a topical curriculum-related issue, a resource or program for classroom use, or critically examining an education context or policy area. As a culminating unit in this course, EUN223 encourages you to integrate and apply your understandings from completed units in the process of researching and planning how your project can be

implemented in a way that shows how you have taken these understandings forward as a classroom-ready teacher. You are expected to demonstrate a high level of autonomy, to synthesise your understandings of theory and practice and to reflect on your own development as an educator.

EUN231 Professional Experience: Informing Professional Practice

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| Pre-requisites | EUN105 and EUN130 and a recorded attempt of both components of LANTITE |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit further develops your knowledge, skills and understandings of professional practice in the field. The unit focuses on enhancing your understandings of learners; creating curriculum; documenting and assessing learning; providing learners with feedback; and, planning for learners in alignment with individual and group needs and interests, as well as, curriculum and professional expectations. The unit extends on your research skills to include action research in the field and you will use data collection and analysis to inform your teaching practice.

EUN232 Professional Experience: Transition to Professional Practice

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| Pre-requisites | EUN231 and (one of EUN301, EUN302, |
|----------------|------------------------------------|

Units

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| | EUN303, EUN222) and successful completion of both components of LANTITE |
| Co-requisites | EUN240 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

This final professional experience unit is at the conclusion of your course and provides you with opportunities to reflect, focus and synthesise your prior university and placement experiences in relation to the Graduate level of the Australian Professional Standards for Teachers. It allows you to measure your knowledge, skills and ability in relation to the standards and to reflect on your course experiences and prepare you to enter the teaching profession. The unit incorporates a 25 day professional experience placement (30 days for EU30 students who have only previously successfully completed 30 days of professional experience exclusive of birth-2 settings). This is a research unit as part of AQF-level 9.

EUN233 Professional Experience: Transition to the Profession

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - 5TP1, SEM-2 External - 5TP1, SEM-2 |

This unit is the capstone for the

course. You'll be required to demonstrate achievement of the graduate level of the APSTs, through engagement in a workshop, completion of professional experience & submission of a capstone assessment piece. The unit provides a means of transition from pre-service teachers to the role of a professional educator who'll work across diverse contexts & settings. It focuses on transition to the teaching profession & preparation & completion of a successful 25 day final professional experience placement. It provides opportunities to reflect, focus & synthesise knowledge & course experiences as you complete your studies & prepare to enter a teaching career. The final year Quality Teaching Performance Assessment (QTPA) is a course requirement situated in this unit & is an assessment of teaching performance designed to measure your knowledge, skills & ability in relation to the graduate level of the APSTs.

EUN240 Teachers Researching Practice

| | |
|----------------|--|
| Pre-requisites | Successful completion of 144cp |
| Co-requisites | EUN232 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

This capstone unit will assist you in further developing your knowledge, skills and

application of contemporary research in education contexts designed to positively impact student learning. The final year Quality Teaching Performance Assessment (QTPA) is a course requirement that is situated within this unit. The QTPA is an assessment of teaching performance that is designed to measure your knowledge, skills and ability with relation to the Graduate level of the Australian Professional Standards for Teachers. The unit links to the work previously undertaken throughout your course. Data required for the assessment of this unit must be collected during your final professional experience unit - EUN232. If you are an EU30 or EU40 student, your Professional Practice Folder must relate to your primary specialisation. This is a research unit as part of AQF-level 9.

EUN301 English/Literacy Primary Specialisation 1

| | |
|----------------|-----------------------------------|
| Credit Points | 0 |
| Campus | Kelvin Grove and External |
| Availabilities | External - SEM-1, SEM-2 |

This unit contains Modules 1-4 in the English/Literacy primary specialisation.

EUN302 Maths/Numeracy Primary Specialisation 1

| | |
|----------------|-----------------------------------|
| Credit Points | 0 |
| Campus | Kelvin Grove and External |
| Availabilities | External - SEM-1, SEM-2 |

This unit contains Modules 1-4 in the Maths/Numeracy primary

Units

specialisation.

EUN303 Science Primary Specialisation 1

| | |
|----------------|-----------------------------------|
| Credit Points | 0 |
| Campus | Kelvin Grove and External |
| Availabilities | External - SEM-1, SEM-2 |

This unit contains Modules 1-4 in the Science primary specialisation.

EUN304 English/Literacy Primary Specialisation 2

| | |
|----------------|----------------------------|
| Pre-requisites | EUN301 |
| Credit Points | 0 |
| Campus | External |
| Availabilities | External - SEM-2 |

This unit contains Modules 5-7 in the English/Literacy primary specialisation.

EUN305 Maths/Numeracy Primary Specialisation 2

| | |
|----------------|----------------------------|
| Pre-requisites | EUN302 |
| Credit Points | 0 |
| Campus | External |
| Availabilities | External - SEM-2 |

This unit is used for administrative purposes to record the outcomes of modules 5-7 in the Maths/Numeracy primary specialisation.

EUN306 Science Primary Specialisation 2

| | |
|----------------|---------------------------|
| Pre-requisites | EUN303 |
| Credit Points | 0 |
| Campus | Kelvin Grove and External |
| Availabilities | External |

es - SEM-1, SEM-2

This unit contains Modules 5-7 in the Science primary specialisation.

EUN601 Developmental and Educational Assessment

| | |
|----------------|--------------------------------|
| Equivalent s | LCN625 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit provides you with an opportunity for advanced study of principles and methods for assessing individual development and personal characteristics. Underlying this unit is the assumption that the purpose of assessment is to collect information that will be used to design interventions.

EUN602 Interventions in Educational and Developmental Psychology

| | |
|----------------|--------------------------------|
| Equivalent s | LCN626 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit aims to equip you with a range of applied strategies for evidence-based prevention and intervention within educational and developmental contexts. Practical skills need to be founded on a deep conceptual understanding of the links between assessment and intervention.

EUN603 Learning Difficulties: Assessment and Intervention

| | |
|------|--------|
| Pre- | EUN601 |
|------|--------|

| | |
|----------------|--------------------------------|
| requisites | |
| Equivalent s | LCN627 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Educational and developmental psychologists often work with children, adolescents and adults who have learning difficulties. Consequently they need an understanding of learning processes and the nature of specific learning difficulties. This unit provides you with the opportunity for foundation study in the assessment of learning difficulties and methods of intervention. This unit will provide you with a sound knowledge of learning processes, and methods for assessing individuals with learning difficulties. It also introduces students to a variety of appropriate interventions for individuals with learning difficulties and associated impairments.

EUN604 Developmental Processes and Disability

| | |
|----------------|--------------------------------|
| Equivalent s | LCN628 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit aims to equip you with a sound framework on which to base their professional practice. Working effectively with individuals with a range of disabilities, their families, schools and communities requires knowledge about the

ways in which development may be compromised by disability, and the ways in which contextual influences contribute to developmental outcomes.

EUN617 Managing and Organising Collections

| | |
|----------------|----------------------------|
| Equivalent s | INN533 and IFN617 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-2 |

Developing, managing and organising collections are primary functions of libraries, archives, information organisations, and other collecting institutions. All information professionals - regardless of context or specialisations - must understand the principles and practices of managing and organising collections. This introductory unit focuses on identifying and meeting the information needs of diverse user groups to inform collecting and organising practices. It provides you with an opportunity to develop understanding of practice and theory related to: collecting policies and strategies; methods for acquiring resources, developing and managing collections; and standards for resource description and organisation. The unit allows students to explore the link between user needs and collecting practices, which is critical to ensure collections are designed and delivered to meet the needs of users, and in turn, that users

can make effective use of them.

EUN631 STEM for 21st Century Learners

| | |
|----------------|--|
| Equivalent s | CRZ631 |
| Credit Points | 6 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - 5TP4, 6TP2 External - 5TP4, 5TP8 |

STEM provides a disciplinary context through which learners of all ages, in formal and informal settings, can develop what are often referred to as “21st Century Skills” and which include collaborating and communicating in multi-disciplinary teams, critical and creative thinking, innovation and entrepreneurship, and digital fluency. In turn, the development of these skills supports the development and enhancement of conceptual understanding across the STEM disciplines. This unit, the first in the STEM in Education study area, introduces a conceptual framework for STEM in Education that is common to all units in the study area and which will underpin the learning and application of ideas about STEM education.

EUN632 Digital Fluency for STEM Learning

| | |
|----------------|---------------------------|
| Pre-requisites | EUN631 |
| Equivalent s | CRZ632 |
| Credit Points | 6 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove |

| | |
|----|---|
| es | - 5TP4, 5TP8 External - 5TP4, 5TP8 |
|----|---|

Digital technologies are a pervasive and integral part of most societies and it is imperative that learners be afforded the opportunity to use these technologies in their learning of STEM. Learning about various digital technologies relevant to STEM teaching and learning and using technologies for online knowledge sharing will be significant parts of this unit. The exploration of digital technologies as tools for learning and the development of fluency in using these technologies underpins the critical consideration of how these technologies can be used to develop learners' connected STEM understanding and skills.

EUN633 Thinking in STEM

| | |
|----------------|--|
| Pre-requisites | EUN631 can be enrolled in the same teaching period as EUN633 |
| Equivalent s | CRZ633 |
| Credit Points | 6 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - 6TP2 External - 5TP6, 6TP2 |

STEM curricula make various references to types of discipline-specific thinking (e.g., mathematical modelling, scientific inquiry, systems thinking, computational thinking, and design thinking), as well as the more general skills of critical and creative thinking, collaboration and communication. Understanding

Units

such types of thinking supports a connected approach to STEM teaching and learning.

EUN634 STEM Pedagogies

| | |
|-----------------|--|
| Pre-requisites | EUN631 |
| Equivalent s | CRZ634 |
| Credit Points | 6 |
| Campus | Kelvin Grove and External |
| Availabiliti es | Kelvin Grove - 5TP4 External - 5TP4, 5TP8 |

Productive work in the STEM fields is often associated with some form of question-posing and problem solving, and authentic STEM learning hinges on learners curiously inquiring into the world around them. Pedagogies have been developed that can be used in STEM education to promote such inquiry-oriented learning, including those that make significant use of digital technologies to support learning. Through such learning approaches, learners not only develop understanding about STEM concepts and propose solutions to problems, but they also authentically develop various higher-order thinking skills.

EUN635 Assessment and STEM Learning

| | |
|-----------------|---|
| Pre-requisites | EUN631 and EUN632 and EUN633 and EUN634. EUN631 can be enrolled in the same teaching period as EUN635 |
| Equivalent s | CRZ635 |
| Credit Points | 6 |
| Campus | Kelvin Grove and External |
| Availabiliti es | Kelvin Grove |

| | |
|----|---|
| es | - 5TP6, 6TP2 External - 5TP6, 6TP2 |
|----|---|

Backward-design of learning involves firstly identifying the desired learning goals and establishing how the learner will demonstrate achievement of the goals, and then planning a sequence of instruction that will enable learners to develop the understanding and skills needed to demonstrate achievement of the learning goals. Taking such an approach ensures that the intentions of STEM curricula are enacted and the desired development of a connected understanding of STEM knowledge and skills, including the 21st century skills, is achieved.

EUN636 Designing for Connected STEM Understanding

| | |
|-----------------|--|
| Pre-requisites | EUN631 and EUN632 and EUN633 and EUN634 |
| Equivalent s | CRZ636 |
| Credit Points | 6 |
| Campus | Kelvin Grove and External |
| Availabiliti es | Kelvin Grove - 5TP4, 5TP8 External - 5TP4, 5TP8 |

There are numerous overlaps and interconnections between the content knowledge and skills of each STEM discipline, and in turn discipline-specific curricula. In this unit, you will focus on developing your ability to identify content and skill based conceptual connections within and between the STEM disciplines. From this, you will then consider defining learning goals that are aligned to the

content and skills of the disciplines (including the connections you've identified), and then designing transdisciplinary curriculum and instruction that is aligned to the learning goals and which will develop your learners' connected STEM understanding and skills.

EUN637 STEM Inquiry Experience

| | |
|-----------------|---|
| Pre-requisites | EUN631 and EUN632 and EUN633 and EUN634. EUN631 can be enrolled in the same teaching period as EUN637 |
| Equivalent s | CRZ637 |
| Credit Points | 6 |
| Campus | Kelvin Grove and External |
| Availabiliti es | Kelvin Grove - 5TP6, 6TP2 External - 5TP6, 6TP2 |

STEM-based industries bring together experts from the various STEM disciplines to collaboratively solve problems, including the creation of new knowledge and products. Experiencing the real-world application of STEM knowledge and skill provides a basis for the design and implementation of authentic learning that achieves the intentions of STEM curricula.

EUN638 Applied STEM in Education

| | |
|----------------|--|
| Pre-requisites | EUN631 and EUN632 and EUN633 and EUN634 and EUN635 and EUN636 and EUN637. EUN636 can be enrolled in the same teaching period as EUN638 |
| Equivalent s | CRZ638 |
| Credit Points | 6 |

Units

| | |
|----------------|--|
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - 5TP4, 5TP8 External - 5TP4, 5TP8 |

This unit is the capstone unit of the STEM in Education study area. In this unit you will draw upon your STEM pedagogical content knowledge and skill, your knowledge of digital technology as a tool for learning, and your previous experiences of STEM problem-solving activities and work, to construct a strategic plan to advance STEM Education in your particular education context. This plan will incorporate principles and practices of STEM in Education that have been developed throughout the units of the study area, including the development of learners' transdisciplinary, connected understanding of the knowledge and skills of STEM. Your strategic plan will be aligned to relevant STEM curricula.

EUQ640 Introductory Educational Counselling

| | |
|----------------|-------------------------|
| Equivalent s | LCN636 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES3 |

EUQ641 Career Development Theory and Policy

| | |
|----------------|-------------------------|
| Equivalent s | LCN637 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES3 |

In this unit you will consider career development theory, practice, policy and research. Career development is a broad and constantly evolving field which is relevant to all individuals. Recent developments in education and employment highlight the importance for all educators and related career practitioners to be equipped to effectively prepare people for a rapidly changing world of work. This unit provides an overview of the field and an introduction to areas developed in subsequent units. The unit is designed to be studied at the beginning or close to the beginning of the overall course of studies with a career major, as it provides foundational information and scope for the other careers units which are in the Graduate Certificate and Master of Education qualification. The breadth and depth of the material creates a solid platform on which students can build their career major and enhance their knowledge of this field.

EUQ642 Career Development and Professional Practice

| | |
|----------------|-------------------------|
| Equivalent s | LCN621 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES4 |

In this unit you will consider lifelong learning within the context of career. You will develop knowledge and skills which will enable you to lead the delivery of career development programs to a

wide ranging clientele. The importance of effective and theoretically based career programs in preparing all individuals for lifelong career decision-making has long been recognised. As a practitioner, you need to develop skills to create innovative and flexible programs which will meet individual needs and have a solid theoretical foundation as the basis of your practice. You will consider the means by which varied theories and models of career development can inform your practice. This unit will enable you to make connections between the theoretical foundations laid down in EUQ641 and the construction of effective career development programs which foster personal understandings of career, encourage individual construction of career and which are appropriate for diverse groups.

EUQ643 Career Counselling

| | |
|----------------|-------------------------|
| Equivalent s | LCN622 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES4 |

In this unit you will consider and critically evaluate a range of counselling perspectives in order to formulate a position with respect to your own career counselling practice. Career counselling, a key strategy in assisting individuals to understand their career decision-making, refers to an interpersonal process which may be conducted in individual or small group settings.

Units

counselling adopts methods of personal counselling in exploring career development issues and is increasingly being conceptualised as a learning process, with the career counsellor as a facilitator. This unit will enable you to consider traditional and emerging career counselling processes, to develop advanced skills in communication and counselling, and develop relevant aspects of ethical practice. This unit is designed to build upon the theoretical foundations which have been established in EUQ641 and will enable you to connect these theoretical frameworks to your career counselling practice.

EUQ648 Designing for Learning

| | |
|----------------|-------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES3 |

In this unit, learning theory will be reviewed with a focus on understanding how theory informs the design and development of adult learning. You will review strategies and technologies that are used to engage learners and evaluate frameworks for learning design. You will collaboratively engage in a learning community with peers and facilitators to consider, explore, reflect and design appropriate learning environments.

EUQ649 Authentic Learning and Assessment

| | |
|---------------|----|
| Credit Points | 12 |
|---------------|----|

| | |
|----------------|-------------------------|
| Campus | Online |
| Availabilities | Online - SES3 |

In this unit, you will consider the theory and practice of assessment and feedback, and the principles and practice that govern quality assessment and evaluation. You will evaluate how assessment design supports learning and how it can work in an online environment. You will work collaboratively in a learning community with peers and facilitators to design authentic assessment that is based on stakeholder requirements, using tools, media and technologies where appropriate and reflect on your own experience of assessment.

EUQ650 Future Trends in Learning Design

| | |
|----------------|-------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES4 |

In this unit, you will build on your understanding of contemporary learning theory. You will consider how technology might be leveraged to enhance and transform learning. You will work collaboratively in a learning community with peers and facilitators to consider emerging trends, that will shape the future of learning. You will evaluate open education resources and data analytics and consider the importance of future trends in teaching and learning.

EUQ651 Learning Design Project

| | |
|----------------|-------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES4 |

This is a project-based unit that enables you to demonstrate your advanced understanding of innovative learning design in an authentic context. You will work directly with an industry or community partner to design an agreed learning experience that applies andragogical and pedagogical design principles, authentic assessment, feedback and embeds technologies appropriately. You will also consider how to evaluate the learning design and embed factors to support learning analytics.

EVB102 Ecosystems and the Environment

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

Like all other species on the planet, humans extract energy and materials from their surrounding environment and as a result of that activity, modify ecosystems. We are part of the earth's ecological systems, and our ability to understand and manage our impact on the environment must be based on a sound knowledge of ecosystems ecology. This first year unit provides an introduction to ecosystems science through a

series of lectures, workshops and field work. The unit focuses on broad-scale factors that shape ecosystems, such as energy transfer, materials cycling, climate and soils and examines the ecological patterns that emerge as a result. This knowledge is then used to assess ecosystem change and human impact on the environment. This foundational unit is relevant to environmental science and biology students and those with an interest in understanding the natural science components of sustainability.

EVB203 Geospatial Information Science

| | |
|-----------------|--|
| Pre-requisites | ERB101 or EVB102 |
| Equivalent s | UDB181 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit encourages spatial thinking by introducing geographic information sources, presentation and basic spatial data collection skills. It explores real world applications of geographical information technologies including GIS, remote sensing and global positioning system for scientific understanding of the environment. It builds on knowledge and skills from Ecosystems and the Environment (EVB102) or Earth Systems (ERB101) from first year.

EVB210 Geospatial Mapping

| | |
|-----------------|--|
| Equivalent s | UDB381 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit will provide the student with a sound knowledge and understanding of cartographic communication principles, processes and contemporary presentation methods in a variety of mapping formats applied to Geospatial Information.

EVB211 Geographic Information Systems and Science

| | |
|-----------------|--|
| Equivalent s | UDB281 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit provides a theoretical and practical introduction into geographic information systems and science that incorporates modern processes of acquisition, manipulation, validation, storage, extraction, analysis, modelling and presentation of spatial information.

EVB221 Remote Sensing of the Environment

| | |
|---------------|--------------------------------------|
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |

| | |
|-----------------|--|
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |
|-----------------|--|

This Unit provides an introduction to Earth observation using remote sensing that includes properties of the basic resolutions of remote sensing, and interaction of the electromagnetic radiation (EMR) with different features and phenomena. The technology and science that allow data collection, calibration and analysis are covered using a range of satellite and sub-orbital imagery sources. Students develop digital image processing and classification workflows to prepare and present geospatial information products with quantified accuracy. Students also develop and demonstrate their ability to use spectrophotometers, active remote sensing platforms and modern digital photogrammetry workflows. Students will be able to accurately use and create remotely sensed information products suitable to other geospatial and environmental applications. This Unit applies theoretical concepts to develop basic remote sensing skills suited to a range of environmental and development related fields.

EVB222 Spatial Analysis and Modelling Practice

| | |
|----------------|--------|
| Pre-requisites | EVB211 |
| Equivalent s | UDB388 |
| Credit Points | 12 |

Units

| | |
|----------------|---------------------------------|
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Spatial Analysis is a rapidly evolving area of expertise aiming at using analytic approaches for describing spatial distributions and patterns, and analysing relationships of geographic features. This unit builds on EVB211 - Geographic Information Systems and Science, to further develop your theoretical knowledge and practical skills in spatial analysis as a support for decision-making and for spatial planning in different applied disciplines. Upon completing this unit you will demonstrate intermediate-advanced skills in acquiring, extracting, storing, analysing, modelling and presenting spatial information in a GIS environment and some knowledge of spatial analysis in R.

EVB302 Environmental Pollution

| | |
|----------------|--|
| Pre-requisites | BVB202 or MZB126 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit deals with major problems of pollution of water, the land surface and the atmosphere. It covers processes responsible for the occurrence and release of pollutants in the environment, dispersion mechanisms, the hazards associated with

different types of pollutant, accumulation of toxic substances, and procedures for the reduction of emissions and remediation of contaminated environments. It applies your learning from the Quantitative Skills in Environmental Science unit, EVB202 to assess and report on environmental pollution.

EVB304 Case Studies in Environmental Science

| | |
|----------------|--|
| Pre-requisites | BVB202 and EVB302 and (EVB212 or EVB312 or BVB311) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This capstone unit requires you to think critically about an important problem in environmental science and to integrate the knowledge gained through earlier units to provide an effective solution. You will identify and research a real world environmental problem, apply your knowledge of quantitative techniques and experimental design and think critically to address the problem and provide an answer to the research question posed. Through critical analysis and reflection on your work and that of your peers, you will gain a deeper understanding of the scientific method and its application to environmental science.

EVB312 Soils and the Environment

| | |
|-----------------|---|
| Pre-requisites | ERB101 |
| Anti-requisites | EVB212 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-2 |

This unit will provide you with grounding in soil science and its application to environmental soil analysis and management, the importance of soil for ecosystem function in a changing environment, and the critical role of soils in the context of climate change. The unit links biological, ecological and geological systems and contributes to your understanding of the complexity of environmental systems in general.

GSN403 Data Analysis and Decision Making

| | |
|----------------|--------------------------------------|
| Pre-requisites | GSN405 |
| Equivalent | GSZ403 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP1, 6TP4 |

Business Leaders and managers work in complex business environments, in the era of Big Data, where mind-boggling volumes data and information is generated daily on just about every aspect of the business and the economy. The Data Analysis and Decision Making unit provides students with the

opportunity to learn how to make effective business decisions based on the application of a number of standard data analysis techniques to real world business problems. This unit provides students with the opportunity to integrate and draw upon their disciplinary knowledge in analysing data and making decisions.

GSN404 Accounting for Decision Making

| | |
|-----------------|--------------------------------------|
| Anti-requisites | GSN202 |
| Equivalent s | GSZ404 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP3, 6TP6 |

This unit is in the MBA program to equip students with knowledge and skills needed to undertake budgeting and cost control accounting activities that support the broader operational decision making processes. The unit will assist students to assess and understand the financial position and performance of an entity, and to make informed predictions about its future directions, based on the information contained within published accounting reports and the application of foundational fundamental analysis techniques. The unit's aim is to provide business owners, managers and potential investors with an understanding of financial statements and to develop knowledge, understanding and ability to apply financial

statement analysis in business decision making activities. The unit is taught in the early phases of the MBA program to help students broaden their knowledge and understanding of business, providing a foundation for later units in the program that rely on analysis of financial data.

GSN405 Strategic Management

| | |
|-----------------|--------------------------------------|
| Anti-requisites | GSZ602 |
| Equivalent s | GSZ405 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP2, 6TP5 |

In a complex society where change is occurring with increasing frequency, strategy has never had greater significance, nor has it been more challenging. The range of local, national and international issues confronting business is both complex and diverse. The need for a strategic framework for overall direction, decision-making, and alignment with the environment is essential. Successful enterprises, no matter the sector they operate in, reflect a strategic thinking, and orientation. That there is no one right strategy is explored in context of the differences within industries and organisations, as is the alignment of organisational competencies and capabilities with the external environment, the vision, and the intent of organisational purpose.

GSN406 Contemporary Human Resource Management Issues

| | |
|----------------|--------------------------------------|
| Equivalent s | GSZ406 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP3, 6TP6 |

The aim of this unit is to provide managers with an understanding of some of the key issues affecting managing human resources and how to leverage the knowledge and skills of the Human Resources function within their organisation to achieve the strategic outcomes for the organisation. It explores in detail a number of contemporary HR issues facing firms in the context of a changing and dynamic environment and is designed to build awareness of those issues and build contextually specific solutions to those issues in diverse industry contexts. The unit has been included in the core of the MBA program to allow students to build on preceding core units, particularly those relating to strategic management and organisational behaviour.

GSN407 Communicating to Influence

| | |
|-----------------|--------------------------------------|
| Anti-requisites | GSZ603 |
| Equivalent s | GSZ407 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP3, 6TP6 |

The use of communication skills underpins almost every aspect of business. It is critical

that business leaders and managers develop highly effective and persuasive oral, written and technology enabled communication skills. The aim of this unit is to equip students with a thorough knowledge and the skills to be able to communicate effectively in oral, written and technology enabled forms. This unit is included in the MBA program to build upon students' existing oral, written and technology enabled professional communication skills. The unit also aims to encourage 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. This unit is positioned at the beginning of the MBA program to provide students with the opportunity to reinforce and further develop their communication skills through the discipline specific units throughout the MBA program.

GSN408 Marketing Strategically

| | |
|----------------|--------------------------------------|
| Equivalent s | GSZ408 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP2, 6TP5 |

Marketing is at the heart of business success or failure. If the business does not do marketing well, it will almost certainly fail in a globally competitive business environment. All other functional areas of the business are secondary if there

is no demand for the organisation's products. Marketing has implications for all other aspects of the business, and vice versa. Thus, managers working in any business discipline must gain an appreciation of marketing strategy and tactics, with a view to creating value. This unit is included in the program as every organization, whether large or small, private or public, governmental or NGO, for profit or not-for-profit, requires knowledge of their customers and of the value they are creating. Marketing crosses disciplinary areas, and future units will draw on the foundational knowledge and skills in creating value. This unit is included at this point in the program to draw upon earlier learning in the program and to develop marketing strategy knowledge and skills that will be further built upon in later units in the program.

GSN409 Understanding and Leading Others

| | |
|-----------------|--------------------------------------|
| Pre-requisites | GSN497 |
| Anti-requisites | MGN412, BSN202 |
| Equivalent s | GSZ409 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP1, 6TP4 |

The Understanding and Leading Others unit will help students to be able to identify, assess and understand the factors that influence the thoughts, feelings, motivations and actions of individuals in the

workplace. Students will then have the opportunity to apply these insights into human behaviour within organisations to determine the most effective strategies and courses of action for maximising the potential of individuals and to lead and build high performing face-to-face and virtual teams.

GSN410 Entrepreneurship

| | |
|-----------------|--------------------------------------|
| Anti-requisites | MGN428 |
| Equivalent s | GSZ410 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP1, 6TP4 |

The Entrepreneurship unit introduces students to the field of entrepreneurship and the management of innovation. Through the study of this unit, students will be able to develop an understanding of entrepreneurial attitudes, abilities, behaviours and culture and explore a range of issues related to opportunity recognition, viability screening for sustainable competitive advantage, risk recognition and mitigation, intellectual property protection and developing a business model for a new enterprise.

GSN412 Business Law

| | |
|-----------------|--------------------------------------|
| Anti-requisites | AYN410, EFN413 |
| Equivalent s | GSZ412 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP3, 6TP6 |

It is essential for managers and business leaders to have a fundamental understanding of the legal context in which they operate to ensure their rights and the rights of their organisations are protected, to avoid transactional problems arising over the course of their business dealings and to identify when professional legal expertise should be sought. This unit emphasise the reasoning process that lawyers follow. It is not designed to turn students into legal experts but is included in the program to provide students with foundational knowledge and understanding of regulatory frameworks that impact Australia's businesses and to foster awareness of emerging global trends in commercial dealings. This unit is positioned mid-way in the program as a study of business law requires students to have a broad multidisciplinary, 'big picture' understanding of businesses and how they operate. This unit provides a solid foundation for a later unit GSN/Z473 Corporate Governance and Accountability.

GSN413 Financial Management

| | |
|-----------------|--------------------------------------|
| Pre-requisites | GSN403 |
| Anti-requisites | EFN406 |
| Equivalent s | GSZ413 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - 6TP2, 6TP5 |

The aim of this particular unit is to help managers develop an

understanding of the national and international financial environment, from a personal and business perspective and the implications for decision making within their organisations. This unit is included in this program to provide students with a grounding in applied finance, addressing the fundamental issues of how we can use finance in a commercial sense and how this impacts critical organisational and managerial decisions in an increasingly complex and demanding financial environment. This unit has been positioned in the latter part of the program, as the study of Financial Management requires students to have a broad multidisciplinary, 'big picture' understanding of businesses and how they operate. The positioning of this unit allows students to draw and build upon their learning two earlier units GSN404 Accounting for Decision Making and GSN403 Data Analysis and Decision Making.

GSN415 Understanding Leadership and Complexity

| | |
|-----------------|--------------------------------------|
| Pre-requisites | GSN409 |
| Equivalent s | GSZ415 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - 6TP3, 6TP6 |

In this unit we will explore the various ways of defining and understanding leadership. The focus of this unit will be to build on your growing self-

awareness and improve your capacity to understand, communicate and influence the people you will lead in your own complex business environment. The aim of this unit is to develop your leadership ability, utilising a conceptual framework for self-understanding and the development of the requisite knowledge, skills and attitudes required to successfully lead in your own business environment. This unit is positioned towards the end the program to build upon and extend your knowledge of leadership that you have already gained in the earlier leadership units GSN497 Personal Leadership Development and Change and GSN409 Understanding and Leading Others. This unit will complete the triad of awareness (self, others and wider world) that leaders require to analyse, innovate and lead effective organisations.

GSN428 International Study Tour

| | |
|-----------------|--|
| Equivalent s | GSZ428, GSZ429 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - 6TP2 (Block), 6TP3 (Block) |

GSN444 Special Topic 1

| | |
|-----------------|--|
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - 6TP1, 6TP2, 6TP3, 6TP4, 6TP5, 6TP6 |

The consistent uncovering of the unethical conduct of leaders and personnel within the corporate and sporting worlds, as well as governments, combined with an increasingly well informed and ethically aware public, points squarely at unethical behavior as a critical risk to business success. To address that critical risk organisations and those who aspire to leading them must develop and implement effective strategies to promote ethical conduct and decision making. This unit will provide participants with knowledge concerning, and the opportunity to practice the skills they need to create organisations resistant to misconduct which actively discourage unethical conduct and achieve success through ethical leadership and practice.

GSN445 Special Topic 2

| | |
|----------------|--|
| Equivalent s | GSZ445 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP1, 6TP2, 6TP3, 6TP4, 6TP5, 6TP6 |

Successful business leaders are able to identify, harness and further develop the capabilities of their team. This unit is designed to build upon the earlier unit GSN497 Personal Leadership and Change and will allow you to reflect on real leadership practice. The unit is completed in two phases (training / fundraising and participating in the 55km Oxfam Trailwalker event. It is a clear expectation

that you will commit to both phases of the unit. By combining the experiential and emergent nature of a psychologically and physically demanding outdoor activity with the theory of adaptive challenge, response and engagement, this unit seeks for further develop individual leadership capability and skills to successfully mobilise people through periods of disequilibrium in complex, dynamic and adaptively challenging environments.

GSN455 Special Topic 3

| | |
|----------------|--|
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP1, 6TP2, 6TP3, 6TP4, 6TP5, 6TP6 |

Successful business leaders are able to identify, harness and further develop the capabilities of their team. This unit is designed to build upon the earlier unit GSN497 Personal Leadership and Change and will allow you to reflect on real leadership practice. The unit is completed in two phases (training / fundraising and participating in the 55km Oxfam Trailwalker event. It is a clear expectation that you will commit to both phases of the unit. By combining the experiential and emergent nature of a psychologically and physically demanding outdoor activity with the theory of adaptive challenge, response and engagement, this unit seeks for further develop individual leadership capability and skills to successfully mobilise people

through periods of disequilibrium in complex, dynamic and adaptively challenging environments.

GSN464 Systems Thinking for Managers

| | |
|----------------|--------------------------------------|
| Equivalent s | GSZ464,GSN502,GSZ502 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP2, 6TP5 |

Leaders and managers of organisations deal with complex problems whose resolution requires holistic approaches, sophisticated thinking and pluralist methodologies. Systems Thinking for Managers has been included in the early part of the program as Systems Thinking is a key theme threaded throughout the EMBA program that is built upon in the teaching and learning approaches used in subsequent units in the program. The aim of this unit is for students to develop systems thinking skills in a reflexive process involving the application of systems methodologies in isolation and in combination as they apply to complex business problems. This unit has been included in the program to provide 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

| | |
|----------------|--|
| Equivalent s | GSN504, GSN526, GSZ468, GSZ526, GSZ556 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP2, 6TP5 |

This unit has been included in the MBA program to enable leaders to explore contemporary and creative approaches to problem framing and problem solving in complex business environments both at the individual and group level. The aim of this unit is to help managers develop a thorough appreciation of the importance of problem framing and problem solving, and to develop an understanding of how to create workplace environments that encourage and foster creativity and innovation. One of the central themes embedded throughout the MBA is to encourage students to explore divergent ways of thinking and design thinking to address problems and opportunities from multiple perspectives and generate, prototype and test high value solutions. As such, this unit is positioned in the early part of the program to anchor the development of these important skills that will be further developed in later units.

GSN473 Corporate Governance and Accountability

| | |
|----------------|---|
| Pre-requisites | GSN404 and GSN409 and GSN412 and GSN491 |
| Equivalent s | GSZ473 |

| | |
|----------------|--------------------------------------|
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP1, 6TP4 |

Boards of directors and managers of organisations are now legally as well as morally accountable for policies, processes, and outcomes to an increasingly vocal set of stakeholders. This unit introduces students to the principles underlying good corporate accountability and governance and examines the roles of the board and management in implementing and monitoring a sound corporate culture, proactively identifying and dealing with risk, and safeguarding the company's assets and its place in our society and economy. Comparative models of governance are also discussed drawing on examples from many cultures and jurisdictions, as well as large and small businesses.

GSN481 Philanthropic and Nonprofit Frameworks of Governance

| | |
|-----------------|---|
| Anti-requisites | GSN472, GSN229 |
| Credit Points | 6 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - 6TP2 External - 6TP2 |

The unit explores contemporary understandings of philanthropic and nonprofit governance in the context of social, economic and political systems. It locates these understandings in various theoretical and descriptive

frameworks providing students with both the knowledge and analytical skills that are necessary to reflect critically on philanthropy and nonprofit governance systems and their environments.

GSN483 Ethics for Philanthropic and Nonprofit Organisations

| | |
|-----------------|---|
| Anti-requisites | AMN480, GSN230 |
| Credit Points | 6 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - 6TP3 External - 6TP3 |

This course introduces students to ethical theories and constructs with a focus on producing effective personal and professional resolutions to ethical dilemmas specifically associated with Philanthropic and NonProfit (PANFP) organisations. The unit recognises the distinctive mission and character of PANFP organisations, while seeking to provide an understanding of integrity and response-ability.

GSN484 Management for Philanthropic and Nonprofit Organisations

| | |
|-----------------|---|
| Anti-requisites | AMN480, GSN230 |
| Credit Points | 6 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - 6TP2 External - 6TP2 |

In the context of the multiple management challenges facing non-profit and philanthropic

entities, this unit provides students with an introduction to contemporary thinking and practice in the effective and efficient management of organisations. While the focus is on non-profit management, wider management and organisational theory will be drawn on in order that proactive responses to situations, problems and dilemmas facing non-profit organisations can be developed by students.

GSN485 Legal Issues for Philanthropic and Nonprofit Organisations

| | |
|-----------------|---|
| Anti-requisites | GSN231 |
| Credit Points | 6 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - 6TP4 External - 6TP4 |

The unit introduces students to critical issues of philanthropic and nonprofit law and taxation. The unit examines the regulatory, taxation and governance framework of nonprofit organisations and philanthropic transactions in Australian Federal and State jurisdictions.

GSN486 Accounting and Finance Issues for Philanthropic and Nonprofit Organisations

| | |
|-----------------|---|
| Anti-requisites | GSN231 |
| Credit Points | 6 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - 6TP5 External - 6TP5 |

Being able to understand and interpret financial information is a crucial skill for managers, executives and board members of nonprofit organisations. The external annual and financial reports provide financial and non-financial information principally for external stakeholders such as members, patrons, funding bodies, and regulators. Developing financial literacy and an appreciation of accountability drivers and frameworks is necessary for good governance and accountability, the achievement of the organisation's mission, strategic decision making, and promoting trust with both internal and external stakeholders.

GSN487 Introduction to Social Enterprise

| | |
|-----------------|---|
| Anti-requisites | AMN482 |
| Credit Points | 6 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - 6TP3 External - 6TP3 |

There has been a significant increase in interest in social enterprises in many OECD countries recently. The nonprofit sector continues to mature and expand with the establishment of more sophisticated social enterprise programs, as organisations explore innovative approaches to achieving mission. This interest is driven partly by significant reductions in the traditional sources of revenue for nonprofits, together with

increasingly sophisticated competition and dramatic changes in expectations from clients and stakeholder groups. These shifting expectations create demand for more strategic approaches to developing business models, the need for improved business planning, and allowing for more collaborative and hybrid business practices. The unit offers a background to social enterprise and 'hands-on' experience in social business planning.

GSN488 Fundraising Development Principles

| | |
|-----------------|---|
| Anti-requisites | GSN232, MIN409, AMN481 |
| Credit Points | 6 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - 6TP4 External - 6TP4 |

This unit considers the broad factors that influence fundraising/development success. It applies theories of marketing, public relations and management to fundraising and development and builds an understanding of the philanthropic environment and donor perspectives. It re-examines the principles of fundraising/development, institutional readiness, case preparation, leadership, constituencies and fundraising markets to build understanding of the context in which good, ethical development practice occurs.

GSN489 Fundraising Development Techniques

| | |
|-----------------|---|
| Pre-requisites | GSN488 |
| Anti-requisites | GSN232, MIN409, AMN481 |
| Credit Points | 6 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - 6TP5 External - 6TP5 |

Important information about this unit: To enrol in this unit after ACPNS mid-year orientation weekend you must contact Wendy Scaife, by email w.scaife@qut.edu.au or phone (07) 3138 8051 **Rationale:** This unit builds on its pre-requisite, Fundraising Development Principles, and applies the concepts introduced in that unit. It tracks various strategies and tactics for mobilising resources in a nonprofit organisation and provides insights to the challenges and processes involved in each technique. Evaluating fundraising operations is a capstone topic to the unit.

GSN490 Managing Technological Innovation

| | |
|----------------|--------------------------------------|
| Pre-requisites | GSN405 and GSN410 |
| Equivalent s | GSZ490 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP2, 6TP5 |

Being more innovative does not simply mean faster, better, cheaper, but also means being smarter and more strategic. It is essential that business managers and leaders have a comprehensive understanding

of the dynamics of technological innovation to allow them to more accurately identify trends within their technological and competitive environments, and to use these insights to craft a firm's innovation strategy. The aim of this particular unit is to help managers develop a thorough appreciation of the importance of technological innovation, and to develop an understanding of how to manage the process of technological innovation with practical frameworks to guide decision-making at a strategic level. This unit has been positioned mid-way through the program because exploring the strategic and operational role of the innovation process requires students to have a broad multidisciplinary, 'big picture' view of businesses and how they operate.

GSN491 Economics in Business

| | |
|-----------------|--------------------------------------|
| Anti-requisites | EFN405, GSN411, GSN414 |
| Equivalent s | GSZ491 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP1, 6TP4 |

For business leaders and managers to operate in the volatile global business environment of today, it is important for them to have a fundamental understanding of both macro and micro economics to guide their business decision making. This unit introduces students to an analytical framework that is

needed to understand how market conditions are determined at both the micro and macro levels and how market conditions affect business performance, including issues such as supply and demand, market structures and how they impact pricing strategies and decisions of individual firms, structure of the economy as well as some exploration of international trade.

GSN497 Personal Leadership and Change

| | |
|----------------|--------------------------------------|
| Equivalent s | GSN503,GSZ497,GSZ503,GSZ554 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP3, 6TP6 |

This unit is included in the program to provide an opportunity for students to increase their understanding of themselves and how their interactions with others impact on their effectiveness as leaders in complex business environments. Personal development is explored in the context of cultural understanding and ethics. The aim of this unit is for students to increase their understanding of themselves and how their interactions with others impact on their effectiveness as leaders in a complex business environment. Personal Leadership Development and Change is positioned in the early phases of this program to assist students to benchmark where they currently are as a leader and to identify opportunities for growth and

development throughout the MBA program and beyond. Throughout the program, students will have the opportunity to revisit, review and extend their development goals in later leadership units in the program.

GSN498 Investment Strategies for Technology

| | |
|----------------|--------------------------------|
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP2 |

Organisations are spending an estimated 25 - 45% capital expenditure on Information and Communications Technologies (ICT) related investments and between 2 - 10% of operating expenditure on running their ICT portfolios. Business leaders struggle to keep abreast and be responsive to the latest technological developments and the impact of disruptive technologies on their business. This unit introduces students to ICT governance and an understanding of the inter-relationships between business strategy and business-IT alignment. It also provides students with some strategies for investigating and evaluating the impact of some current disruptive technologies that have the potential to radically change the process of business and business models.

GSN541 Smart Decision Making: Beyond Digital and Big Data

| | |
|----------------|--------|
| Pre-requisites | GSN405 |
| Credit | 6 |

| | |
|----------------|--------------------------------|
| Points | |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP4 |

The aim of this unit is to provide students with the skills to determine the utility and value of creating, managing and interrogating large-scale datasets for strategic decision making. The unit takes a holistic view of the potential opportunities, challenges and implications of undertaking a data-led approach to strategic decision making with a particular focus on the business model, ethical and governance implications of adopting such an approach.

GSN542 Special Topic Unit (12cp)

| | |
|----------------|---------------------------------|
| Pre-requisites | GSN405 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 12AP1 |

This unit is intended to be flexible to meet a range of special topic needs.

GSN551 Negotiation Skills and Strategies

| | |
|----------------|--------------------------------|
| Equivalent s | GSZ551 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP3 |

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 Crisis Communication

| | |
|----------------|--|
| Equivalent s | GSZ558, GSZ555, GSN496, GSN523, GSZ523 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP5 |

When faced with crises, business leaders need to develop strategies for effectively identifying and engaging with stakeholders who are impacted by the decisions or activities of the organisation. It is imperative, that business leaders and managers today, have well developed skills in effectively communicating their message to their stakeholders and the media. The aim of this particular unit is to help business managers and leaders to understand and engage with decision-making, stakeholder analysis, stakeholder engagement and media principles during crises. This unit has been positioned in the latter part of the program as exploring stakeholder engagement and media requires students to have a broad multidisciplinary, 'big picture' view of businesses and how they operate. This unit

provides builds upon the earlier learning in GSN407

Communicating to Influence and complements the other units in the Leadership and Strategy elective pathway.

GSN559 Improving Business Operations

| | |
|----------------|--------------------------------|
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP4 |

The use of a Business Process Improvement (BPI) approach is recognised as being effective for improving business operations. The Improving Business Operations unit introduces students to the Business Process Improvement process including the tools, and phases of business process re-engineering. The unit is designed to stimulate strategic thinking and analysis by applying business process re-engineering theory in a real world context.

GSN560 Advanced Strategy for Global Business

| | |
|----------------|--------------------------------------|
| Pre-requisites | GSN405 or GSZ405 |
| Equivalent s | GSZ560 |
| Credit Points | 6 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP3, 6TP6 |

Business leaders today need to be multi-disciplinary strategic thinkers, who have foresight and an ability to take a big-picture, long term view of an organisation. Additionally, the ability to make decisions, often

with incomplete information, and to determine appropriate strategic responses to a complex, global business problems and opportunities is a key determinant of positive business outcomes. The aim of this unit is to enable students to develop a sophisticated knowledge and application of strategic analysis techniques and approaches, including the dynamics of stakeholder dependencies, the nature of complex and ambiguous problems, an understanding of the pivotal role of data and information in the strategy process and the limitations of theoretical models. This unit has been positioned in the latter part of the program building upon the learning in GSZ405 Strategic Management and complements the other units in the Leadership and Strategy elective pathway.

GSN590 Integrated Workplace Project

| | |
|-------------------|---|
| Equivalent s | GSZ572, GSN570, GSN571 |
| Other requisites | 84 credit points of core MBA units as approved by the MBA Director including GSN405 |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP2, 6TP3, 6TP5 |

The confidence to lead in complex business environments requires business leaders to look at problems and opportunities from multiple perspectives, to determine the course of action

through integrating multi-disciplinary knowledge and skills, make decisions with incomplete information and to be a highly effective and persuasive communicator. The aim of this unit is to enable you 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 you, your employer or a sponsoring organisation. This capstone unit in the MBA program and draws together and integrates learning from across the program and assists students to synthesise approaches, frameworks and theory in a manner that provides practical ways to apply them to an industry project.

GSN621 Grounding Theory and Practice

| | |
|-----------------|-------------------------|
| Anti-requisites | BSN201, MGN441, MGN442 |
| Equivalent s | GSZ621 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 6TP4 |

This unit lays the foundational theories and practices of 'leadership through coaching and mentoring', and sets up the program. It provides the rationale for coaching and mentoring in complex leadership contexts. It also provides core frameworks for coaching conversational practices. Subsequent units expand from the individual to the group and to the organisation, with each

providing a different frame for extending and exploring the theories and practices. The unit sets the scene for learning-by-doing through cycles of reflective practice and embeds a multi-level systems perspective of leadership development and organisational life. Each module contains one or more core theories and students use conversational models to apply theories to their organisational contexts.

GSN622 Linking Leadership and Complexity of Mind

| | |
|-----------------|--------------------------------|
| Pre-requisites | GSN621 or GSZ621 |
| Anti-requisites | BSN201, MGN441, MGN442 |
| Equivalent s | GSZ622 |
| Credit Points | 12 |
| Campus | Online and Gardens Point |
| Availabiliti es | Online - 12TP3, 6TP5 |

This unit is focused at the level of the individual and builds upon the principle that complex organisational challenges require sophisticated leadership approaches, further evolving the application of leadership coaching. Complexity leadership is explored as a stream of leadership theory and practice that positions the role of the leader as leveraging the tension between maximising opportunities from day-to-day operations and exploring and engaging with future possibilities that require changing the status quo. Students undertake a 360 degree feedback process to

gauge their current level of complexity leadership functioning. The 360 degree process is supported by individual, group and peer coaching, and is important as a framework for understanding self and others, and the advancement of the practice of leadership coaching as a mindset. Students apply knowledge attained in this unit to their High Impact Project. Subsequent units explore group and organisational complexities in further depth.

GSN623 Groups, Cultures and the Collective

| | |
|-----------------|-------------------------|
| Pre-requisites | GSN621 or GSZ621 |
| Equivalent s | GSZ623 |
| Credit Points | 12 |
| Campus | Online |
| Availabiliti es | Online - 6TP1 |

This unit moves from the lens of the individual to the group and collective. Coaching and mentoring are traditionally viewed as 1-1 conversational practices. However, organisations are made up of teams of people and group and team coaching are increasingly being used as powerful interventions to support organisational change and to work across organisational silos. This unit explores how team and group dynamics work and how coaching and mentoring can be leveraged by leaders to generate change at the team level, and at the level of the organisational system. The unit also draws together knowledge about cultural

differences, intercultural effectiveness and systems thinking to provide principles for using coaching approaches for leveraging advantage in diverse and messy contexts. The unit concludes by linking to the construction of coaching cultures in complex organisational contexts, and positions students to consider the organisational lens.

GSN624 Influencing Organisational Systems and Strategies

| | |
|-----------------|-------------------------|
| Pre-requisites | GSN621 or GSZ621 |
| Equivalent s | GSZ624 |
| Credit Points | 12 |
| Campus | Online |
| Availabiliti es | Online - 6TP2 |

This final capstone unit sharpens the organisational lens, while at the same time keeping the individual and the group in mind. The unit extends the group and cultural lenses from the previous unit to focus on opportunities from examining leadership through coaching and mentoring at the strategic and systematic level. The unit challenges assumptions that strategy is only a top-down activity and examines the way in which strategy can be an emergent process through the engagement of organisational systems - primarily through conversational practices. The emphasis in this unit is on 'real world' application and it is largely project-based, primarily through the attention to the final design and delivery of the

High Impact Project. The unit looks back, to integrate what has been learned from previous units, and forward to how the Project will make a difference in the organisation in the future.

GSP100 Competing in Complex Environments

| | |
|----------------|--------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 10TP2 |

GSP110 Optimising Business Outcomes

| | |
|----------------|--------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 10TP3 |

Accounting information plays a critical role in providing organisational stakeholders with timely, accurate and useful information on which informed business and investment decisions can be made. The aim of this unit is to provide organisational leaders with the ability to determine the relative “financial health” of an entity by developing particular skills around the interrogation and analysis of an entity’s financial statements in order to optimise its financial and operational health. It is designed to develop your abilities to make effective decisions in response to real world business challenges, based on an understanding, evaluation and interpretation of financial and accounting data. This unit is included in the first phase of

the MBA program to provide students with a grounding in applied accounting and finance, addressing the fundamental issues of how we can use accounting and finance techniques and approaches to improve critical organisational and managerial decisions.

GSP120 The Digital Leader

| | |
|----------------|--------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 10TP4 |

The highly volatile nature of organisations operating in a digital context has elevated the significance of those holding leadership roles. However, the transformation to a “digital leader” is complex, involving changes in self-awareness, knowledge, skills, and attitudes. The aim of this unit is for participants to increase their understanding of themselves and how their interactions with others impact on their effectiveness as leaders in complex digital environments. Additionally, the unit aims to encourage participants as leaders 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 complex managerial and leadership contexts. This is the first of three units specifically designed to develop your leadership capability. GSP160 Leading Teams for Growth and GSP200 Leading

Transformational Change will build on the leadership foundations established in this unit.

GSP130 High Impact Project 1

| | |
|-----------------|--------------------------|
| Anti-requisites | GSP131-1 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 10TP4 |

The confidence to lead in complex business environments requires business leaders and managers to be able to look at problems and opportunities from multiple perspectives, to determine the course of action through integrating multi-disciplinary knowledge and skills, make decisions with incomplete information and to be a highly effective and persuasive communicator. This unit has been included in the MBA program to provide students with the opportunity to apply learning to a real-world project. This introductory integrated unit in the MBA program teaches associates to draw together and integrate learning from across the first phase of the program and assists students to synthesise approaches, frameworks and theory in a manner that provides practical ways to apply them to an industry or workplace related project. This project based unit is the first of three project based units that you will undertake in the Digital MBA.

Units

GSP131 High Impact Project 1B

| | |
|----------------|--------------------------|
| Pre-requisites | GSP131-1 |
| Credit Points | 4 |
| Campus | Online |
| Availabilities | Online - 10TP3 |

The confidence to lead in complex business environments requires business leaders and managers to be able to look at problems and opportunities from multiple perspectives, to determine the course of action through integrating multi-disciplinary knowledge and skills, make decisions with incomplete information and to be a highly effective and persuasive communicator. This unit has been included in the MBA program to provide students with the opportunity to apply learning to a real-world project. This introductory integrated unit in the MBA program teaches associates to draw together and integrate learning from across the first phase of the program and assists students to synthesise approaches, frameworks and theory in a manner that provides practical ways to apply them to an industry project.

GSP131 High Impact Project 1A

| | |
|-----------------|--------------------------|
| Anti-requisites | GSP130 |
| Credit Points | 4 |
| Campus | Online |
| Availabilities | Online - 10TP2 |

GSP131 High Impact Project 1C

| | |
|----------------|--------------------------|
| Pre-requisites | GSP131-2 |
| Credit Points | 4 |
| Campus | Online |
| Availabilities | Online - 10TP4 |

The confidence to lead in complex business environments requires business leaders and managers to be able to look at problems and opportunities from multiple perspectives, to determine the course of action through integrating multi-disciplinary knowledge and skills, make decisions with incomplete information and to be a highly effective and persuasive communicator. This unit has been included in the MBA program to provide students with the opportunity to apply learning to a real-world project. This introductory integrated unit in the MBA program teaches associates to draw together and integrate learning from across the first phase of the program and assists students to synthesise approaches, frameworks and theory in a manner that provides practical ways to apply them to an industry project.

GSZ403 Data Analysis and Decision Making

| | |
|-----------------|--------------------------|
| Pre-requisites | GSZ405 |
| Anti-requisites | EFN409 |
| Equivalent s | GSN403 |
| Credit Points | 6 |
| Campus | Online and Gardens Point |
| Availabilities | Gardens Point |

| | |
|----|---|
| es | - FP08A (Block) Online - 12BP1 |
|----|---|

Managers are not only required to make sense of the data available to them but, to make complex business decisions often in short timeframes and with only partial information. This unit has been included in the program to provide students with the opportunity to learn how to make effective business decisions based on the application of data analysis techniques to real world business problems. Therefore, the aim of this particular unit is to develop the students' abilities to make effective business decisions in response to real world business challenges, based on an understanding, evaluation and interpretation data using a number of standard data analysis techniques. The unit is positioned in the early phases of the program after students have acquired some foundational discipline specific skills and knowledge which enables students to be able to integrate and draw upon their disciplinary knowledge in analysing data and making decisions.

GSZ404 Accounting for Decision Making

| | |
|-----------------|---|
| Anti-requisites | GSN202 |
| Equivalent s | GSN404 |
| Credit Points | 6 |
| Campus | Online and Gardens Point |
| Availabilities | Gardens Point - FP09A (Block) Online - FP10B |

This unit is in the MBA program to equip students with knowledge and skills needed to undertake budgeting and cost control accounting activities that support the broader operational decision making processes. The unit will assist students to assess and understand the financial position and performance of an entity, and to make informed predictions about its future directions, based on the information contained within published accounting reports and the application of foundational fundamental analysis techniques. The unit's aim is to provide business owners, managers and potential investors with an understanding of financial statements and to develop knowledge, understanding and ability to apply financial statement analysis in business decision making activities. The unit is taught in the early phases of the MBA program to help students broaden their knowledge and understanding of business, providing a foundation for later units in the program that rely on analysis of financial data.

GSZ405 Strategic Management

| | |
|----------------|---|
| Equivalent s | GSN405 |
| Credit Points | 6 |
| Campus | Gardens Point and Online |
| Availabilities | Gardens Point - 12AP1 (Block) Online - 12BP1 |

Strategy is the process of determining goals and moving towards the achievement of

those goals in a business, government, or not-for-profit setting. The Strategic Management unit introduces the concept of strategy and explores the basic tenets of the strategy process, competitive advantage, and strategic management in a changing global environment. It lays the foundations for students in terms of understanding contemporary thinking in the strategy field.

GSZ406 Contemporary Human Resource Management Issues: Global Perspectives

| | |
|----------------|---|
| Equivalent s | GSN406 |
| Credit Points | 6 |
| Campus | Gardens Point and Online |
| Availabilities | Gardens Point - 12AP1 (Block) Online - 12BP1 |

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 |
| Equivalent s | GSN407 |
| Credit Points | 6 |
| Campus | Online and Gardens Point |
| Availabilities | Gardens Point - 12AP1 (Block) Online - 12BP1, 5TP2 |

Specialised knowledge alone is no longer enough to guarantee success in business; you must be able to effectively communicate this knowledge with a variety of audiences, in a variety of situations and using a range of communication technologies. This unit provides students the opportunity to develop highly effective and persuasive oral, written and technology enabled communication skills. The unit encourages students to develop an understanding of their audience, sensitivity to language use and to demonstrate the value and power of language as a means of persuasion in managerial and leadership contexts.

GSZ408 Marketing Strategically

| | |
|----------------|---|
| Equivalent s | GSN408 |
| Credit Points | 6 |
| Campus | Online and Gardens Point |
| Availabilities | Gardens Point - 12AP1 (Block) Online - 12BP1 |

The Fundamentals of Marketing Management unit provides students with the opportunity to critically examine

and evaluate the role of marketing and its contribution to the strategic processes of organisations operating in increasingly complex and highly competitive global business environments. A study of key marketing decisions made by real world organisations are examined including the marketing concept, the marketing mix, marketing information systems, marketing research, market segmentation, targeting and positioning, and the process of marketing planning, implementation and control.

GSZ409 Understanding and Leading Others

| | |
|-----------------|---|
| Pre-requisites | GSZ497 |
| Anti-requisites | MGN412, BSN202 |
| Equivalent s | GSN409 |
| Credit Points | 6 |
| Campus | Gardens Point and Online |
| Availabiliti es | Gardens Point - FP08A (Block) Online - 12BP1 |

One of the greatest challenges for organisational leaders is how to harness the collective talents within a team to create high performing individuals capable of achieving the goals of the organisation. This unit aim to develop theoretical and applied knowledge of human behaviour at work and how to develop and lead face-to-face and virtual high performing teams. It is critical that leaders are able to not only be aware of the factors that influence the thoughts, feelings, motivations and actions of individuals in the

workplace, but also to have the tools to actively build capability, motivation and attitude in others. Leadership coaching is a key method taught in this unit to achieve these objectives. This unit is offered at the mid point of the program to build upon the earlier work on self-awareness completed in GSN497 Personal Leadership - and Change, and lay the foundations covered in GSN415 - Leadership and Complexity.

GSZ410 Entrepreneurship

| | |
|-----------------|---|
| Anti-requisites | MGN428 |
| Equivalent s | GSN410 |
| Credit Points | 6 |
| Campus | Online and Gardens Point |
| Availabiliti es | Gardens Point - FP09A (Block) Online - FP08B |

Entrepreneurship is a desirable behavioural pattern of managers in areas of businesses regardless of scale that wish to rejuvenate their products, services, or operational processes. Entrepreneurs introduce innovations in products, services, and processes, which in turn serve to raise business productivity, increase employment and social well-being, and enhance global competitiveness. This unit is included in the program to provide students with the opportunity to develop important entrepreneurial knowledge and skills that are critical for success in business today. The aim of this unit is to equip students with a thorough

knowledge of important issues surrounding entrepreneurial management and the establishment of new business ventures. This unit is positioned in this point in the program to allow students to build upon foundational knowledge and skills learned in GSZ468 Problem Framing for Creative Action and to provide a foundation for a later unit GSZ572 Planning for New Ventures.

GSZ412 Business Law

| | |
|-----------------|---|
| Anti-requisites | AYN410 and EFN413 |
| Equivalent s | GSN412 |
| Credit Points | 6 |
| Campus | Online and Gardens Point |
| Availabiliti es | Gardens Point - FP08A (Block) Online - FP11B |

It is essential for managers and business leaders to have a fundamental understanding of the legal context in which they operate to ensure their rights and the rights of their organisations are protected, to avoid transactional problems arising over the course of their business dealings and to identify when professional legal expertise should be sought. This unit emphasise the reasoning process that lawyers follow. It is not designed to turn students into legal experts but is included in the program to provide students with foundational knowledge and understanding of regulatory frameworks that impact Australia’s businesses and to foster awareness of emerging global trends in commercial

dealings. This unit is positioned mid-way in the program as a study of business law requires students to have a broad multidisciplinary, 'big picture' understanding of businesses and how they operate. This unit provides a solid foundation for a later unit GSN/Z473 Corporate Governance and Accountability.

GSZ413 Financial Management

| | |
|-----------------|---|
| Pre-requisites | GSZ409 |
| Anti-requisites | EFN406 |
| Equivalent s | GSN413 |
| Credit Points | 6 |
| Campus | Online and Gardens Point |
| Availabilities | Gardens Point - FP11A (Block) Online - FP08B |

The aim of this particular unit is to help managers develop an understanding of the national and international financial environment, from a personal and business perspective and the implications for decision making within their organisations. This unit is included in this program to provide students with a grounding in applied finance, addressing the fundamental issues of how we can use finance in a commercial sense and how this impacts critical organisational and managerial decisions in an increasingly complex and demanding financial environment. This unit has been positioned in the latter part of the program, as the study of Financial Management requires students to have a broad

multidisciplinary, 'big picture' understanding of businesses and how they operate. The positioning of this unit allows students to draw and build upon their learning two earlier units Accounting for Decision Making and Data Analysis and Decision Making.

GSZ415 Global Leadership and Complexity

| | |
|----------------|---|
| Pre-requisites | GSZ409 |
| Equivalent s | GSN415 |
| Credit Points | 6 |
| Campus | Online and Gardens Point |
| Availabilities | Gardens Point - FP11A (Block) Online - FP08B |

In this unit we will explore the various ways of defining and understanding leadership. The focus of this unit will be to build on your growing self-awareness and improve your capacity to understand, communicate and influence the people you will lead in your own complex business environment. The aim of this unit is to develop your leadership ability, utilising a conceptual framework for self-understanding and the development of the requisite knowledge, skills and attitudes required to successfully lead in your own business environment. This unit is positioned towards the end the program to build upon and extend your knowledge of leadership that you have already gained in the earlier leadership units GSN497 Personal Leadership Development and Change and

GSN409 Understanding and Leading Others. This unit will complete the triad of awareness (self, others and wider world) that leaders require to analyse, innovate and lead effective organisations.

GSZ431 Management Theory and Practice

| | |
|----------------|-------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 5TP2 |

This unit provides you with the key knowledge and skills you will need to become an effective and informed manager in a changing global environment. It will provide a basic foundation for further development of management theories and concepts. It examines management processes, structures and techniques, with specific reference to Australian government and industry contexts. In addition to the basic functions of management, the changing nature of managerial work emphasises the importance of facilitating, developing and integrating human, physical and other resources. This unit examines current approaches to managing and leading in government and industry contexts; and the challenges of managing amid discontinuous change.

GSZ432 Organisational Behaviour

| | |
|---------------|--------|
| Credit Points | 12 |
| Campus | Online |

Units

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|--------------|-------------------------|
| Availability | Online - 5TP4 |
|--------------|-------------------------|

This unit provides you with an understanding of why employees act the way they do at work, and introduces you to methods for enhancing and promoting positive employee attitudes and behaviours and organisational effectiveness. The emphasis is on understanding basic assumptions and models, major theoretical issues, methods of measurement and practical implications within government and industry contexts. Formally and informally, people live and work in organisations. Only through an understanding of the relevant individual, group and organisation dynamics will graduates be able to function effectively as leaders and managers in government or industry environments, facilitating productivity through efficiency and effectiveness of behaviour and practice, while simultaneously enhancing sustainability and high performance at each level.

GSZ433 Partnerships for Policy Making

| | |
|---------------|-------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availability | Online - 5TP6 |

Contemporary public sector organisation managers and those aspiring to management face many challenges as government organisations change the way they engage with other agencies and sectors to inform complex and

contested policy positions. The capacity to think strategically, understand different approaches and be well prepared to facilitate the delivery of the government's agenda are key attributes for managers. Managing complex relationships with citizens, stakeholders and communities in diverse settings distinguishes public managers from their private sector counterparts. This unit seeks to build managers' awareness, knowledge and skills to collaborate effectively for policy improvement in complex cross sectoral environments.

GSZ434 Strategic Decision-Making for Outcomes

| | |
|---------------|-------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availability | Online - 5TP8 |

Government agencies need to continually review their strategies to ensure that: context is understood, stakeholders are engaged, outcomes are achieved, innovation is an organisational practice, and review and enhancement processes are embedded. This unit is designed to help participants become more effective as managers of people in using the resources at their disposal to deliver public value when managing government operations for highly impactful outcomes. This unit, as the final unit of the program, concentrates on applying the learning from the three previous units to the operational context of public

sector management via the Capstone Workplace Project Plan.

GSZ435 Applied Economics

| | |
|---------------|-------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availability | Online - 5TP2 |

This unit focuses on microeconomic and macroeconomic forces that directly impact business and government, and explores key policies and their effects on business practices. Students will be introduced to foundational economics knowledge (including price mechanisms, cost and value analysis, market failures, macroeconomic frameworks, income stabilisation, long term economic growth and welfare economics), and will practice problem solving techniques applicable to a variety of public sector contexts. In today's complex domestic and global environments, effective policy design and implementation should be informed by a sound understanding of the interactions between individuals, businesses and the government. The economic concepts and frameworks in this introductory unit provides students with a broad understanding of the economic forces that impact governments, businesses and individuals.

GSZ436 Data Analysis and Finance

| | |
|---------------|----|
| Credit Points | 12 |
|---------------|----|

Units

| | |
|----------------|-------------------------|
| Campus | Online |
| Availabilities | Online - 5TP4 |

This unit introduces students to the concepts of randomness, uncertainty, probability distribution, sampling errors, sampling distribution, hypothesis testing and regression in statistics, and time value of money, debt and equity finance, risk and diversification in finance. Students will also acquire the ability to apply statistical techniques to analyse data and to perform financial analysis pertaining to government contexts. The ability to understand data analysis and evaluate statistical output, along with a sound knowledge of finance, is crucial for decision making in the public sector.

GSZ437 Innovation, Competitiveness and Growth

| | |
|----------------|-------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 5TP6 |

Economic Growth has been seen as one of the most important factors of ensuring and improving the wellbeing of all Australians. To achieve this goal Australia considers continuously its economic strategy. These considerations focus in particular on the role innovation and competitiveness of Australian businesses.

GSZ438 Behavioural Economics and Policy

| | |
|---------------|----|
| Credit Points | 12 |
|---------------|----|

| | |
|----------------|-------------------------|
| Campus | Online |
| Availabilities | Online - 5TP8 |

Public policy is usually based on a model of rational decision making the Homo Economicus in Economics, the Reasonable Person in Law. This unit will contrast theoretical concepts delivered in earlier units with empirical findings to develop a clear understanding of normative and positive approaches to economic and policy challenges. Extending upon traditional economic approaches, Behavioural Economics allows us to study why it is important to identify deviations from preferred policy outcomes and how economic interventions can effectively be evaluated.

GSZ464 Systems Thinking for Managers

| | |
|----------------|---|
| Equivalent s | GSN464,GSZ502,GSN502 |
| Credit Points | 6 |
| Campus | Online and Gardens Point |
| Availabilities | Gardens Point - FP11A (Block) Online - FP10B |

Leaders and managers of organisations deal with complex problems whose resolution requires holistic approaches, sophisticated thinking and pluralist methodologies. Systems Thinking for Managers has been included in the early part of the program as Systems Thinking is a key theme threaded throughout the EMBA program that is built upon in the teaching and learning approaches used in

subsequent units in the program. The aim of this unit is for students to develop systems thinking skills in a reflexive process involving the application of systems methodologies in isolation and in combination as they apply to complex business problems. This unit has been included in the program to provide 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

| | |
|----------------|---|
| Equivalent s | GSN468,GSN504,GSN526,GSZ526,GSZ556 |
| Credit Points | 6 |
| Campus | Online and Gardens Point |
| Availabilities | Gardens Point - 12AP1 (Block) Online - FP08B |

This unit has been included in the MBA program to enable leaders to explore contemporary and creative approaches to problem framing and problem solving in complex business environments both at the individual and group level. The aim of this unit is to help managers develop a thorough appreciation of the importance of problem framing and problem solving, and to develop an understanding of how to create workplace environments that encourage

and foster creativity and innovation. One of the central themes embedded throughout the MBA is to encourage students to explore divergent ways of thinking and design thinking to address problems and opportunities from multiple perspectives and generate, prototype and test high value solutions. As such, this unit is positioned in the early part of the program to anchor the development of these important skills that will be further developed in later units.

GSZ473 Corporate Governance and Accountability

| | |
|-----------------|---|
| Pre-requisites | GSZ404 and GSZ409 and GSZ412 and GSZ491 |
| Equivalent s | GSN473 |
| Credit Points | 6 |
| Campus | Online and Gardens Point |
| Availabiliti es | Gardens Point - FP09A (Block) Online - FP10B |

The specific aim of this unit is to increase your awareness of how boards of directors function. You will review the core knowledge associated with understanding the roles and responsibilities of directors, managers and other key stakeholders in the development of sound, ethical, sustainable, corporate governance practices. In this subject, you will investigate how corporations are managed and controlled. This involves understanding the roles and responsibilities of directors and managers as well as the policy and practices used to ensure effective corporate governance. You will study

these questions across a range of circumstances that students might experience during your professional career. This unit is placed towards the end of your MBA program to ensure you are able to draw on the insights of the leadership, organisational behavior, ethics and operations management disciplines when determining effective governance practice and decision making.

GSZ490 Managing Technological Innovation

| | |
|-----------------|---|
| Pre-requisites | GSZ405 and 42cp of EMBA units |
| Equivalent s | GSN490 |
| Credit Points | 6 |
| Campus | Online and Gardens Point |
| Availabiliti es | Gardens Point - FP08A (Block) Online - FP10B |

Being more innovative does not simply mean faster, better, cheaper, but also means being smarter and more strategic. It is essential that business managers and leaders have a comprehensive understanding of the dynamics of technological innovation to allow them to more accurately identify trends within their technological and competitive environments, and to use these insights to craft a firm's innovation strategy. The aim of this particular unit is to help managers develop a thorough appreciation of the importance of technological innovation, and to develop an understanding of how to manage the process of technological innovation with practical frameworks to guide

decision-making at a strategic level. This unit has been positioned mid-way through the program because exploring the strategic and operational role of the innovation process requires students to have a broad multidisciplinary, 'big picture' view of businesses and how they operate.

GSZ491 Economics in Business

| | |
|-----------------|---|
| Anti-requisites | EFN405, GSN411 and GSN414 |
| Equivalent s | GSN491 |
| Credit Points | 6 |
| Campus | Online and Gardens Point |
| Availabiliti es | Gardens Point - 12AP1 (Block) Online - 12BP1 |

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

| | |
|----------------|---|
| Equivalent s | GSN497,GSN503,GSZ503,GSZ554 |
| Credit Points | 6 |
| Campus | Online and Gardens Point |
| Availabilities | Gardens Point - 12AP1 (Block) Online - 12BP1 |

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.

GSZ535 Sourcing and Contracting Strategies in a Global Environment

| | |
|----------------|--------------------------|
| Equivalent s | GSZ527,GSN527 |
| Credit Points | 6 |
| Campus | Online |
| Availabilities | Online - 12BP1 |

This unit forms part of both the Complex Project Leadership and Strategic Procurement elective strands of the EMBA program. This unit is designed to provide students with the opportunity to develop knowledge and skills relating to sourcing and contracting strategies, risks and benefits and the jurisdictional issues that arise in international strategic procurement projects.

GSZ536 Strategic Leadership of Supplier Relationships

| | |
|----------------|--------------------------|
| Equivalent s | GSZ521, GSN521 |
| Credit Points | 6 |
| Campus | Online |
| Availabilities | Online - 12BP1 |

This unit forms part of both the Complex Project Leadership and Strategic Procurement elective strands of the EMBA program. In the world of complex, long-term global projects, it is not possible for any organization to go it alone - they need to develop strategic partnering arrangements with other organizations. As such, this unit is designed to develop essential leadership and relationship management capabilities that will enable students to select, develop, maintain, performance manage and secure contractual relationships between project partners.

GSZ538 Strategically Managing Risk

| | |
|----------------|---------------|
| Pre-requisites | GSZ464 |
| Equivalent s | GSZ512,GSN512 |

| | |
|----------------|--------------------------|
| Credit Points | 6 |
| Campus | Online |
| Availabilities | Online - 12BP1 |

This unit forms part of both the Complex Project Leadership and Strategic Procurement elective strands of the EMBA. This unit is designed to provide knowledge and skills in identifying and dealing with the emergent risks associated with complex projects. It moves beyond traditional risk management approaches, which generally assume that projects are linear and reductionist, to provide a systems thinking approach to the management of risk in complex environments and large-scale procurements. The unit also develops skill in and provides strategies for recognising major opportunities that can arise from risk and how to exploit them to achieve substantial organisational benefits.

GSZ539 Intellectual Property Strategy and Management

| | |
|----------------|--------------------------|
| Equivalent s | GSN529,GSZ529 |
| Credit Points | 6 |
| Campus | Online |
| Availabilities | Online - 12BP1 |

This unit forms part of the Strategic Procurement elective strand of the EMBA program. This unit is designed to provide knowledge of IP rights and the legal framework surrounding them particularly in relation to complex and technologically advanced strategic goods and services involved in strategic

Units

procurement projects. The unit develops skill in the design and implementation of effective IP identification and management strategies both within Australian and international contexts in order to protect IP rights using recognised best practice for strategic procurement projects.

GSZ542 Special Topic Unit (12cp)

| | |
|----------------|--------------------------------|
| Pre-requisites | GSZ405 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP1 |

This unit is intended to be flexible to meet a range of special topic needs.

GSZ543 Conducting Business Internationally

| | |
|----------------|---|
| Pre-requisites | GSZ405 |
| Credit Points | 12 |
| Campus | Gardens Point and Online |
| Availabilities | Gardens Point - 12AP1 (Block) Online - 12BP1 |

This unit is positioned at this point in the EMBA program so that students have a depth of knowledge across a broad range of business disciplines, particularly Economics, Entrepreneurship, and Communication including Negotiation Strategies. Following this unit, students participate in an International Study Tour, which will provide the opportunity for students to be immersed in the culture of the country visited

and to consolidate and apply their knowledge and skills about conducting business internationally. This unit is positioned at this point in the program as students need to have a broad multidisciplinary, 'big picture' understanding of businesses and how they operate to be able to maximise the learning opportunities afforded to them through the International Study Tour.

GSZ545 Complex Project Alignment and Implementation

| | |
|----------------|--------------------------|
| Pre-requisites | GSZ405 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 12BP1 |

This unit is offered at this point in the program to build upon the earlier work completed in the GSZ405 Strategic Management unit and allows students to bring together the learning of their prior Complex Program Leadership / Strategic Procurement (CPL/SP) stream learnings as well as reflecting on international and domestic practices to shape their leadership of complex programs. The unit also lays the foundation for the international study tour where students will have the opportunity to visit and evaluate several international complex projects.

GSZ551 Negotiation Skills and Strategies

| | |
|---------------|--------|
| Equivalent | GSN551 |
| Credit Points | 6 |

| | |
|----------------|---|
| Campus | Online and Gardens Point |
| Availabilities | Gardens Point - FP12A (Block) Online - FP11B |

Negotiation is an important part of everyday management, and effective negotiation skills are indispensable for successful managers operating in a globalised and complex business environment. This unit aims to provide students with the opportunity to develop and practice their business negotiation skills. This unit provides students with the conceptual framework to analyse the business negotiation process. The exploration of negotiation practices in different contexts better prepares students for negotiation in the increasingly globalised business environment. Negotiation Skills and Strategies has been positioned later in the program to ensure that students have a broad base business knowledge and experience on which to draw upon when engaging in negotiations. The unit is scheduled as part of their specialisation studies in the Leadership and Strategy strand as negotiation skills learned in this unit provide a foundation for the later specialisations units and capstone projects.

GSZ553 Business Leadership Practicum

| | |
|----------------|--------------------------|
| Pre-requisites | GSZ415 |
| Equivalent | GSN553 |
| Credit Points | 6 |
| Campus | Online and Gardens Point |

Units

| | |
|----------------|---|
| Availabilities | Gardens Point - 12AP1 (Block) |
| | Online - 12BP1 |

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

| | |
|----------------|---|
| Equivalent s | GSN558, GSZ555, GSN496, GSN523, GSZ523 |
| Credit Points | 6 |
| Campus | Online and Gardens Point |
| Availabilities | Gardens Point - 12AP1 (Block) Online - 12BP1 |

In this globally connected world it has never been so important for organisations to effectively manage their public reputation

portrayed in both traditional and social media. The Stakeholder Engagement and Media Principles unit develops students understanding of the role of stakeholder engagement, the importance of stakeholder analysis and the role media plays in influencing organisational issues.

GSZ560 Advanced Strategy for Global Business

| | |
|----------------|---|
| Pre-requisites | GSZ405 or GSN405 |
| Equivalent s | GSN560 |
| Credit Points | 6 |
| Campus | Online and Gardens Point |
| Availabilities | Gardens Point - 12AP1 (Block) Online - 12BP1 |

Business leaders today need to be multi-disciplinary strategic thinkers, who have foresight and an ability to take a big-picture, long term view of an organisation. Additionally, the ability to make decisions, often with incomplete information, and to determine appropriate strategic responses to complex, global business problems and opportunities is seen as the key determinant of positive business outcomes and the longevity of organisations. The Advanced Strategy for Global Business unit helps students to develop a sophisticated knowledge and application of strategic analysis techniques and approaches including the dynamics of inter-firm dependencies, the nature of complex-adaptive systems, an understanding of the pivotal role of data in the strategy process and the limitations of

theoretical models.

GSZ572 Integrated Workplace Project - Business Planning

| | |
|-------------------|--|
| Equivalent s | GSZ416, GSN416 |
| Other requisites | 114 CPs of Core EMBA units as approved by MBA Director including GSZ405 and GSZ410 |
| Assumed Knowledge | null |
| Credit Points | 6 |
| Campus | Online and Gardens Point |
| Availabilities | Gardens Point - FP11A (Block) Online - FP12B |

The confidence to lead in complex business environments requires business leaders to look at problems and opportunities from multiple perspectives, to determine the course of action through integrating multi-disciplinary knowledge and skills, make decisions with incomplete information and to be a highly effective and persuasive communicator. The aim of this unit is to enable you 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 you, your employer or a sponsoring organisation. This capstone unit in the Executive MBA program and draws together and integrates learning from across the program and assists students to synthesise approaches, frameworks and theory in a manner that provides practical ways to apply them to an industry project.

GSZ601 Leading Self and Others

| | |
|-----------------|-------------------------------|
| Anti-requisites | GSZ554 |
| Credit Points | 12 |
| Campus | Online and Gardens Point |
| Availabilities | Online - 5TP8, 6TP3 |

Leaders develop their leadership skills through self-awareness, individual planning, courage and commitment. Through the application of personal insight and feedback they understand their strengths, weaknesses and opportunities for improvement, building capacity both within themselves and those they lead. Effective personal and inter-personal leadership is fundamental to excellence in all aspects of the enterprise and is the key to mobilising group dynamics and fulfilling human potential.

GSZ602 Actioning Strategic Innovation

| | |
|-----------------|-------------------------------|
| Anti-requisites | GSN405 |
| Credit Points | 12 |
| Campus | Online and Gardens Point |
| Availabilities | Online - 5TP3, 6TP6 |

Managing the formulation and implementation of strategy requires the ability to develop innovative solutions for problems in complex environments and plan for their implementation. This unit examines strategic management and innovation concepts and frameworks that will help the manager to understand the strategic

context of the enterprise, identify and deliver benefits from new strategic initiatives that may be regarded as innovative for their organisation. Management competencies are developed through the application of strategic concepts and frameworks to real-life case studies of innovation projects.

GSZ603 Communicating for Results

| | |
|-----------------|-------------------------|
| Anti-requisites | GSN407, GSZ407 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 6TP4 |

This unit supports the student in building essential workplace communication skills, including written work and interpersonal communication.

GSZ604 Leading Ethical Systems

| | |
|-----------------|-------------------------|
| Anti-requisites | GSN456 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 5TP7 |

Leadership plays a central role in shaping the system that incubates the conduct of individuals and teams. Leaders do this in both formal and informal ways. Typically, in the aftermath to an ethical failure, the focus is placed on the formal mechanisms that leaders have designed and implemented - codes, compliance frameworks, policy documents and other such artefacts. While these are

important, informal mechanisms can be more powerful in shaping ethical conduct. These are the messages that leaders in the organisation send through their every action, choice and decision. Because everything a leader does, no matter how seemingly inconsequential, sends a signal. And over time these signals tell employees what the organisation really values. Enterprise leaders require an understanding of how situational and contextual factors impact on the creation of a culture that fosters ethical behaviour. They also need to understand how the inherent challenges of complex environments impact on their capacity to act with the courage and wisdom to orient their organizations and industries toward their social and economic purpose.

GSZ606 Leading Strategic Initiatives

| | |
|----------------|-------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 5TP6 |

Leading and managing strategic initiatives requires a range of skills and capabilities for aspiring enterprise leader that transcend traditional management functions. Aspiring leaders must be able to design and lead organisational transformation initiatives in complex and changing environments, which requires self-awareness, the ability to engage with diverse stakeholders and senior executives both within and

Units

external to the organization, and to manage conflicting interests. Importantly leaders must also ensure success by aligning program and organisational strategy.

GSZ609 Managing Sourcing and Contracting

| | |
|----------------|-------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 6TP1 |

This unit covers the key concepts and decisions involved in delivering complex projects including structuring and managing contracts and building contracting capability in organisations.

GSZ610 Managing Strategic Risk

| | |
|----------------|-------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 6TP1 |

This unit examines a range of approaches for evaluating and managing risk in complex project management environments.

GSZ611 Leading in the Government Context

| | |
|----------------|-------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 6TP1 |

This unit overviews the institutions which guide political life in Australia, and how this impacts on the policy work of public sector agencies and their leaders.

GSZ612 Making Decisions with Data

| | |
|----------------|-------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 6TP1 |

This unit looks at the role of data and analytics in helping organisations make effective decisions about people management and workforce strategy.

GSZ613 Managing Talent and Succession

| | |
|----------------|-------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 6TP1 |

This unit overviews the elements of an effective enterprise talent management strategy, including attraction, recruitment, performance leadership, recognition and retention.

GSZ614 Leading for High Performance

| | |
|----------------|-------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 5TP2 |

This unit addresses the elements of a high performance enterprise culture and the required leadership practices.

GSZ621 Grounding Theory and Practice

| | |
|-----------------|------------------------|
| Anti-requisites | BSN201, MGN441, MGN442 |
| Equivalent s | GSN621 |

| | |
|----------------|-------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 6TP4 |

GSZ622 Linking Leadership and Complexity of Mind

| | |
|-----------------|-------------------------|
| Pre-requisites | GSZ621 or GSN621 |
| Anti-requisites | BSN201, MGN441, MGN442 |
| Equivalent s | GSN622 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - 6TP5 |

This unit is based on the principle that complex organisational challenges require sophisticated leadership approaches and is focused at the level of the individual. Complexity leadership is explored as a stream of leadership theory and practice that positions the role of the leader as leveraging the tension between maximising opportunities from day-to-day operations and exploring and engaging with future possibilities that require changing the status quo. Students undertake a 360 degree feedback process to gauge their current level of complexity leadership functioning. The 360 process (supported executive, group and peer coaching) is important as a foundation for individual development of effective leadership through coaching and mentoring practices.

GSZ631 Managing within the Context of Government

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | External - 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP2, 12AP2, 12AP2, 12AP2, 12AP2, 12AP3, 12AP3, 12AP3 |

The aim of this unit is to develop students' understanding of the context and influence of the government environment in which they operate so that they are able to best deliver public value. Public sector managers need to understand the context within which they operate. This context is bounded by global, national and local features and constrained by political, institutional and legislative processes and conventions. High performing public sector managers must be able to demonstrate political acumen as well as managerial skill to be high performers. Non-government and private sector managers encouraged to enter the modern public sector need a coherent whole of government understanding before being able to function effectively. This unit is the first unit of the program and builds a foundation of understanding of the context of government within which public sector managers operate. This unit provides the holistic context of operation for the subsequent units.

GSZ632 Managing Self and Others

| | |
|---------------|----|
| Credit Points | 12 |
|---------------|----|

| | |
|----------------|--|
| Campus | Gardens Point and External |
| Availabilities | External - 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP2, 12AP2, 12AP2, 12AP2, 12AP2, 12AP2, 12AP3, 12AP3, 12AP3, 12AP3 |

The aim of this unit is for students to increase their understanding of themselves in order to develop greater insight and more effective strategies for managing within the public sector environment. Self awareness provides a foundation for personal and management 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 in the public sector environment. This unit is the second unit of the program and references effective behaviour and style of management in the context of government examined in unit one.

GSZ633 Managing Outwards in a Networked Government

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | External - 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP2, 12AP2, 12AP2, 12AP2, 12AP3, 12AP3, 12AP3, 12AP3, 12AP3, 12AP3, 12AP3, 12AP3 |

Contemporary public sector and non government organisation managers and those aspiring to management face many challenges as government organisations change the way they provide services in response to new

and diverse environmental demands. The capacity to think systemically, to adapt, to work in flexible ways and to collaborate are key attributes for managers. Managing strategic and operational relationships with citizens, stakeholders and communities in policy, networked and contestable settings distinguishes public managers from their private counterparts. This unit seeks to build managers' awareness, knowledge and skills to collaborate effectively in complex cross-sectoral environments. This unit is the third unit of the program and builds upon the understanding of the context in which public sector managers operate from unit one, and the understanding of personal operational styles in unit two, to turn the focus outwards and to build further knowledge and skills for application in wider contexts of operation.

GSZ634 Managing Operations for Outcomes

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | External - 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP1, 12AP2, 12AP2, 12AP2, 12AP2, 12AP2, 12AP2, 12AP3 |

The aim of this unit is to build the overall operational capabilities of public sector managers to deliver and sustain ongoing public sector value. Government agencies and NGOs need to continually review their strategies to ensure that context is

understood, stakeholders are engaged, outcomes are achieved, innovation is an organisational practice and review and enhancement processes are embedded. This unit, as the final unit of the program, concentrates on applying the learning from the 3 previous units to the operational context of public sector management via the Capstone Workplace Project.

HLB001 Health Needs of Aboriginal and Torres Strait Islander Australians

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

This unit will provide you with an introduction to a range of historical and contemporary factors that impact on the health and wellbeing of Indigenous people today. Communities require health practitioners to have the knowledge and skills to provide appropriate care for Aboriginal and Torres Strait Islander people. This is underpinned by an Indigenous defined primary healthcare framework. In this unit, an Indigenous definition of health is the basis of commencing the journey towards cultural awareness and cultural sensitivity.

HLB002 International Study Experience

| | |
|------------------|---|
| Pre-requisites | Academic approval and successful completion of 96 credit points of study in your current course |
| Other requisites | Academic approval and successful completion of 96 credit points of study in your |

| | |
|-------------------|---|
| | current course. Students must have successfully completed an approved QUT Study Abroad to be eligible to undertake this unit. |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 (Block) |

Following an approved Outward Bound Mobility activity, this unit provides an opportunity for students to further develop knowledge and skills for working in a globalised context through exploration and analysis. We live in a rapidly changing and increasingly globalised society. Many professionals today are faced with challenges that require an understanding of global trends and issues that influence practice and health care provision in their discipline. Learning in this unit advances students' knowledge and skills regarding health practice in global contexts through analysis of an international study experience undertaken during the course and examination of health care provision in comparison with the United Nations Sustainable Development Goal and related targets. Learning activities offer an international 'lens' through which students reflect on experiences enabling the opportunity to broaden and deepen a repertoire of skills for working in local and/or global contexts.

HLB003 Interprofessional Learning (IPL) Elective

| | |
|-------------------|--|
| Other requisites | Successful completion of 96 credit points of study in your current course. To undertake assessment in this unit you must be undertaking an approved IPL activity during the semester of enrolment, or have undertaken an approved IPL activity during the preceding semester. Approved IPL activities include the Health Fusion Team Challenge, Outreach activities conducted by QUT Health Clinics, or as negotiated with your coordinator. |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Present and future health workforces are/will be facing the challenge of providing effective health services in the face of increasingly complex health issues. The World Health Organisation (2010) states that integrated, interprofessional services are required if we are to meet the challenges of health care into the future. Interprofessional collaboration in education and practice is recognised as a key strategy that will play an important role in strengthening health care systems, globally and locally, and improving health outcomes. This unit offers the opportunity for you to build on your knowledge regarding interprofessional practice and develop advanced skills that can be applied in diverse contexts.

HLB300 Independent Study

| | |
|----------------|--|
| Pre-requisites | Completion of 192cp |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM |

This unit provides the opportunity to substantively explore a topic or subject of personal academic interest within your discipline area. It enables you to extend your knowledge and understanding of a topic area that is not otherwise available as a formal unit of study within the course, and your skills in knowledge development and knowledge management. This is a self-directed learning opportunity and prior to enrolling in the unit you will need to organise an academic supervisor with whom you will discuss your proposed study, its learning outcomes and any issues related to its successful completion.

HLH101 Research Funding Proposal

| | |
|----------------|--------------------------------|
| Co-requisites | HLH104, HLH105 and HLH107-1 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit will assist you in developing your knowledge of the existing literature related to your field of research, help you formulate specific research questions and provide you with the opportunity to develop a research plan that allows you to answer these questions. You will work in collaboration with

your research project supervisors and other discipline area experts to prepare a research funding proposal for your project similar to those required to obtain funding from an Australian competitive grant schemes administered by a philanthropic foundation or society. This will help you to understand the background, rationale and methodologies related to your specific research project.

HLH104 Manuscript Critique

| | |
|----------------|--------------------------------|
| Co-requisites | HLH101 and HLH105 and HLH107-1 |
| Equivalent s | HLP104 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit provides an opportunity to critically analyse and review a manuscript that is within your field of research but not specific to your research project.

HLH105 Research Strategies 1

| | |
|----------------|--------------------------------|
| Co-requisites | HLH101 and HLH104 and HLH107-1 |
| Equivalent s | HLP105 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

In this unit you will be actively involved in critical discussions on key aspects underlying the scientific method with senior academics in the Faculty. You will develop and refine skills in project design and

implementation, the critical analysis of methods and data, time management, information retrieval and learn how to collect, critically analyse and collate literature and effectively present scientific information. You will also actively participate in research forums external to your own research groups aimed at developing a collaborative and interactive group ethos in research.

HLH106 Research Strategies 2

| | |
|----------------|---|
| Pre-requisites | HLH101 and HLH104 and HLH105 and HLH107-1 |
| Co-requisites | HLH107-2 and HLH107-3 and HLH107-4 |
| Equivalent s | HLP106 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit is designed to provide the basis for you to experience and develop skills in the primary components of research. The transition from undergraduate scholar to independent researcher requires both general and specific thinking and practical research skills, together with research strategies additional to those obtained in an undergraduate degree. As part of the training for a career in research this unit will include experience and training in cross-disciplinary and extra-disciplinary research skills and strategies. Active student participation in workshops and seminars provide opportunities for self-reflection, initiative and actualisation.

HLH107 Research Project 4

| | |
|----------------|---|
| Pre-requisites | HLH107-3. HLH107-3 can be studied in the same teaching period as HLH107-4 |
| Co-requisites | HLH106 |
| Equivalent s | HLP107-4 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

A career in research will involve your understanding of the methods of independent scientific investigation and analysis, your ability to identify the need for a particular investigation, your skills to frame a testable hypothesis and design appropriate tests to examine it, and communicate your ideas and arguments to others. Thus, this unit builds on the knowledge you have gained in your undergraduate units, with particular emphasis on practical aspects of technique applications, data interpretation, and the presentation of a scientific argument in a coherent and acceptable format.

HLH107 Research Project 1

| | |
|----------------|---------------------------------|
| Co-requisites | HLH101 and HLH104 and HLH105 |
| Equivalent s | HLP107-1 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit will assist you in developing your technical and analytical skills related to your field of research. It will provide

you with the opportunity to develop a plan that allows you to, execute and evaluate a piece of research. You will work in collaboration with your research project supervisors and other discipline area experts to prepare a final manuscript outlining the results of your research following interpretation of the data collected from your research plan.

HLH107 Research Project 2

| | |
|----------------|---------------------------------|
| Pre-requisites | HLH107-1 |
| Co-requisites | HLH106 |
| Equivalent s | HLP107-2 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

A career in research will involve your understanding of the methods of independent scientific investigation and analysis, your ability to identify the need for a particular investigation, your skills to frame a testable hypothesis and design appropriate tests to examine it, and communicate ideas and arguments to others. Thus, this unit builds on the knowledge you have gained in your undergraduate units, with particular emphasis on practical aspects of technique applications, data interpretation, and the presentation of a scientific argument in a coherent and acceptable format.

HLH107 Research Project 3

| | |
|------|------------------------|
| Pre- | HLH107-2. HLH107-2 can |
|------|------------------------|

| | |
|----------------|--|
| requisites | be studied in the same teaching period as HLH107-3 |
| Co-requisites | HLH106 |
| Equivalent s | HLP107-3 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

A career in research will involve your understanding of the methods of independent scientific investigation and analysis, your ability to identify the need for a particular investigation, your skills to frame a testable hypothesis and design appropriate tests to examine it, and communication of your ideas and arguments to others. Thus, this unit builds on the knowledge you have gained in your undergraduate units, with particular emphasis on practical aspects of technique applications, data interpretation, and the presentation of a scientific argument in a coherent and acceptable format.

HLH401 Advanced Research Methods

| | |
|-----------------|--------------------------------|
| Pre-requisites | PUB561 or (XNB251 and XNB255) |
| Anti-requisites | |
| Equivalent s | |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit enables you to apply advanced knowledge and research skills to a specific area of professional interest and to develop your own

research project. The unit provides opportunities to consolidate your critical analysis and problem solving skills in an autonomous way to prepare for and integrate your theoretical knowledge with a work related Capstone project. Specifically you will develop the skills needed to formulate a theoretically sound research questions or hypotheses, select appropriate research methodologies, data collection methods and analyses needed to answer your research questions or test hypotheses, and to interpret and report the outcomes. It will prepare you to adopt a questioning and critical approach to your clinical practice and develop critical thinking and reasoning skills applied to the evidence around a topic of your choice. You will undertake a systematic literature search and a critical review of the evidence.

HLH402 Research Project for Honours

| | |
|-----------------|--|
| Pre-requisites | Completion of 288 credit points including HLH401 or HLB401 |
| Equivalent s | HLB402 |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-2 |

This unit is in the fourth year of your program and provides extended, independent skills in research by partnering you with an experienced researcher to answer a practice related research question. The unit will enable you to explore a topic in an area of special interest and

gain skills in the integration of research with practice and a potential career as a researcher and leader in your chosen field. The research project is the culmination of your Honours degree in your chosen discipline area. It scaffolds your synthesis of knowledge and skills to develop independently as a researcher with guidance from selected mentors, and apply these to answer a research question at an advanced level. The aim of the Research project for honours is to successfully complete a research project in your discipline area, by showing mastering of written and verbal communication of the outcomes of your research project.

HLH403 Research Project for Honours

| | |
|-----------------|---------------------------------------|
| Pre-requisites | HLH403-1 or HLB403-1 |
| Equivalent s | HLB403-2 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-1, SEM-2 |

The research project is the culmination of your Honours degree in your chosen discipline area. It scaffolds your synthesis of knowledge and skills to develop independently as a researcher with guidance from selected mentors, and apply these to answer a research question at an advanced level.

HLH403 Research Project for Honours

| | |
|-----------------|--|
| Pre-requisites | Completion of 288 credit points including HLH401 or HLB401 or SWH401 |
| Equivalent s | HLB403-1 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-1, SEM-2 |

The research project is the culmination of your Honours degree in your chosen discipline area. It scaffolds your synthesis of knowledge and skills to develop independently as a researcher with guidance from selected mentors, and apply these to answer a research question at an advanced level.

HLN004 Chronic Conditions Prevention and Management

| | |
|-----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabiliti es | Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2 |

The prevalence of chronic conditions and the range of factors contributing to their development are increasing and placing demands on communities and health care systems worldwide. Major chronic conditions will be considered within a continuum of care with a particular emphasis on primary health care and the prevention, rehabilitation and management of chronic conditions in the Australian and International contexts. You will examine and critique a range of current policies, frameworks, strategies

and approaches to the prevention and management of chronic conditions and then contextualise and apply these findings to your particular area of practice or interest.

HLN405 Qualitative Research

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2 |

The unit offers the opportunity to study, explore and understand a range of qualitative research methodologies and methods. In so doing, the unit exposes students to a knowledge base that may inform post graduate qualitative research. It encourages students to question and contest knowledge and to constructively defend points of view. Key principals, concepts and skills will be developed to inform qualitative research across a range of disciplines and contexts. The dominance of the positivist or natural science approach in health research has come into question because of its singular emphasis on producing 'objective' truths. In response, it is argued that culture, power and ideology must be understood as integral components of any research. Qualitative inquiry, in all its forms, is underpinned by the assumption that the social world can only be interpreted.

HLN700 Dissertation

| | |
|----------------|--|
| Credit Points | 48 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM |

To ensure high quality practice, advanced level practitioners are continually required to reflect upon and modify their own practice to incorporate knowledge of the most recent research evidence. This requires advanced skills in the critical evaluation, interpretation and application of research. The dissertation provides advanced skill development in these areas, and enables you to undertake a research project in a specialised area of practice. HLN700 Dissertation is offered in Semester 1, Semester 2 and Summer. No student should enrol in any offering until they have secured a Supervisor who is available during that semester. Note: The Summer offering is not available to Nursing students. Students in the School of Nursing should contact nursing.admin@qut.edu.au in the semester prior to enrolment for further information and guidance on supervision.

HLN701 Independent Study

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM External - SEM-1, SEM-2 |

The development of critical appraisal skills is essential for

students undertaking postgraduate study. This unit provides an opportunity to investigate a relevant topic in your area of study. In the process of identifying, gathering and analysing up-to-date relevant literature, you will strengthen skills in the synthesis of information and report writing relevant to your field.

HLN703 Project

| | |
|----------------|--|
| Equivalent s | HLQ703 |
| Credit Points | 24 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM |

The ability to apply advanced knowledge and skills with a high level of autonomy is a hallmark of postgraduate education at the Masters level. By undertaking a scholarly piece of work this unit gives you the opportunity to consolidate, extend and apply the skills that you have gained to date in an area that is relevant to your field of study, by demonstrating creativity and initiative to analyse and synthesis knowledge. HLN703 Project is offered in Semester 1, Semester 2 and Summer. Students enrolled through the School of Nursing should contact nursing.admin@qut.edu.au The Summer offering is not available to NS80 Master of Advanced Practice Nursing or NS85 Master of Nursing students. PU86 Master of Public Health students must

have successfully completed HLN707 Research Methods in Health before undertaking HLN703. Nursing students must have successfully completed NSN434 Evidence Based Practice and Research Design before undertaking HLN703.

HLN706 Health Statistics 2

| | |
|----------------|--------------------------------|
| Pre-requisites | PUN105 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This is an advanced biostatistics unit focused on statistical modelling, a common approach in the analysis of health data. It focuses on developing an understanding, both theoretical and practical, of generalised linear models (GLMs), factor analysis and survival analysis. GLMs include simple linear regression, multiple regression, logistic regression, Poisson regression and repeated measures analysis, and provide a unifying framework to illustrate the ideas of statistical modelling.

This unit builds on the introductory unit PUN105 Health Statistics 1 by extending your analytical and reporting skills, enabling a wider range of analysis to be conducted in support of applied research.

HLN707 Research Methods in Health

| | |
|----------------|---|
| Pre-requisites | Completion of 96 credit points of study |
| Equivalent s | HLQ707 |
| Credit | 12 |

| | |
|----------------|--|
| Points | |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2 |

The purpose of this unit is to help you plan your research and develop a viable and ethical research proposal, which will prepare you to undertake an independent 24 credit point project (HLN703) or a 48 credit point dissertation (HLN700 or HLN750-1, -2) or acts as a stand-alone research unit for 'scholar-practitioners'. This unit aim to provide clinicians and health practitioners the supported experience of becoming a scholar practitioner and able to link their research knowledge with practice. Students will learn how to apply theoretical and methodological rigour to their work in practice.

HLN710 Epidemiology

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2 |

This is a foundational health unit addressing the essential epidemiological skills and principles that health professionals need to develop for effective public health and clinical practice. Epidemiology can assist in determining risk factors associated with diseases, and what factors may protect against disease. Epidemiology also identifies the effectiveness of health interventions and quantifies

potential harms. The skills of scientific assessment of the effectiveness of prevention strategies are necessary for service provision and policy development. In this unit you will develop the ability to critically evaluate research and study designs using epidemiological techniques. This introductory unit develops the skills in effectively assessing and interpreting health data and the medical literature. The unit explains how to calculate key measures of disease occurrence and association, and contemporary issues of major importance in health.

HLN712 Dissertation

| | |
|----------------|--|
| Pre-requisites | HLN712-1 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM |

To ensure high quality practice, advanced level practitioners are continually required to reflect upon and modify their own practice to incorporate knowledge of the most recent research evidence. This dissertation provides advanced skill development in these areas. In this unit you will identify a gap in the literature and develop a study. In this unit you will commence your data collection and drafting of your chapters. Through undertaking a research project in a specialised area of practice, the dissertation provides the opportunity for you to develop advanced skills in the critical evaluation

interpretation and application of research. Together, HLN712-1, 2, 3 and 4 comprise a 48 credit point unit that can be studied over a number of semesters. Each semester you can enrol in one or more of its four 12 credit point sub-units. Assessment items are submitted and a final grade awarded at the end of HLN712-4.

HLN712 Dissertation

| | |
|----------------|--|
| Pre-requisites | HLN712-3. HLN712-3 can be studied in the same semester as HLN712-4 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM |

To ensure high quality practice, advanced level practitioners are continually required to reflect upon and modify their own practice to incorporate knowledge of the most recent research evidence. The dissertation provides advanced skill development in these areas. This unit is the final stage of your dissertation. At this point you must write your discussion and finalise the complete thesis, culminating in submission of the final document. Together, HLN712-1, 2, 3 and 4 comprise a 48 credit point unit that can be studied over a number of semesters. Each semester you can enrol in one or more of its four 12 credit point sub-units. Assessment items are submitted and a final grade awarded at the end of HLN712-4.

HLN712 Dissertation

| | |
|----------------|--|
| Pre-requisites | HLN712-2 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM |

Advanced level practitioners are continually required to reflect upon and modify their own practice to incorporate knowledge of the most recent research evidence. The dissertation provides advanced skill development in these areas. In this unit you will identify a gap in the literature and develop a study. This dissertation provides you with the opportunity to develop high-level skills in the evaluation, interpretation and application of research. It will also enable you to undertake a research project in a specialised area of practice. In this unit you will focus on data collection, analyses and drafting of the chapters. Together, HLN712-1, 2, 3 and 4 comprise a 48 credit point unit that can be studied over a number of semesters. Each semester you can enrol in one or more of its four 12 credit point sub-units. Assessment items are submitted and a final grade awarded only at the end of HLN712-4.

HLN712 Dissertation

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM |

To ensure high quality practice, advanced level practitioners are continually required to

reflect upon and modify their own practice to incorporate knowledge of the most recent research evidence. The dissertation provides advanced skill development in these areas. In this unit you will identify a gap in the literature and develop a study. This unit is the first step of your dissertation. You will develop proposal and design a study. You will commence your ground work, such as ethical clearance and health and safety clearance, that are an essential requirement of a research project. Together, HLN712-1, 2, 3 and 4 comprise a 48 credit point unit that can be studied over a number of semesters. Each semester you can enrol in one or more of its four 12 credit point sub-units. Assessment items are submitted and a final grade awarded at the end of HLN712-4.

HLN750 Dissertation

| | |
|----------------|--|
| Credit Points | 24 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM |

To ensure high quality practice, advanced level practitioners are continually required to reflect upon and modify their own practice to incorporate knowledge of the most recent research evidence. This requires advanced skills in the critical evaluation, interpretation and application of research. The dissertation provides advanced skill development in these areas.

and enables you to undertake a research project in a specialised area of practice. HLN750-2 Dissertation is offered in Semester 1, Semester 2 and Summer. No student should enrol in any offering until they have secured a Supervisor who is available during that semester. Note: The Summer offering is not available to Nursing students. Students in the School of Nursing should contact nursing.admin@qut.edu.au in the semester prior to enrolment for further information and guidance on supervision.

HLN750 Dissertation

| | |
|----------------|--|
| Credit Points | 24 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM |

To ensure high quality practice, advanced level practitioners are continually required to reflect upon and modify their own practice to incorporate knowledge of the most recent research evidence. This requires advanced skills in the critical evaluation, interpretation and application of research. The dissertation provides advanced skill development in these areas, and enables you to undertake a research project in specialised area of practice. HLN750-1 Dissertation is offered in Semester 1, Semester 2 and Summer. No student should enrol in any offering until they have secured a Supervisor who is available during that semester. Note:

The Summer offering is not available to Nursing students. Students in the School of Nursing should contact nursing.admin@qut.edu.au in the semester prior to enrolment for further information and guidance on supervision.

HLZ701 Independent Study

| | |
|----------------|-------------------------------------|
| Equivalent s | |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2, SUM |

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.

HLZ703 Project

| | |
|----------------|--------------------------|
| Equivalent s | HLN703 |
| Credit Points | 24 |
| Campus | External |
| Availabilities | External - SUM |

The ability to apply advanced knowledge and skills with a high level of autonomy is a hallmark of postgraduate education at the Masters level. By undertaking a scholarly piece of work this unit gives you the opportunity to consolidate, extend and apply the knowledge and skills that

you have gained to date in an area that is relevant to your field of study. HLZ703 Project is offered in Semester 1, Semester 2 and Summer. You should not enroll in this unit until you have discussed supervision with your discipline coordinator in the semester prior to enrolment. Students enrolled through the School of Nursing should contact nursing.admin@qut.edu.au. Nursing students must have successfully completed NSZ434 Evidence Based Practice and Research Design before undertaking HLZ703.

IAB201 Modelling Techniques for Information Systems

| | |
|-----------------|---|
| Pre-requisites | (IFB103 or ITD103) and (IFB105 or IFB130) |
| Anti-requisites | ITD122 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This is an introductory unit that will provide you with the foundational skills and knowledge required for understanding, designing and analysing information systems. The unit aims to develop an appreciation, and an ability to manage, the complexity of contemporary and future information systems and the domains in which they are used. Further, it will provide you with the skills to design artefacts, fit for purpose and audience, that can be used to solve real-world problems related to information systems.

Unit content will play an important role in future units and a wide variety of professional IT activities. This unit expands on knowledge acquired in IFB103 IT Systems Design by introducing conceptual modelling techniques that underpin most modern systems modelling languages. Subsequent units will build on the conceptual modelling skills learned in this unit, for example, by applying it to the techniques covered in IAB203 BPM and IAB204 Business Requirements Analysis.

IAB202 Business of Information Technology

| | |
|-----------------|--|
| Pre-requisites | IFB101 or ITD101 or IGB181 or IFB103 or ITD103 or EGB100 or ENB100 |
| Anti-requisites | INB301 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Whether you are launching an internet start-up or advising your company on how to embark on a successful technical direction you need to have an understanding of the basic business building blocks to enable your decision making and interact with the other (non-IT) people involved. This unit will help you to explore these necessary business practices and concepts by engaging you in the development IT business initiatives which are primarily

internet-based. By considering case studies, you will learn a practical approach to developing IT business initiatives. The concepts include business models, revenue models, digital marketing, and digital strategy.

IAB203 Business Process Modelling

| | |
|----------------|--|
| Equivalent s | INB320 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Building on the principles of Business Process Management (BPM), this unit will develop a deep understanding of business process modelling as the core activity in BPM initiatives. You will learn about the main components of a business process modelling language. You will also learn how to apply standard modelling languages such as BPMN to develop abstract yet relevant representations of complex business processes in a consistent and unambiguous way, and to reason about these models. Finally, you will learn how to identify relevant processes to be modelled, how to discover models from these processes and meaningfully organize the models in a process architecture. The unit will use a hands-on approach to allow you to learn the art of process modelling incrementally.

IAB204 Business Requirements Analysis

| | |
|----------------|--|
| Pre-requisites | IAB201 or ITD122 or PUB102 |
| Equivalent s | INB220 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Introduce you to the role, knowledge, skills and techniques required of a business analyst. This unit focuses on the tools and methods used by a business analyst, as well as the soft skills such as creativity and communication, all of which are critical to successful business requirements analysis.

IAB206 Modern Data Management

| | |
|----------------|---|
| Pre-requisites | (IFB104 or ITD104) and (IFB105 or IFB130) |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Introduce you to the technologies that can be used to address challenges in managing fast incoming, voluminous and varied data that is increasingly being relied on to make decisions in today's business environment. You will develop practical skills in using, modern data management technologies that will prepare you to be a data analyst, business analyst, solution architect, as well as enterprise architect.

IAB207 Rapid Web Application Development

| | |
|----------------|---|
| Pre-requisites | (IFB103 or ITD103) and (IFB105 or IFB130) |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

Web applications are widely in use both within enterprises and in consumer applications. Developing Web applications faces significant challenges, including faster delivery of new innovations, robustness for change, and performance scalability. The unit will address these challenges by using Model-View-Controller (MVC) frameworks to support rapid development of web applications. The knowledge and skills developed in this unit are valuable for all IT professional roles – software engineers, business analyst and architects, enabling an understanding of software systems design practices and development practices. This is an introductory unit and students will be exposed to web application development through a guided process of using well known frameworks such as CSS-Bootstrap, Python-Flask and JQuery. It builds on concepts learnt in IFB103 and IFB105 and recommends knowledge of Python programming.

IAB230 Mobile and Ubiquitous Computing

| | |
|----------------|----------------------------|
| Pre-requisites | IFB104 or INB104 or ITD104 |
| Equivalent s | INB345 |

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

This unit provides you the opportunity to explore the latest and emerging mobile and ubiquitous technologies, critically review real case studies, expand your awareness of interconnections between technologies, networks and user contexts and design a solution to a smart IT context problem. Using compelling concrete case studies, including personalised health, connected health, smart transport, connected home applications, smart cities, smart buildings, smart farms, and smart manufacturing, you will learn the components of a mobile ubiquitous system and design a technical solution meeting the information needs of specific key user in a specific context.

IAB250 Enterprise Systems Configuration

| | |
|----------------|---------------------------------|
| Pre-requisites | IFB103 or ITD103 |
| Equivalent s | IAB350 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Configuration is a critical step of ES implementation. Configuring an Enterprise System is largely a matter of balancing the way the organisation wants the system

to work with the way it was designed to work, as per the business requirements of the organisation. Configuring an Enterprise System is completed through the in-built changeable parameters that modify system operation. For example, an organisation can select the type of inventory accounting to use, whether to recognise revenue by geographical unit, product line, or distribution channel and whether to pay for shipping costs when a customer returns a purchase

IAB260 Social Technologies

| | |
|----------------|--|
| Pre-requisites | IFB103 or ITD103 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Social technologies are changing the way we work, learn and play. This unit takes a hands-on approach to learning and encourages you to play with social technologies. You will critically explore a range of established, new and emerging social technologies, and how they can be used in different contexts. You will explore how people experience social media and consider your own professional and personal identities and how these are related in an increasingly hyper-connected world. The unit explores the complex social, political, legal, economic and ethical issues related to use of social technologies in

everyday life. It also introduces you to the role of social technologies in education, lifelong learning, business, and society more generally.

IAB303 Data Analytics for Business Insight

| | |
|----------------|--|
| Pre-requisites | AYB341 or ((IFB104 or ITD104) and (IFB105 or IFB130)) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

The effective use of data to address business concerns is accepted as a critical success factor for small, medium and large enterprises alike. Data Analytics is central to contemporary approaches to Information Systems (IS) Architecture, contributing to the modelling of information for the purpose of addressing key business problems. In this unit you will draw on your knowledge and skills learnt in the core units Building IT Systems (IFB104) and Database Management (IFB105) to learn how to problem solve with data for the purposes of extracting business insight. Through the practical sessions you will explore the relationship between common business concerns and the data and analytics that can be used to address them, developing the skills to use a range of analytics techniques with a variety of data. You will also have the opportunity to learn how to present analytics in a

meaningful way for business use. Through the lectures, you will be able to increase your understanding of different kinds of data, their importance to business, and why certain analytical and visualisation techniques can be used.

IAB305 Information Systems Lifecycle Management

| | |
|----------------|---|
| Pre-requisites | (IFB103 or ITD103) and (IAB201 or PUB110) |
| Equivalent s | IAB205 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit covers the essential activities in information systems lifecycle management. An important role of business analysts and IT managers is to analyse and understand business strategies, capabilities, and objectives to define, select, and implement information systems within organizations to achieve their organizational objectives. This unit provides students with skills and knowledge related to information systems definition, acquisition, development, integration, transformation, implementation, and maintenance within organisations. This unit will expand skills in analysing and designing an IT system from IFB103 Introduction to Systems Analysis and Design and their information systems modelling knowledge from IAB201 Modelling Techniques for Information Systems by introducing how information systems can be incorporated

with business models, processes and strategic business needs. Skills learned in this unit will be utilised and further developed in IAB301 Enterprise Architecture.

IAB320 Business Process Improvement

| | |
|----------------|---------------------------------|
| Pre-requisites | IAB203 |
| Equivalent s | INB321 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit fosters developing process analysis, improvement, and design skills of students. These skills and capabilities will prepare you to undertake the digital transformation challenges of today's organisations. You will understand and apply a variety of methods, tools, techniques, and approaches for organisational-wide process improvement initiatives. You will be exposed to a robust selection of quantitative and qualitative analysis techniques as well as key process redesign paradigms used in the industry. This will involve developing your knowledge and expertise in different process improvement methodologies such as Lean, Six Sigma and Process Reengineering using a hands-on teaching approach with real-life case studies to enable authentic learning outcomes.

IAB321 Business Process Technologies

| | |
|------|--------|
| Pre- | IAB203 |
|------|--------|

Units

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

Whether you will be a business analyst, a process owner, a solution architect or a software engineer, it is essential that you understand the principles and value of business process automation, in order to fully realise the benefits of Business Process Management. This unit introduces the fundamentals of "business process automation". You will learn how to develop an executable business process based on a business-oriented process model. You will practice how to automate an executable process using a business process management system (BPMS) and how to monitor its progress. The unit further presents various post-execution techniques for analysing the behaviour of automated processes. The hands-on approach allows students to design, control and analyse automated business processes using a variety of well-known business process technologies.

IAB330 Mobile Application Development

| | |
|----------------|--|
| Pre-requisites | IAB230 or CAB201 or ITD121 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External |

- XCH-1, XCH-2

Mobile, tablet and wearable devices are the emerging computing platforms, resulting in a high demand for creative developers to build innovative cross platform applications, and given the variety of platforms there is a major skills shortage. This unit aims to provide the theoretical and technical knowledge and skills to design, develop, and publish mobile apps. You will extend your design and development skills by working collaboratively in multi-cultural and multi-disciplinary teams to acquire a solid practical foundation for the design and development of innovative mobile and pervasive systems.

IAB351 Business in the Cloud

| | |
|----------------|---------------------------------|
| Pre-requisites | IFB103 or ITD103 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit will address the knowledge, skills and challenges of assisting organisations in adopting cloud computing and transforming business using new cloud orchestration models. It will cover different aspects of developing a detailed digital strategy for business in the cloud, including: cloud computing concepts and principles and developing technical cloud architecture; developing a business architecture including business analysis, business case analysis and change

management; and understanding legal and regulatory policy that governs the use of cloud services. Through the knowledge, skills and assessments of the unit, students will develop a sound management acumen for undertaking business, and technical roles related to cloud adoption and practice. All enquiries: iab351@qut.edu.au

IAB352 Enterprise Systems Management

| | |
|----------------|---------------------------------|
| Pre-requisites | IAB250 or IAB350 |
| Equivalent s | IAB450 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Organisations invest substantial resources in acquiring enterprise systems from vendors such as SAP and Oracle, presumably expecting positive impacts to the organisation and its functions. Despite the optimistic objectives, failure of enterprise systems to attain benefits is common. This unit provides the knowledge and skills into how to successfully manage enterprise systems projects throughout their entire lifecycle, from acquisition to use to retirement. Drawing on real-life case studies, concepts related to requirements analysis, implementation strategy, training, knowledge management, and change management will be discussed throughout the unit. The knowledge and skills taught in this unit are relevant for

anyone pursuing a career involving the management of large IT projects.

IAB401 Enterprise Architecture

| | |
|----------------|---------------------------------|
| Pre-requisites | IAB305 |
| Equivalent s | INB222 IAB301 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit covers Enterprise Architecture (EA) theory and practice, concerning the ways in which business and IT systems are planned and designed using modelling techniques. EA focuses on organizational capability maps, which reflect what businesses do, independent of business. The techniques for capturing different artefacts at business and IT levels relevant to systems planning will include business services, processes, information and resources. Students will be taught how to develop a multi-layered EA based on state-of-the-art modelling techniques in TOGAF Archimate and UML. Importantly, this unit extends your knowledge and skills to model, design and problem and pursue careers in EA, modelling, design and solution architecture of individual systems. The unit links to and extends learning from previous units in Data and Information Management and Process Modelling.

IAB402 Information Systems Consulting

| | |
|----------------|---------------------------------|
| Pre-requisites | IAB204 |
| Equivalent s | INB322 IAB302 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

You will gain an appreciation of the management of consulting practices and an understanding of the consulting sector generally. Having developed business requirements analysis skills in IAB305 to identify systems problems or opportunities and specify solution-approaches, Business Analysts and other IT professionals must be able to convincingly communicate these (problems, opportunities, requirements, solution-approach) to managers, colleagues and clients in the form of a proposal. The development and promotion of such proposals is a core activity in contemporary projectised organisations, and is the mainstay of IT consulting firms.

IFB101 Impact of IT

| | |
|-----------------|----------------------------|
| Anti-requisites | ITD101 |
| Equivalent s | INB101 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - XCH-1 |

This unit investigates the transformational relationship between information technology (IT) and individuals, society and organisations. It

focuses on determining and evaluating the impact IT can have from a range of perspectives. By examining contemporary technological advances, students will gain a perspective on their application in social and organisational settings, how they are used to advance social and organisational goals and how IT professionals enable these technologies. Case studies across a variety of domains will link theory with practice, and build your understanding of the depth and breadth of change, both positive and negative, that is driven by information technology. This unit will help inform your future career path and unit selection over the course of your degree.

IFB102 Introduction to Computer Systems

| | |
|-----------------|---|
| Anti-requisites | ITD102 |
| Equivalent s | IND102 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This is an introductory computer science unit concerning computer systems, in particular how modern computer systems work, how they are structured, and how they operate. Computer systems are ubiquitous and yet they are unlike any other man-made product or system; they appear magical and are notoriously difficult to work with and manage in projects. This

unit's goal is to demystify computer systems so students can appreciate, understand and utilise computer systems in their subsequent learning, and effectively participate in the IT industry. Students will study computers, networks, operating systems and the Web. Raspberry Pi computers will be used throughout the unit and at the end students will build their own small computer system using a Raspberry Pi.

IFB103 IT Systems Design

| | |
|-----------------|--|
| Anti-requisites | ITD103 |
| Equivalent s | INB182 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-2 |

Developing an innovative, practical and cost-effective IT solution that is user-focused is a complex task for IT experts. It requires a systematic process that includes: 1) identifying and clarifying a business problem that an IT system can help to resolve; 2) collecting and interpreting requirements; 3) decomposing the system into its components; and, 4) prototyping techniques to ensure that all the components of the system satisfy the requirements. This unit presents students with authentic industry challenges in which you apply your IT knowledge, fundamental analysis and design techniques. It exposes you to design contexts, theories, processes, principles and

methods that IT experts use, either individually or in a group, to analyse and design an IT system. The unit builds your skills towards any career related to operational analysis and design of a specific business scope, including Business Systems Analyst, Solution Architect, and Project Manager.

IFB104 Building IT Systems

| | |
|-----------------|---|
| Anti-requisites | ITD104 |
| Equivalent s | INB104, IND104, ITB001 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit provides a hands-on introduction to computer programming for students with no prior coding experience at all. It introduces the basic principles of programming in a typical imperative language, including expressions, assignment, functions, choice and iteration. It then shows how to use Application Programming Interfaces to complete common Information Technology tasks such as querying databases, creating user interfaces, and searching for patterns in large datasets. The emphasis is on developing skills through practice, so the unit includes numerous coding exercises and assignments, using a simple scripting language and code development environment. The unit establishes a foundation for later subjects that teach

large-scale software development using industrial-strength programming languages.

IFB105 Database Management

| | |
|----------------|--|
| Equivalent s | IFB130 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1 |

This is an introductory unit on database addressing the core concepts, requirements and practices of databases. It introduces conceptual data modeling to address a key area of concern of modeling structured data to build a comprehensive understanding of the data aspect of a problem. You will learn how to transform such data model into a relational database design as well as how to effectively retrieve data through SQL queries. Normalization, database security/administration, other special topics and ethical aspects related to information systems are also covered. IAB207 Rapid Web App Development, IAB303 Data Analytics for Business Insights and the Capstone units IFB398 Capstone 1 and IFB399 Capstone 2 build on this unit for data storage/retrieval and business insights. IAB206 Modern Data Management extends this unit earning to unstructured data such as graphs and documents which are also gaining popularity in the real world.

IFB295 IT Project Management

| | |
|-----------------|---|
| Pre-requisites | Completion of 96 credit points of study |
| Anti-requisites | IAB304 - Project Management |
| Equivalent s | INB201 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

In your information technology career, you will participate in and then lead project teams that are expected to deliver real benefits to stakeholders. This unit builds on your previous studies of earlier units to define a high-level solution by using a range of approaches of project management methodologies and frameworks. You will enhance your learning of these approaches (Agile, PRINCE2 etc.) by practicing it collaboratively with other students. To be successful in a complex environment, you need to employ appropriate project management strategies, tools and techniques for a given context. This unit provides you with the necessary knowledge and skills to enable you to effectively manage your project in the IFB398 Capstone Project (Phase 1) and IFB399 Capstone Project (Phase 2) and to be prepared for a project environment in industry.

IFB398 Capstone Project (Phase 1)

| | |
|------|------------------|
| Pre- | IFB299 or IFB295 |
|------|------------------|

| | |
|----------------|---|
| requisites | |
| Equivalent s | CAB398, IAB398 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit gives you the opportunity, under close guidance appropriate to the project, to apply and extend the knowledge and skills gained in your course to date to a substantial IT project. You will have the opportunity to gain knowledge and skills required for careful planning, scope control and task management to ensure the success of a industry-oriented project. Working in a team, you will undertake critical tasks required in the early stages of a project, such as: initial concept development and feasibility analysis, requirements gathering and analysis, design and project planning. These activities will culminate in the delivery of an initial version of the project deliverable (e.g., software prototype, design document, literature review, environmental scan, research plan, etc.) to stakeholders as a proposal for further development in the unit Capstone Project (Phase 2).

IFB399 Capstone Project (Phase 2)

| | |
|----------------|----------------------------|
| Pre-requisites | IFB398 or CAB398 or IAB398 |
| Equivalent s | CAB399, IAB399 |
| Credit Points | 12 |
| Campus | Gardens Point, |

| | |
|----------------|---|
| | EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Building upon the unit IFB398 Capstone Project (Phase 1), this unit gives you the opportunity to apply, under appropriate guidance, the knowledge and skills gained in your course to date to execute the completion of a planned project. In this unit you will apply your disciplinary and professional knowledge and skills to refine and extend the existing deliverable. You will use appropriate quality assurance techniques to ensure you are meeting your stakeholders' needs. You are expected to work professionally in a team to deliver a high quality outcome to project stakeholders. The final product is to be delivered as a professional package that can be used directly by stakeholders and, where appropriate, published for access by the broader community.

IFN001 Advanced Information Research Skills

| | |
|----------------|---|
| Credit Points | 4 |
| Campus | Gardens Point, Kelvin Grove, Online and External |
| Availabilities | Gardens Point - SEM-1, SEM-1 (Block), SEM-2, SEM-2 (Block) Kelvin Grove - SEM-1, SEM-1 (Block), SEM-2, SEM-2 (Block) Online - 6TP1, 6TP2, 6TP3, 6TP4, 6TP5, 6TP6 External - SEM-1, SEM-1, SEM-2, SEM-2 |

IFN001 is a 4-credit point

mandatory coursework unit for students in IF49, Doctor of Philosophy, IF80, and Masters of Philosophy students. It provides preparation for research at QUT by way of a systematic introduction to research skills and knowledge within the context of students' fields of research. The unit content assists students in their work for the Stage 2 milestone or research proposal completion. IFN001 lays the foundations of independent research, critical evaluation of information and effective management of information and research data, which will be further developed during the progression of a research degree. These skills are essential for scholars operating in today's data intensive research environment and facilitate the capacity for life-long learning.

IFN403 IT Honours Research Project-4

| | |
|----------------|--|
| Pre-requisites | IFN403-3. IFN403-4 may be studied in the same teaching period as IFN403-3. |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit is the final part of the Honours research project that provides the opportunity to identify and solve discipline based problem logically and creatively. The unit develops skills and knowledge of conducting independent research, justifying and presenting the research across a range of media. This unit will

prepare students to transition to either the professional world or for career in research.

IFN403 IT Honours Research Project-1

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

This unit is a research project and introduces the necessary skills in research. It enables students of Honors degree to start planning and researching a well-defined project with specific outcomes within a precisely defined project plan. This unit draws together the theory, practice and discipline fundamentals that have been covered in the Bachelor's degree as well as the knowledge gained in introduction to research (INN700). The research project will be developed further and completed the following semester in IFN403-2, IFN403-3 and IFN403-4.

IFN403 IT Honours Research Project-3

| | |
|----------------|--|
| Pre-requisites | IFN403-2. IFN403-3 may be studied in the same teaching period as IFN403-2. |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit is a research project and introduces the necessary skills in research. It enables students of Honors degree to start planning and researching a well-defined project with specific outcomes within a

precisely defined project plan. The research project is developed further, following the work done in IFN403-1 and IFN403-2. The research project will be developed further and completed in IFN403-4.

IFN403 IT Honours Research Project-2

| | |
|----------------|--|
| Pre-requisites | IFN403-1. IFN403-2 may be studied in the same teaching period as IFN403-1. |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit is a research project and introduces the necessary skills in research. It enables students of Honors degree to start planning and researching a well-defined project with specific outcomes within a precisely defined project plan. In this unit, the research project is developed further, following the work done in IFN403-1. The research project will be developed further and completed in IFN403-3 and IFN403-4.

IFN500 Design Thinking for IT

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

As emerging technologies provide increasing opportunities for innovation, design thinking is becoming a much sought after skill as it provides an effective approach to understand and develop user centred solutions. In this unit, you will be introduced to

design thinking as an approach for innovation and problem solving and how to apply this technique to develop IT solutions to real-world problems. This unit features a strong teamwork component. You and your team members will pitch your ideas and designs using oral and visual communication skills to gain user and peer feedback. You will then implement your design proposals, realising several design prototypes, evaluating and refining each throughout the semester. This unit lays the foundational design skills that will be integrated and practised through a design project in this unit, as well as throughout the degree.

IFN501 Programming Fundamentals

| | |
|----------------|--|
| Equivalent s | INN270 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This is a fundamental programming unit presenting programming concepts, enforcing good style, logical thinking, and the object-oriented paradigm using the C# language. The unit introduces the language by letting one to create working C# programs using both the simple command line and the Visual Studio environment. It introduces data and how to input, store and output data in C#. The unit will teach decision making, looping and array manipulation. Then it will introduce the object-oriented

concepts such as method and classes. It will provide a thorough study of methods, including passing parameters into and out of methods. It then teaches how to create classes, and then to construct objects that are members of those classes. This unit provides the necessary knowledge and core skills needed to continue on or to study more advanced programming, data science and software design units.

IFN502 IT Innovation and Disruption

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

There is an increasing need for information technology professionals to understand emerging and disruptive technology, evaluate its impact on the firm and its ecosystem, and to appreciate its strategic value within that firm's context. This unit will teach you how to conceptualise, analyse, and create an IT disruptive innovation. You will learn and execute a systematic approach to examining and generating IT disruptive innovations. You will investigate and understand fundamental theories and employ a set of techniques to identify and expand a potential value proposition. Activities include customer intimacy exploration (creating personas, scenarios, and journey maps) and expansion of value (service logic innovation, customer-dominant logic) and implementation (business model canvas).

IFN503 Fundamentals of Computer Systems

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

This unit introduces the core concepts of a computer system. It teaches the student to be able to work effectively with the modern computer environments and gain sufficient knowledge to be able to adapt to the evolution of computer systems in the future. The unit describes the different components of a computing environment such as computer architecture, operating system concepts, virtualisation and interactions of networked systems, cloud computing and the inherent security management of these systems. The unit teaches how data is stored and processed in a computer system. The relationship between high-level programming languages and the machine language is introduced. Operating system concepts such as process scheduling, parallel processing, memory management, inter-process communication and threads. The unit provides the necessary knowledge and core skills needed to continue on or to study advanced units in networking, security, data science and software development.

IFN504 Corporate Information Systems

| | |
|---------------|---------------|
| Credit Points | 12 |
| Campus | Gardens Point |

Units

| | |
|----------------|---------------------------------|
| Availabilityes | Gardens Point - SEM-1 |
|----------------|---------------------------------|

Information systems form the backbone of a corporate IT landscape, which integrates software (such as Cloud-hosted application services, mobile apps, Web sites) and hardware infrastructure (like for user interactions, data storage, environmental sensing, computational number crunching, and network connectivity). Organisations deploy information systems to implement new business models, rejuvenate their product and services portfolio, answer competitive threats, and improve their environmental, financial, or social sustainability and other purposes. In this unit, students are introduced to information systems in a corporate setting. In a case-based manner, students learn how to combine and deploy information technology components to form corporate systems, supporting newly conceived business cases. This unit introduces key IT concepts, related to prevalent and emerging trends in corporate information systems.

IFN505 Analysis of Programs

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilityes | Gardens Point - SEM-1, SEM-2 |

There is more to programming than knowing any specific language. Programming has a well-established mathematical basis. Crucial properties such as the correctness and

efficiency of a program can be formally defined, and it is possible to reflect about them at the algorithm level, before writing and running the program code. This knowledge is essential when developing 'critical' computer programs, where strong guarantees are required. This unit describes some of these underlying principles and applies them to well-known computational problems, to help give you a deeper understanding of your chosen field. Building on your previous programming experience or fundamental units, you will learn how to analyse algorithms and develop better programs.

IFN507 Network Systems

| | |
|-----------------|---------------------------------|
| Anti-requisites | INN350, INN251, INN351 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilityes | Gardens Point - SEM-2 |

This is a foundational networks unit addressing the core concepts, layered architecture and detailed protocols of computer networks and the Internet. It introduces network architecture and models, hardware and software, TCP/IP protocol stack, addressing and routing, wireless networks, network security, and network services and applications. The ability to understand, analyse, design, configure and manage computer networks and network services is a requirement for a range of graduate entry information technology positions. This is an introductory unit and the

knowledge and skills developed in this unit are relevant to computer science, computer engineering, networks, information security and other related majors. Other advanced-level networks and information security units build on this unit by extending your fundamental understanding of computer networks for more complex needs and various network application requirements.

IFN509 Data Manipulation

| | |
|-----------------|---------------------------------|
| Anti-requisites | INN342, INN343 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilityes | Gardens Point - SEM-1 |

In the information age, with astronomical amounts of data produced and made available every minute, information retrieval, predictive models and data visualisation become a central node of decision support for individuals and businesses alike. This unit will cover the basics of data representation and data analytics methods and how they should be used by applications. Through this, you will also gain an understanding of the big data challenges and acquire the necessary skills and knowledge to pursue Data Science related studies.

IFN511 Security Management

| | |
|-----------------|--------------------------------------|
| Anti-requisites | INN255 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |

Units

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

Information security is about protecting information and the systems that use, store and transmit information. This unit provides a foundation for understanding the field of information security, including information security goals, the threats to information assets, the associated risks, and best-practice approaches to managing information security. This unit is important in developing an understanding of the challenges involved in providing appropriate protection for organizational information assets.

IFN515 Fundamentals of Business Process Management

| | |
|-----------------|--|
| Anti-requisites | INN321 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit provides an in-depth introduction towards the management of Business Processes. It walks you through the fundamental stages of a typical Business process improvement initiative, from process identification, to monitoring, covering along the way process modelling, analysis redesign and automation.

IFN600 Understanding Research

| | |
|-----------------|--------|
| Anti-requisites | ENN541 |
| Credit | 12 |

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| Points | |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

As a professional, regardless of your discipline or context, you will be required to gather the best available evidence to make decisions, solve problems, establish best practice, as well as innovate and develop creative solutions. This unit will equip you with knowledge of the research skills and practices in order to master these capabilities. This unit will develop your understanding and higher-order thinking related to the key concepts, principles, methodologies and skills required in the application of research within academic and professional settings.

IFN619 Data Analytics for Information Professionals

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

This unit offers students a practical introduction to the field of data analytics. Students will learn common methods for quantitative and computational analytics, through which they can have an overview of key concepts, skills, and technologies for performing data analysis and producing appropriate visualizations. While the course covers relevant technologies for data analytics and information visualization, the focus is on solving problems which are driven from the

business/organizational perspective. Students will be introduced to real-life problems that involve collecting and analyzing data. Contemporary information contexts include smart cities, fusion/visualization of information sources e.g., to drive better decisions in agriculture

IFN620 Professional Practice

| | |
|----------------|---|
| Equivalent | INN632-6, INN634, ITN280 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1 |

This unit has been developed as an overarching unit in the Master of Information Science (Library and Information Studies) program, to establish meaningful links between the various units of study and to introduce you to contemporary professional practice in information agencies. The unit focuses on your own personal and professional development, enabling you to participate in industry seminars, fieldtrips, work placements and career mentoring. The development of your understanding of reflective practice will help you build your own Student ePortfolio to document your insights into and your experiences in the information profession.

IFN621 Information Science: What & Why?

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|---------------|---------------|
| Credit Points | 12 |
| Campus | Gardens Point |

Units

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| Availabilities | Gardens Point - SEM-1 |
|----------------|---------------------------------|

This unit surveys basic principles of cognitive and social psychology relevant to understanding the individual as information processor. In addition, it provides relevant perspectives and theories of how humans interact with information and details how these perspectives relate to fundamental aspects such as information organization, information requirements and information governance. Finally, it provides an overview of relevant technological tools.

IFN623 Human Information Interaction and Retrieval

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

This unit aims to provide an understanding of the cognitive architecture of human beings and how that influences human behaviour in information interactions. In addition, it aims to develop knowledge of the fundamentals of contemporary information management both from a conceptual and technological perspective. Unit content will be focused on developing your understanding of three themes: human information processing, human information interaction, and information processing technologies. You will be introduced to topics such as: why an understanding of information is important, theories and models of information interaction, and

principles of governance and ethics. This unit is modular and is designed to involve some weeks of interactive workshops involving problem-based learning, with other weeks dedicated to self-directed learning, rather than the traditional lecture and tutorial every week.

IFN641 Advanced Network Management

| | |
|-----------------|---------------------------------|
| Anti-requisites | INN650 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

The aim of this unit is to provide you with a deep understanding of the advanced technical issues pertaining to the management of organisational networks of various sizes. You will use the Unix environment as the learning platform for attaining additional technical skills and for the enhancement of existing problem solving skills necessary to be a successful network administrator or manager.

IFN642 Applied Cryptography and Network Security

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

We are increasingly dependent on IT systems, often interconnected, for storage and transmission of information.

However, there are many threats to information security. This unit will provide an in-depth understanding of modern cryptographic algorithms and their application to provide practical security services such as confidentiality, integrity assurance and authentication of entities. These services are important in addressing the security of information, particularly in networked systems; including IT networks, web services, and mobile and wireless systems. This unit will investigate the application of cryptographic techniques to protect information in modern network security scenarios.

IFN643 Computer System Security

| | |
|-----------------|--|
| Anti-requisites | INN550, INN651 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Computer system security is comprised of policies, processes and methods that apply to operating systems, services, tools and applications on computer systems for the purpose of preventing or limiting the effect of an attack. This unit provides an overall understanding of malware analysis techniques, digital forensics and penetration testing methods which can be used for securing a computer system. It provides you with unique opportunities to build and practise a complex security techniques to detect

and mitigate an attack or to perform forensics analysis on a compromised system. It encompasses analysis and problem-solving skills for developing solutions by synthesising a variety of methods using a collaborative approach. This advanced unit is available to network and security majors. It builds on the concepts introduced in IFN511. Together with IFN642, this unit provides the opportunity to build and evaluate security solutions for small to large scale networked computer systems.

IFN645 Data Mining Technology and Applications

| | |
|----------------|--|
| Equivalent s | INN342 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Data mining has been used intensively and extensively in many organizations around the globe as an efficient method of finding useful knowledge about their customers and business processes. It has been applied in many fields of business, industry and science to discover new knowledge. It is an exciting new field that combines databases, machine learning, artificial intelligence, high performance computing, and visualisation. The astronomical amount of data generated by organisations, and the application thereof, is too complex and voluminous to be processed and analyzed by

traditional methods. Data mining provides the technology to transform huge amounts of data into useful information for decision making. This unit will cover the concepts necessary to understand data mining techniques and apply them in various application settings.

IFN647 Advanced Information Storage and Retrieval

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

This advanced unit provides an understanding of the principles and techniques underlying the development of information storage and retrieval solutions to some of the varied and complex problems that involve heterogeneity of data (structured, unstructured, text, image, etc.), with very large amounts of data. It covers advanced structures for the representation of data for efficient representation, storage and retrieval that are imposed by modern systems, and practical experience of using tools and programming to solve real-world problems. This unit is motivated by the ubiquity of unstructured data in search engines, social networks, messaging, etc., for which it provides to future professionals and researchers in computer science and data science complimentary approaches to traditional systems. This advanced unit builds on a solid understanding of data structures and algorithms (IFN501), as well as an appreciation for

mathematical models of data in multi-dimensional spaces (IFN509).

IFN650 Business Process Analytics

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|----------------|---------------------------------|
| Pre-requisites | IFN515 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Business Process Analytics introduces you to a number of state-of-the-art business process intelligence techniques that can be used at various phases of a business process management life cycle. In particular, the unit focuses on techniques that can be applied as a prelude to process execution as well as techniques that can be used to analyse historical process data. You will be exposed to a set of tools, techniques and methods to analyse different perspectives of business processes. This unit builds upon the foundational knowledge gained from the Fundamentals of BPM unit and showcases advanced techniques in process-oriented data mining and their applications in various domains to improve processes.

IFN651 Lean Six Sigma

| | |
|----------------|---|
| Pre-requisites | IFN515. IFN515 can be studied in the same semester as IFN651. |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit introduces the Lean

Six Sigma methodology for improving Business Processes. You will learn how to combine statistical analysis techniques from Six Sigma with the principles of Lean Management, and apply these in the context of a Business Process Management (BPM) initiative. Hands-on case studies will provide you with direct exposure to common process issues that can be fixed through the application of Lean Six Sigma. The goal of this unit is to broaden and deepen your knowledge about different process improvement methodologies and their application to real-world business problems.

IFN652 Enterprise Business Process Management

| | |
|-----------------|---------------------------------|
| Pre-requisites | IFN515 |
| Equivalent s | INN327 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-2 |

This unit will provide an overview about all factors that impact the enterprise-wide deployment of Business Process Management (BPM). The unit will follow the six factors of a BPM maturity model and cover the impact of emerging technologies in the design and management of business processes.

IFN660 Programming Language Theory

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|---------------|----------------|
| Credit Points | 12 |
| Campus | Gardens Point, |

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| | EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit introduces the theory underlying computer programming language implementations. It explains how human-readable computer program code is translated into machine-executable instructions, and thereby helps understand the rationale for the design of various programming language features, the commonality between such languages, and the functions and limitations of program development environments.

IFN661 Mobile and Pervasive Systems

| | |
|-----------------|---------------------------------|
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-1 |

Smart phones, smart watches, and wearable sensors are commonplace with most adults in the OECD countries having multiple devices. Machines and components of machines are now equipped with 'intelligence', allowing machine to machine, machine to person and machine to computer connection. We live and work in the Internet of Things that can automate or support context aware processes, creating the Internet of Everything. This unit prepares you for this environment and develops your skills in designing products and applications that use these mobile and pervasive systems including sensors and smart

devices. It provides a broad overview of pervasive computing, communication and security technologies. You will analyse real systems to understand and critically evaluate their design and you will analyse real-life problems and, develop innovative solutions to a problems found in domains such as transport, health, buildings, and defence. This advanced unit serves as a stepping stone to further specialised graduate studies in networks, security, data sciences, computer science and user experience and can be the basis for a project (IFN701 or IFN702).

IFN662 Enterprise Systems and Applications

| | |
|-----------------|---------------------------------|
| Equivalent s | INN312 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabiliti es | Gardens Point - SEM-1 |

This unit introduces fundamentals of Enterprise Systems (also referred to as ERP systems) configuration. It uses the market leading SAP Enterprise System as the example to demonstrate how organizations could adopt packaged Enterprise Systems to its organizational and user requirements. It builds on your existing knowledge and skills in business information systems, organisational structures and modelling, which can be acquired through the Corporate Information Systems unit.

IFN663 Advanced Enterprise Architecture

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

IFN663 is an advanced unit on Enterprise Architecture (EA). The unit looks into the ways in which business and IT systems are planned using modelling techniques. It introduces how business and IT aligns and supports the scoping of IT solution architectures of individual systems and principles of enterprise architecture. It covers how to develop a multi-layered EA based on state-of-the-art modelling techniques in TOGAF Archimate and UML and provides skills for IT professional and senior roles. The unit builds upon pre-requisite knowledge from IFN500 Design Thinking for IT. Units such as IFN662 Enterprise Systems and Applications are highly related to this unit.

IFN665 Advanced Topic 1

| | |
|----------------|--|
| Pre-requisites | IFN600 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This advanced level unit offers the opportunity to undertake an in-depth examination of an advanced topic to acquire expertise in a discipline area. The skills gained in this unit are developed and refined through activities relevant to the discipline and topic. Such skills

are essential to effectively take your place as an emerging expert in your discipline area.

IFN680 Advanced Topics in Artificial Intelligence

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

Artificial intelligence aims to develop computer systems that can effectively and efficiently solve complex problems which traditional approaches often fail to handle. The main advantage of intelligent systems is that they can combine the traditional computer's capacity to remember millions of facts with the human being's cognitive skills, including learning and refining the existing body of knowledge, solving problems with reasoning, helping businesses with strategic planning, diagnosing mechanical faults or human diseases, playing games, and so on. It is important for information technology professionals to understand the concepts and techniques for building intelligent systems. This unit is to provide you with an understanding of the principles and basic techniques to develop computational solutions to complex problems and also some insight on the theoretical foundations of the techniques.

IFN690 Advanced User Centred Design

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

Theories and frameworks help us to understand how people interact with computers and devices and with other people. In particular, theories that are well grounded in studies of the contexts and cultures of human interaction give us ideas for how to design for those contexts and cultures. This unit introduces various theories and frameworks of human-computer interaction and recognizes the significance of theory for designing human-computer interaction. You will critically discuss and evaluate human-computer interaction theories. You will establish a reflective practice of observation, questioning, design intervention and evaluation. This practice will support you to use human-computer interaction theories in the workplace to support effective work and to guide effective user-centred design and research.

IFN691 Gamification and Persuasive Computing

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

The unit builds upon theories of human-computer interaction, game design and psychology in the development of technology designed to change attitudes and behaviours.

through persuasion and social influence. The unit focuses on gamification (i.e. the application of game elements and game design techniques to non-game problems) as a mechanism for addressing business and social challenges.

IFN695 Minor Project

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

This unit enables you to carry out an independent Work Integrated Learning (WIL) project addressing a research question or practical problem in theoretical or practical information technology.

IFN700 Project Management

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

This unit will help you develop leadership and project management skills to successfully lead teams in complex and changing environments. The majority of information technology (IT) and organisational change 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 introduces you to a range of traditional and contemporary approaches including Agile and PRINCE2 and develops skills

to select which approach is best suited for the particular project and its context. Agile project management will be covered in-depth as an example of a contemporary approach to project management. Agile project management values, principles, and practices that you learn in this unit are transferable to other project management approaches.

IFN701 Project 1

| | |
|----------------|---|
| Pre-requisites | IFN600 and completion of 48cp in the current masters course including one '600' series unit in the area of the project. |
| Credit Points | 24 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit enables you to carry out a research based project by applying an accepted method that leads to the testing of knowledge claims or the generation of new knowledge or theory in a specific domain of knowledge or context. The project addresses a research question or a practical problem through the application of IT theories, tools and techniques. It allows you to apply the knowledge of the research skills and practices used to undertake specific research activities. It provides an opportunity to individualize your studies by concentrating on a specific problem domain.

IFN702 Project 2

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|----------------|--------------------------|
| Pre-requisites | IFN701 and completion of |
|----------------|--------------------------|

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|----------------|---|
| requisites | 48cp in the current course, including one other '600' series project related unit. IFN701 can be enrolled in the same teaching period as IFN702 |
| Credit Points | 24 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

The aims of this unit are to help you apply skills previously attained in your degree to an advanced problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also expects you to prepare a well-written project report and prepare and deliver an oral presentation of the results of your project to a technical audience.

IFN703 Advanced Project

| | |
|----------------|--|
| Pre-requisites | IFN600 and IFN619 and 96cps of completed study |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

The project addresses a research question or a practical problem through the application of Data Analytics theories, tools and techniques. It allows you to apply the knowledge of the research skills and practices used to undertake specific Data Analytics activities. It provides an opportunity to individualise your studies by concentrating on a specific problem domain.

IFN705 Project 1

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|----------------|--|
| Pre-requisites | IFN600 and completion of 48cp in the current masters |
|----------------|--|

Units

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|----------------|---|
| | course including one IFN601-IFN699 unit in the area of the project. |
| Credit Points | 24 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit enables you to carry out a research based project by applying an accepted method that leads to the testing of knowledge claims or the generation of new knowledge or theory in a specific domain of knowledge or context. The project addresses a research question or a practical problem through the application of IT theories, tools and techniques. It allows you to apply the knowledge of the research skills and practices used to undertake specific research activities. It provides an opportunity to individualise your studies by concentrating on a specific problem domain.

IFN706 Project 2

| | |
|----------------|---|
| Pre-requisites | IFN705 and completion of 48cp in the current course, including one IFN601-IFN699 project related unit. IFN705 can be enrolled in the same teaching period as IFN706 |
| Credit Points | 24 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit enables you to carry out a research based project by applying an accepted method that leads to the testing of knowledge claims or the generation of new knowledge or theory in a specific domain of knowledge or context. The project addresses a research question or a practical problem

through the application of IT theories, tools and techniques. It allows you to apply the knowledge of the research skills and practices used to undertake specific research activities. It provides an opportunity to individualise your studies by concentrating on a specific problem domain.

IFT601 Thesis

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|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT602 Thesis

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|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT603 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT611 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Kelvin Grove and Gardens Point |
| Availabilities | Kelvin Grove - R1, R2 Gardens Point - R1, R2 |

IFT612 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT613 Thesis

| | |
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| Credit Points | 0 |
| Campus | Kelvin Grove and Gardens Point |
| Availabilities | Kelvin Grove - R1, R2 Gardens Point - R1, R2 |

IFT614 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT615 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT621 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Kelvin Grove and Gardens Point |
| Availabilities | Kelvin Grove - R1, R2 Gardens Point - R1, R2 |

IFT622 Thesis

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| Credit Points | 0 |
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Units

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|----------------|---|
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT631 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT632 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT633 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Kelvin Grove and Gardens Point |
| Availabilities | Kelvin Grove - R1, R2 Gardens Point - R1, R2 |

IFT634 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT635 Thesis

| | |
|----------------|--------------------------------|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point |

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| es | - R1, R2 Kelvin Grove - R1, R2 |
|----|---|

IFT636 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT637 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT641 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT661 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT662 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT663 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT664 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT665 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT667 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT671 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

Units

IFT681 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT682 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT683 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT691 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT692 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT693 Thesis

| | |
|---------------|---|
| Credit Points | 0 |
|---------------|---|

| | |
|----------------|---|
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT694 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT695 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT696 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT801 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Kelvin Grove and Gardens Point |
| Availabilities | Kelvin Grove - R1, R2 Gardens Point - R1, R2 |

IFT802 Thesis

| | |
|----------------|--------------------------------|
| Credit Points | 0 |
| Campus | Kelvin Grove and Gardens Point |
| Availabilities | Kelvin Grove |

| | |
|----|--|
| es | - R1, R2 Gardens Point - R1, R2 |
|----|--|

IFT803 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT811 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT812 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT813 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT814 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT815 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT821 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT822 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT831 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT832 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT833 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Kelvin Grove and Gardens Point |
| Availabilities | Kelvin Grove - R1, R2 Gardens Point - R1, R2 |

IFT834 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT835 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT836 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Kelvin Grove and Gardens Point |
| Availabilities | Kelvin Grove - R1, R2 Gardens Point - R1, R2 |

IFT837 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT841 Thesis

| | |
|---------------|---|
| Credit Points | 0 |
|---------------|---|

| | |
|----------------|---|
| Campus | Kelvin Grove and Gardens Point |
| Availabilities | Kelvin Grove - R1, R2 Gardens Point - R1, R2 |

IFT861 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT862 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT863 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Kelvin Grove and Gardens Point |
| Availabilities | Kelvin Grove - R1, R2 Gardens Point - R1, R2 |

IFT864 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT865 Thesis

| | |
|----------------|--------------------------------|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point |

Units

| | |
|----|---|
| es | - R1, R2 Kelvin Grove - R1, R2 |
|----|---|

IFT867 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Kelvin Grove and Gardens Point |
| Availabilities | Kelvin Grove - R1, R2 Gardens Point - R1, R2 |

IFT871 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT881 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT882 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT883 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT891 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT892 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Kelvin Grove and Gardens Point |
| Availabilities | Kelvin Grove - R1, R2 Gardens Point - R1, R2 |

IFT893 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT894 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Kelvin Grove and Gardens Point |
| Availabilities | Kelvin Grove - R1, R2 Gardens Point - R1, R2 |

IFT895 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFT896 Thesis

| | |
|----------------|---|
| Credit Points | 0 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - R1, R2 Kelvin Grove - R1, R2 |

IFX001 Science and Engineering Discipline Elective

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

IFX002 Science and Engineering Discipline Elective

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

IFX003 Science and Engineering Discipline Elective

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

IFX004 Science and Engineering Discipline Elective

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

IFX005 Science and Engineering Discipline Elective

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

Units

IFX006 Science and Engineering Discipline Elective

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

IFX007 Science and Engineering Discipline Elective

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

IFX008 Science and Engineering Discipline Elective

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

IFX011 Information Technology and Mathematics Discipline Elective

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

IFX012 Information Technology and Mathematics Discipline Elective

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

IFX013 Information Technology and Mathematics Discipline Elective

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

IFX014 Information Technology and Mathematics Discipline Elective

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

IFX015 Information Technology and Mathematics Discipline Elective

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

IFX016 Information Technology and Mathematics Discipline Elective

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

IFX017 Information Technology and Mathematics Discipline Elective

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

IFX018 Information Technology and Mathematics Discipline Elective

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

IFX021 Environmental Studies Discipline Elective

| | |
|---------------|----|
| Credit Points | 12 |
|---------------|----|

| | |
|----------------|-----------------------------------|
| Campus | EXCHANGE and External |
| Availabilities | External - XCH-1, XCH-2 |

IFX022 Environmental Studies Discipline Elective

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

IFX023 Environmental Studies Discipline Elective

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

IFX024 Environmental Studies Discipline Elective

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

IFX025 Environmental Studies Discipline Elective

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

IFX026 Environmental Studies Discipline Elective

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

IFX027 Environmental Studies Discipline Elective

| | |
|---------------|-----------------------|
| Credit Points | 12 |
| Campus | EXCHANGE and External |

Units

| | |
|----------------|-----------------------------------|
| Availabilities | External - XCH-1, XCH-2 |
|----------------|-----------------------------------|

| | |
|----|----------------|
| es | - XCH-1, XCH-2 |
|----|----------------|

IFX028 Environmental Studies Discipline Elective

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

IFX106 Creative Arts Discipline Elective

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

IFX114 Architecture Discipline Elective

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

IFX101 Creative Arts Discipline Elective

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

IFX107 Creative Arts Discipline Elective

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

IFX115 Architecture Discipline Elective

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

IFX102 Creative Arts Discipline Elective

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

IFX108 Creative Arts Discipline Elective

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

IFX116 Architecture Discipline Elective

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

IFX103 Creative Arts Discipline Elective

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

IFX111 Architecture Discipline Elective

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

IFX117 Architecture Discipline Elective

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

IFX104 Creative Arts Discipline Elective

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

IFX112 Architecture Discipline Elective

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

IFX118 Architecture Discipline Elective

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

IFX105 Creative Arts Discipline Elective

| | |
|----------------|-----------------------|
| Credit Points | 12 |
| Campus | EXCHANGE and External |
| Availabilities | External |

IFX113 Architecture Discipline Elective

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

IFX201 Health Discipline Elective

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

Units

IFX202 Health Discipline Elective

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

IFX208 Health Discipline Elective

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

IFX216 Nursing Discipline Elective

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

IFX203 Health Discipline Elective

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

IFX211 Nursing Discipline Elective

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

IFX217 Nursing Discipline Elective

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

IFX204 Health Discipline Elective

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

IFX212 Nursing Discipline Elective

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

IFX218 Nursing Discipline Elective

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

IFX205 Health Discipline Elective

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

IFX213 Nursing Discipline Elective

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

IFX301 Business Discipline Elective

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

IFX206 Health Discipline Elective

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

IFX214 Nursing Discipline Elective

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

IFX302 Business Discipline Elective

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

IFX207 Health Discipline Elective

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

IFX215 Nursing Discipline Elective

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

IFX303 Business Discipline Elective

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

Units

IFX304 Business Discipline Elective

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

IFX312 Humanities and Literature Discipline Elective

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

IFX318 Humanities and Literature Discipline Elective

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

IFX305 Business Discipline Elective

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

IFX313 Humanities and Literature Discipline Elective

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

IFX321 Business Discipline Elective (PG)

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

IFX306 Business Discipline Elective

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

IFX314 Humanities and Literature Discipline Elective

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

IFX322 Business Discipline Elective (PG)

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

IFX307 Business Discipline Elective

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

IFX315 Humanities and Literature Discipline Elective

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

IFX323 Business Discipline Elective (PG)

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

IFX308 Business Discipline Elective

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

IFX316 Humanities and Literature Discipline Elective

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

IFX324 Business Discipline Elective (PG)

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

IFX311 Humanities and Literature Discipline Elective

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

IFX317 Humanities and Literature Discipline Elective

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

IFX325 Business Discipline Elective (PG)

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

Units

IFX326 Business Discipline Elective (PG)

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

IFX327 Business Discipline Elective (PG)

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

IFX328 Business Discipline Elective (PG)

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

IFX401 Law Discipline Elective

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

IFX402 Law Discipline Elective

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

IFX403 Law Discipline Elective

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

IFX404 Law Discipline Elective

| | |
|---------------|-----------------------|
| Credit Points | 12 |
| Campus | EXCHANGE and External |

| | |
|----------------|-----------------------------------|
| Availabilities | External - XCH-1, XCH-2 |
|----------------|-----------------------------------|

IFX405 Law Discipline Elective

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

IFX406 Law Discipline Elective

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

IFX407 Law Discipline Elective

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

IFX408 Law Discipline Elective

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

IFX411 Behavioural Science, Social Studies and Human Movement Discipline Elective

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

IFX412 Behavioural Science, Social Studies and Human Movement Discipline Elective

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

IFX413 Behavioural Science, Social Studies and Human Movement Discipline Elective

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

IFX414 Behavioural Science, Social Studies and Human Movement Discipline Elective

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

IFX415 Behavioural Science, Social Studies and Human Movement Discipline Elective

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

IFX416 Behavioural Science, Social Studies and Human Movement Discipline Elective

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

IFX417 Behavioural Science, Social Studies and Human Movement Discipline Elective

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

Units

IFX418 Behavioural Science, Social Studies and Human Movement Discipline Elective

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

IFX501 Education Discipline Elective

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

IFX502 Education Discipline Elective

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

IFX503 Education Discipline Elective

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

IFX504 Education Discipline Elective

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

IFX505 Education Discipline Elective

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

IFX506 Education Discipline Elective

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

IFX507 Education Discipline Elective

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

IFX508 Education Discipline Elective

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

IFZ448 Thesis

| | |
|----------------|--|
| Credit Points | 48 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-1, SEM-2, SUM |

Testing the compare text function...

IFZ515 Fundamentals of Business Process Management

| | |
|-----------------|---|
| Anti-requisites | INN321 |
| Credit Points | 12 |
| Campus | Online and Gardens Point |
| Availabilities | Gardens Point - SEM-1 (Block), SEM-2 (Block) Online - SEM-1, SEM-2 |

This unit provides an in-depth introduction to the management of business processes. It walks you

through the fundamental stages of a typical business process management project, from process identification, to monitoring, covering along the way process modelling, analysis, redesign and automation.

IFZ650 Business Process Analytics

| | |
|----------------|---|
| Pre-requisites | IFZ515 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 (Block) |

Business Process Analytics introduces you to a number of state-of-the-art business process intelligence techniques that can be used at different stages of the Business Process Management lifecycle. In particular, the unit focuses on techniques that can be applied as a prelude to process execution as well as techniques that can be used to analyse historical process data. You will be exposed to a set of tools, techniques and methods to analyse different perspectives of business processes.

IFZ651 Lean Six Sigma

| | |
|----------------|---|
| Pre-requisites | IFZ515. IFZ515 can be studied in the same semester as IFZ651. |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 (Block) |

This unit introduces the Lean Six Sigma methodology for improving Business Processes. You will learn how to combine

statistical analysis techniques from Six Sigma with the principles of Lean Management, and apply these in the context of a Business Process Management (BPM) initiative. Hands-on case studies will provide you with direct exposure to common process issues that can be fixed through the application of Lean Six Sigma. The goal of this unit is to broaden and deepen your knowledge about different process improvement methodologies and their application to real-world business problems.

IFZ652 Enterprise Business Process Management

| | |
|-----------------|---|
| Pre-requisites | IFZ515 |
| Anti-requisites | INN327 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 (Block) |

This unit will provide an overview about all factors that impact the enterprise-wide deployment of Business Process Management (BPM). The unit will follow the six factors of a BPM maturity model and cover the impact of emerging technologies in the design and management of business processes.

IFZ695 Minor Project

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 (Block), SEM-2 (Block) |

This unit provides you with an

opportunity to individualise your studies by concentrating on a specific problem. You are expected to apply specialised knowledge gained from your information technology course to deliver well-defined project outcomes.

IFZ948 Thesis

| | |
|----------------|--|
| Credit Points | 48 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

IGB100 Game Studio 1: Mini-Game Development

| | |
|----------------|---------------------------------|
| Pre-requisites | IFB103 or ITD103 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

In this unit you will engage in the tasks that designers and developers carry out in order to create engaging game experiences. You will apply your emerging discipline expertise, as well as explore different game development roles, to create Mini Games that utilise simple game mechanics and rules.

IGB180 Computer Games Studies

| | |
|-----------------|--|
| Anti-requisites | INN180 |
| Equivalent s | INB180 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit is designed to give you a clear understanding of the socio-cultural issues that affect the computer game industry. Through critical review of games and games industry literature, playing games and actively participating in classroom discussion you will develop your capacity to join in the discourse about the design, impact and future direction of computer games in our society.

IGB181 Game Production and Technology

| | |
|-----------------|---------------------------------|
| Anti-requisites | INN181 |
| Equivalent s | INB181 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit provides foundational knowledge about the development processes, project management strategies and game development technologies used in the games industry. The unit focuses on the processes from game design through to project management and release within the context of the technologies used. It covers the essential phases within the game/interactive environment development process and life cycle.

IGB200 Game Studio 2: Applied Game Development

| | |
|----------------|--------------------------------------|
| Pre-requisites | IGB100 and (IGB180 or INB180) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |

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

In Game Studio 2 you will develop a digital game-based experience to meet a defined project brief. Game Studio units are fundamental to the BGIE, and focus on the integration of design principles with practical development skills. In many contexts, game designers and developers work towards a predefined design brief, and in this unit you will build a game to meet the requirements set by an industry partner. You will work in teams to create this interactive experience, applying your discipline expertise and emerging project management skills. You will employ an agile development process that allows for evaluation of the emerging product. The processes employed throughout the unit will extend your understanding of industry practices, allowing you to develop the professional and interpersonal skills required to succeed within this profession.

IGB220 Fundamentals of Game Design

| | |
|----------------|---------------------------------|
| Pre-requisites | IGB180 or INB180 |
| Equivalent s | INB280 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

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, as the result of these activities can determine whether the player finds the game enjoyable or not. This unit provides an introduction to game design, by starting with high level conceptual design tasks before moving to more concrete tasks. You will develop practical and theoretical knowledge of game design issues such as: how game systems work, how to define rules for the world, and how to balance the rules to ensure enjoyable game play. At the end of the unit, students will have worked individually and in a small project team to demonstrate their understanding of these concepts. In this unit you will analyse relevant theory, create a design document, build a prototype and undertake playtesting.

IGB283 Game Engine Theory and Application

| | |
|-----------------|--|
| Pre-requisites | CAB201 and (IGB181 or IFB102 or ITD102). CAB201 can be studied in the same teaching period as IGB283 |
| Anti-requisites | INB381 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit will introduce you to the mathematics for computer graphics and games. Instead of just teaching mathematics, this unit focuses on taking mathematical theory and learning to program small examples in a game engine. The core parts of any game

engine are the mathematical representations and algorithms. This unit will give you a basic understanding of the mathematics behind 3D graphics and games and the ability to apply the theory to solve problems in game engine development and software development in related areas. The unit is placed early in the course in order to provide you with foundation knowledge and skills for programming and using 3D game engines. It is a pre-requisite for following advanced units that will build on these skills to provide you with enough knowledge to develop your own game engine and to have a deeper insight into popular commercial engines and tools used in the course.

IGB300 Capstone Project (Game Design)

| | |
|-----------------|---------------------------------|
| Pre-requisites | IGB200 |
| Anti-requisites | INB379 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit provides you the opportunity to consolidate your game design and development skills. You will work in a team to design an engaging interactive experience. The process will be underpinned by an agile project management process, allowing iterative and rapid refinement of design ideas.

IGB301 Capstone Project (Game Development)

| | |
|-----------------|---------------------------------|
| Pre-requisites | IGB300 |
| Anti-requisites | INB380 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

The Capstone Project units within the BGIE (IGB300 and IGB301) allow you to extend your professional skills by taking a substantial game development project from concept to prototype. These units will extend your discipline knowledge and skill, while further developing your professional practice. In IGB301 Capstone Project (Game Development) you are expected to implement, evaluate and publish a working game prototype based on an existing game design (i.e. produced in the pre-requisite unit IGB300).

IGB320 Game Design in Different Contexts

| | |
|-----------------|---------------------------------|
| Pre-requisites | IGB220 or INB280 |
| Anti-requisites | INN180 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

The unit builds upon theories of human-computer interaction, game design and psychology in the development of technology designed to change attitudes and behaviours through persuasion and social influence. The unit focuses on gamification (i.e. the

application of game elements and game design techniques to non-game problems) as a mechanism for addressing business and social challenges.

IGB321 Immersive Game Level Design

| | |
|----------------|---------------------------------|
| Pre-requisites | IGB220 or INB280 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Level design is a critical, key component to any video game, no matter how abstract or realistic. It is crucial that a level designer has the ability to lay out levels, construct levels within game engines, plan gameplay scenarios and place non-player characters. This unit will help students develop these abilities as well as skills such as building terrain, building architecture and spaces, balancing gameplay, integrating narrative elements and goals, playtesting and implementing iterative design improvements, designing lighting and atmospheric effects and other genre-specific level design skills. Students are expected to have some degree of high level game design skills and preliminary scripting abilities for this unit.

IGB381 Game Engine Technology

| | |
|----------------|-------------------------------|
| Pre-requisites | (CAB301 or INB371) and IGB283 |
| Equivalent s | INB382 |
| Credit Points | 12 |

| | |
|----------------|---------------------------------|
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Modern game engines are a complex combination of multiple technologies. This unit will extend your knowledge of game programming by providing you with theory and practice in using advanced engine technology elements such as geometry manipulation and real time rendering techniques. Game engines simulate physics to provide a basis for the development of game worlds. This unit will give you a thorough understanding of the mathematics behind these visual simulation components and the ability to solve problems in related game engine development. The unit is placed later in the course to provide you with advanced knowledge and skills for programming 3D game engines, in conjunction with IGB383 AI for Games. The theory and skills learned in this unit will help you create a high quality game in your capstone project units IGB300 and IGB301.

IGB383 AI for Games

| | |
|----------------|---------------------------------|
| Pre-requisites | CAB301 and IGB283 |
| Equivalent s | INB383 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

The aim of this unit is to provide students with an intermediate to advanced level course in computer game AI, involving computational

approaches to solving a wide range of problems in the interactive entertainment and game industries.

IGB400 Game Studio 3: Game Innovation

| | |
|----------------|---------------------------------|
| Pre-requisites | IGB300 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit explores how game technology and design can be applied in innovative ways in other areas. This unit aims to extend your discipline expertise, providing you with the additional knowledge, skills and insights that allow you to create an innovation within the field. This unit aims to extend your discipline expertise, providing you with the additional knowledge, skills and insights that allow you to create an innovation within the field with a particular focus on helping you create a well rounded portfolio to support you post graduation. You can explore innovation within the games industry or impact more broadly on other industries.

INB305 Special Topic 4

| | |
|----------------|--|
| Pre-requisites | INB311 or INB312 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Topic for Summer 2014: Customer

Relationship Management Systems This unit builds on your previous knowledge of Enterprise Systems (Selection & Implementation or Application). You will investigate and explore different aspects of how corporations can employ CRM systems, covering marketing and planning, campaign management, e-marketing, customer lifecycle management, retention management, CRM service orchestration, lead management, analytics, customer segmentation, service order support and customer processing. Both conceptual and practice-based content will be critiqued in the unit. Your learning is enhanced through a combination of practical exercises, review of case studies and industry speakers. We will use the SAP CRM system for hands-on exercises as an exemplar of a CRM system.

INB306 Project 1

| | |
|----------------|---|
| Pre-requisites | INB101, INB102, INB103, INB104 and (INB201 or IFB299) |
| Equivalent s | ITB230 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit gives you the opportunity to apply, under appropriate guidance, the knowledge and skills gained in your course to date and to execute a substantial development project. The ability to apply technical

knowledge and skills to real-life situations is essential for information technology professionals. A substantial project, under academic supervision, will develop your initiative and ability to apply your knowledge and skills in a professional capacity. Completing the project will also enable you to appreciate the complementary nature of the course material in total, particularly the need for careful project management.

INB307 Project 2

| | |
|----------------|--|
| Equivalent s | ITB791 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit gives you the opportunity to apply, under appropriate guidance, the knowledge and skills gained in your course to date and to execute a substantial development project. The ability to apply technical knowledge and skills to real-life situations is essential for information technology professionals. A substantial project, under academic supervision, will develop your initiative and ability to apply your knowledge and skills in a professional capacity. Completing the project will also enable you to appreciate the complementary nature of the course material in total, particularly the need for careful project management.

INN700 Introduction to Research

| | |
|-----------------|---|
| Pre-requisites | Admission into IT28, IT29 or IN10 |
| Anti-requisites | ENN541 |
| Equivalent s | ITN100 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2 |

This unit is aimed at students commencing a major research project, a main purpose being to shepherd them through production of their first detailed research proposal in the topic area of their intended research, while also serving to orient them in their research efforts. Quality control and good project management are encouraged throughout the research project as is close attention to scope and issues management. Main items of assessment pertain to each student's unique, research project being pursued in parallel. Students review literature related to their research in depth and prepare a detailed proposal outlining the research question, design and project plan. There are guest speakers on information searching, research ethics and intellectual property and commercialisation.

INN701 Advanced Research Topics

| | |
|-----------------|---|
| Pre-requisites | INN700 which can be studied in the same teaching period as INN701 |
| Anti-requisites | ENN541 |
| Equivalent | ITN269 |

| | |
|---------------------|---|
| Other prerequisites | Except with special permission, this unit is restricted to and mandatory for students enrolled in Honours, Professional Doctorate and PhD courses, and is optional for Research Masters students. |
| Assumed Knowledge | INN700 may be waived for invited, advanced, high-performing undergraduate students |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit is designed for research students who are involved in a substantive research project. The unit intends to offer students a range and choice of research topics that are either directly relevant to and facilitate your research project, or which usefully broaden your understanding of research and the research process, thereby better equipping you for a possible research career. It is intended to produce a stimulating environment in which students and the module-leader interact extensively. The unit is distinctive in that it: • in many ways mirrors an advanced seminar series; • assumes that students are self-motivated and conscientious; • seeks to 'involve' students and anticipates that each student will have a very personal experience of their involvement; • does not aim to test knowledge, learning or understanding, but rather employs assessment to motivate student preparation and participation.

ITD101 Impact of IT

| | |
|-----------------|---------------------------------------|
| Anti-requisites | IFB101 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2 |

It is important for IT professionals to understand the impact that information technology has had, and will continue to have, in every facet of people's lives, in the way that organisations conduct business, and in the changing characteristics of societal structure. Whether you aspire to be a software developer, a business analyst, a network engineer, a games designer, or any other IT specialist, you will require a basic understanding of how information technology influences and shapes the environments in which people live, work and play. They need to understand how this impact motivates the decisions of businesses and government institutions. This unit provides you with the foundations to become a considered and ethical professional. The theme of the impact of IT and your responsibility as a professional will continue to be considered in your degree course.

ITD102 Introduction to Computer Systems

| | |
|-----------------|---------------------------------------|
| Anti-requisites | IFB102 |
| Equivalent s | INB102 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP2, 13TP3 |

Computers, networks and the web are ubiquitous and underpin all information technology. You need a general understanding of these technologies and their relationships in order to effectively participate in the IT industry and as basis for further learning. This unit provides a technological underpinning to subsequent computing units which cover: programming, the Web, software architecture and computer systems.

ITD103 IT Systems Design

| | |
|-----------------|---------------------------------------|
| Anti-requisites | IFB103 |
| Equivalent s | INB182 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP2, 13TP3 |

Due to their often intangible and complex nature, design problems in IT are addressed by teams with members having different and complementary skill sets. This foundation unit provides you with knowledge of design thinking, related processes and methods and what it means to design within information technology rich contexts. This unit situates you in a challenging domain and asks you to solve a problem leveraging your IT knowledge, applying fundamental design, teamwork and communication skills to accomplish this challenge. These skills are used extensively in units across your degree, the final capstone project, and your professional life on graduation.

ITD104 Building IT Systems

| | |
|-----------------|--|
| Anti-requisites | IFB104 |
| Equivalent s | ITB001, INB104 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

Modern IT systems are built using a wide range of technologies such as programming and scripting languages, databases, web interfaces, etc. This introductory unit gives you hands-on experience with a variety of the computer languages used to build IT systems as well as a basic understanding of the way computer language code is written. This provides a firm foundation for further study on specific kinds of programming, such as networking, embedded systems, artificial intelligence, etc. Even if you do not intend to pursue computer programming as a vocation, it is important that you are exposed to programming languages and understand how IT systems are actually built, to give you an appreciation of both the capabilities and practical limitations of the process. These concepts can be extended further in subsequent programming units in the Computer Science Major and application design and development units in the Information Systems Major.

ITD105 Database Management

| | |
|--------------|--------|
| Equivalent s | IFB105 |
|--------------|--------|

| | |
|----------------|---------------------------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP2, 13TP3 |

This is an introductory unit on database addressing the core concepts, requirements and practices of databases. It introduces conceptual data modeling to address a key area of concern of modeling structured data to build a comprehensive understanding of the data aspect of a problem. You will learn how to transform such data model into a relational database design as well as how to effectively retrieve data through SQL (Structured Query Language) queries. Normalization, database security/administration, other special topics and ethical aspects related to information systems are also covered.

ITD121 Programming Principles

| | |
|-----------------|--|
| Pre-requisites | ITD104 or IND104 |
| Anti-requisites | CAB201 |
| Equivalent s | INB270 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

Computer programs and scripts are the fundamental way in which we tell computers how to solve problems. All Information Technology students need an appreciation of the skills involved in programming and scripting, and all IT professionals need to understand the challenges and constraints that arise during

software development. This introductory unit builds on the specific knowledge and skill you gained from Building IT Systems, as well as elements from the other foundational units on Design and Technology. It prepares you for ongoing development of your programming skills and an appreciation of the technical issues that must be considered when working with other programmers. The unit gives you the foundation for subsequent programming courses within the Computer Science major. The unit deals mainly with small-scale program development providing an essential foundation for later units on large-scale system development or development of software for specialised application domains.

ITD122 Modelling Techniques for Information Systems

| | |
|-----------------|--------------------------------|
| Pre-requisites | |
| Anti-requisites | IAB201 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP3 |

This introductory unit provides you with foundation skills and knowledge for understanding, analysing and designing information systems. Information systems are complex man-made socio-technical systems, and analysing and designing such systems require ways and mechanisms to manage this complexity. This unit expands your knowledge in Design and

Building IT Systems by introducing conceptual modelling mechanisms that allow you to analyse and develop complex and modern information systems. The following semester units will build on the skills around the conceptual modelling of information systems learned in this unit, for example, by applying it to the methods taught in Business Process Modelling or Business Analysis

IZN001 Principles and Practices of University Learning and Teaching

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove and Gardens Point |
| Availabilities | Kelvin Grove - SEM-1 Gardens Point - SEM-1 |

Drawing on evidence-based research, this unit addresses strategies for engaging students in learning, the key factors of student success and support for learning for diverse groups of students, principles and approaches to effective communication across multiple mediums, and producing blended learning resources. It provides you with a variety of opportunities to implement targeted strategies for enhancing student learning in your professional practice. **Requisite professional activity** Because you will apply principles in practice for assessment in this unit, enrolment in it requires that you are concurrently involved in substantial teaching activity and/or support for learning activities (lecturing and/or

tutoring across a unit; supervising postgraduate students; or directly supporting student learning in a professional capacity).

IZN002 Curriculum Design and Assessment in Contemporary Learning Environments

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - SEM-2 Kelvin Grove - SEM-2 |

Drawing on QUT's developmental, whole-of-course approach and Real World Learning 2020 Vision, this unit provides you with opportunities to apply principles and strategies for effective curriculum design, assessment and support for learning in the design of courses and units, and to explore innovative approaches to enhancing student learning across transitional and midpoint years and in a range of learning environments, including embedding learning technologies for achieving the unit's learning objectives.

IZN003 Research and Career Planning and Development

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - SEM-1 Kelvin Grove - SEM-1 |

This unit will extend and enhance your strategic engagement with the broader university environment and

prepare you for career success across research, teaching and service. You will develop and utilise knowledge, skills and resources necessary to enhance your academic/professional career planning and development, to lead in university contexts, and to contribute to the creation of new knowledge for the advancement of your discipline field.

IZN004 Scholarly Learning and Teaching Project

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and Gardens Point |
| Availabilities | Kelvin Grove - SEM-2, SUM Gardens Point - SEM-2 |

Through a supported process of project design and implementation you will research, initiate and effect a Scholarship of Learning and Teaching (SoLT) project within the theme of collaboration in the context of higher education. The project's rationale, aims and objectives, research methods, and evidence-based outcomes will be reported and presented as scholarly research. Through a guided process you will also participate in a scholarly peer review process.

JSB158 Policing Diversity

| | |
|----------------|--|
| Equivalent s | JSB157 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External |

- SEM-2

The issue of policing diversity is salient because of the nature of police work and the type of community engagement it entails. This unit will focus on a range of issues facing police and policing in relation to the growing diversity of Australia's population. A significant component of this unit will be a focus on the specific issues regarding the relationship between police and diverse communities such as those identified by race, ethnicity, religion, sexuality, gender-identity difference, disability and homelessness. Police awareness training and identifying strategies to prevent misconduct and maintain awareness of bias towards diverse people will also be a focus within the unit.

JSB170 Introduction to Criminology and Policing

| | |
|----------------|---|
| Equivalent s | JSB131, JSB011, JSB101 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1, XCH-1, XCH-2 |

This unit will provide you with an introduction to the Criminology and Policing major before you make your choice. It will provide you with a foundation for understanding criminology and policing. It begins with an exploration of the existing explanations of crime from both an individual and social perspective and will provide you with a background

of policing in Queensland, Australia and internationally. The remainder of the unit then covers topics of interest to those within the area of criminal justice, policing and criminology, for example, crimes in the home, crime in public, cyber crime, and street crime.

JSB171 Justice and Society

| | |
|----------------|---|
| Equivalent s | JSB131, JSB011, JSB101 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1, XCH-1, XCH-2 |

The Justice degree seeks to produce competent justice professionals. In order to achieve this purpose, this degree combines knowledge of the criminal justice system with an understanding and appreciation of the complexities of social justice. The purpose of this unit is to introduce students to the structural parameters of social justice.

JSB172 Professional Academic Skills

| | |
|----------------|---|
| Equivalent s | JSB132, JSB012, JSB104 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1, XCH-1, XCH-2 |

This unit teaches students about being competent and ethical criminal justice

professionals. It introduces professional and academic skills, to lay a successful foundation for academic achievement during the degree and for later professional achievement in the real world of criminal justice work.

JSB173 Understanding the Criminal Justice System

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

The Bachelor of Justice seeks to produce competent justice professionals. In order to achieve this purpose, this degree combines knowledge of the criminal justice system with an understanding and appreciation of the complexities of social justice. This unit provides a clear overview and critical examination of the Australian criminal justice system.

JSB174 Forensic Psychology and the Law

| | |
|-----------------|---|
| Anti-requisites | PYB215 |
| Equivalent s | JSB136 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2, XCH-1, XCH-2 |

Forensic Psychology is readily acknowledged as one of the fastest growing areas of psychology in the world.

Psychologists are now involved significantly in policing, judicial procedures and correctional processes. The term 'forensic' literally means 'of or used in law courts' (Australian Oxford Paperback Dictionary). The phrase '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 multidisciplinary 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.

JSB176 Criminal Law in Context

| | |
|----------------|---|
| Equivalent s | JSB242, JSB024, JSB204 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2, XCH-1, XCH-2 |

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 the fundamental principles of criminal law and of social justice issues related to criminal law. Lay people 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 of 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

| | |
|----------------|---|
| Equivalent s | JSB081, JSB251, JSB271 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

This course is designed to help you meet the selection criteria for research and policy positions in government agencies. This unit will teach you basic vocational skills for working in any government agency, whether it is the Department of Justice, the Police Service or the Army. All government agencies rely on similar writing, communication and consultation skills for developing police, and many important public policies concern issues of law and justice. These skills are also used in the community sector and interest groups, and increasingly by the private sector. A theoretical and practical understanding of good policy-making and the role of

law and policy in governance will be a distinct advantage for both your career and citizenship roles.

JSB180 Deviance

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

This unit provides students with a comprehensive, empirically based, theoretically informed, international, interdisciplinary overview of the study of deviance in the social sciences. It provides a critical survey of causes, interpretations and reactions to deviance, with reference to real world social issues such as drug and alcohol abuse, tobacco consumption, graffiti, body art, suicide, sexual deviance (such as nudity, pornography, paedophilia, sado-masochism, public sex), bullying, violence, and mental health.

JSB184 Sex and Crimes

| | |
|----------------|---|
| Pre-requisites | 48cp of previous study |
| Equivalent s | JSB984 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

This unit teaches specialised knowledge to students about how sex crime is legislated, regulated and adjudicated and explores the implications that

this may produce for victims and offenders. It connects broader knowledge about policing and criminal justice with specific issues relevant to sex offenders and sex crime victims involved in the criminal justice process.

JSB207 Punishment and Penal Policy

| | |
|----------------|--|
| Pre-requisites | JSB172 or JSB173 or LLB101 or PYB007 |
| Equivalent s | JSB373 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2, XCH-2 |

In the modern Western context, concerns with crime, victimisation and social harm are key concerns for the citizenry. These issues also make up a significant part of media and political discourse and it could thus be argued that crime and punishment are defining cultural motifs of modern Western societies, forever concerned with security and safety from the 'criminal other'. This unit offers you a critical overview of the evolution of Western responses to crime over the past two centuries. The unit introduces the philosophies and theories that have underpinned the development of penal policy during that period. Utilising Australian and other case studies, you will be introduced to a range of policies and interventions associated with the construction of the modern penal system. The various

stages of the development of penal policy will be covered. The unit will challenge you to think critically about a range of key issues confronting the penal system and policy-makers.

JSB208 Gender, Crime, and the Criminal Justice System

| | |
|----------------|---|
| Pre-requisites | 96cp of previous study |
| Equivalent s | JSB971 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1, XCH-1, XCH-2 |

The Justice degree aims to produce competent justice professionals. In order to achieve this purpose, this degree combines knowledge of the criminal justice system with an understanding and appreciation of the complexities of social justice. This unit explores patterns in gendered: 1. offending 2. victimisation, and 3. experiences with criminal justice systems.

JSB209 Transnational Organised Crime and Terrorism

| | |
|----------------|--------------------------|
| Pre-requisites | 96cp of previous study |
| Equivalent s | JSB977, JSB982 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SUM |

This unit is designed to provide students with an introduction to transnational and organised

crime (TOC) and terrorism. Transnational organised crime has grown exponentially over the past two decades; similarly, terrorist organisations continue to threaten global security. 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. Organised crime and terrorist groups have existed for hundreds of years; they will continue to provide a focus for intelligence, security and policing operations for many generations to come. This unit seeks to explore and explain the basic nature of transnational organised crime and terrorism.

JSB219 Case Studies in Major Crime

| | |
|----------------|------------------------------------|
| Pre-requisites | 96 credit points of previous study |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SUM |

Serious crimes such as homicide and child abuse are prominent in contemporary media debate and public commentary. Criminology and Justice Studies are multidisciplinary enterprises with a key focus on how both the criminal justice system and society more generally responds to these types of crime events. By closely studying different aspects of a range of historical major crimes, students will obtain a

better understanding of the important criminal justice system responses and social processes associated with these events, and will develop enhanced skills in cultural analysis and social justice. The unit's focus on real world social problems will appeal to QUT's broader student market.

JSB261 Theories of Government

| | |
|----------------|---|
| Pre-requisites | JSB172 or JSB178 or LLB101 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1 |

This unit focuses upon the major theories about the operation of governments, along with the principles of authority, legitimacy and freedom.

JSB263 Australian Political Institutions

| | |
|----------------|---|
| Pre-requisites | JSB172 or JSB178 or LLB101 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

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 for Justice Professionals

| | |
|----------------|---|
| Pre-requisites | 96cp of previous study |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1, XCH-1, XCH-2 |

Statistics is an important skill that is becoming increasingly desirable within justice professions (i.e., policing, corrections, courts, etc). This unit is designed to provide students with a basic foundation in statistics and how it can be used to understand a range of social problems. This unit may be of particular interest to students wanting to pursue further postgraduate study or who have a keen interest in research methods.

JSB266 White Collar Crime and Official Corruption

| | |
|-----------------|---|
| Pre-requisites | JSB172 or JSB178 or LLB101 |
| Anti-requisites | JSB183, JSB265 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2, XCH-1, XCH-2 |

The study of public sector



a university for the real world

ethics covers the types of actions and the methods of enforcement required to bring about performance in the public interest. This unit will introduce you in detail to the most important issues of public sector ethics, both in Queensland and the world. As government employees, it is essential that you not only understand these concepts but put them into practice. White collar crime is becoming more common in Australian society. 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. The study you will undertake in this unit follows on from learning in JSB172 Professional Academic Skills or JSB178 Policy, Governance and Justice.

JSB270 Global Justice and Human Security

| | |
|-----------------|---|
| Pre-requisites | 96cp of previous study |
| Equivalent s | JSB260 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - SEM-1, XCH-1, XCH-2 |

This unit offers students an advanced education about global justice with a focus on human rights and human security. It explores issues of political, social, economic and

environmental injustice through an examination of specific global events and trends involving human conflict, dislocation, and disadvantage. The unit also introduces students to the theories of justice, crimes of the powerful, nationalism, cosmopolitanism and human security as a means to understand and critique global injustices. Domestic and international efforts to prevent and punish human rights violations will also be explored during this unit through an analysis of international cooperation and justice. This unit is essential learning for students planning a career in the Department of Defence, Department of Foreign Affairs and Trade, the Australian Federal Police, AusAid, the United Nations and numerous other Australian and international agencies.

JSB272 Theories of Crime

| | |
|-----------------|---|
| Pre-requisites | JSB172 or JSB173 or LLB101 or PYB007 |
| Anti-requisites | JSN113 |
| Equivalent s | JSB231, JSB018 |
| Credit Points | 12 |
| Campus | EXCHANGE, Gardens Point and External |
| Availabiliti es | Gardens Point - SEM-1 External - SEM-1, XCH-1, XCH-2 |

This unit explores the ways that crime has been constucted and regulated in different times and contexts, introducing students to the study of theoretical criminology. Traditional and innovative, emerging perspectives will be

examined. Criminology is essentially multi-disciplinary and this is reflected in the diversity of theoretical approaches, drawing on philosophical, scientific, geographic, sociological, political, economic and cultural explanations for and methodologies to investigate crime. There is an emphasis on 'theory in action' in this unit. Students will examine popular culture depictions and practical applications of ideas when questioning how and why crime is understood and particular policy, policing and punishment strategies are developed. Additionally, the unit provides an analytical framework in order to critically assess the epistemological claims and justifications found in criminological theory. Criminological theories are viewed as embedded governmental practices aimed at ensuring the regulation and control of particular 'problem populations'.

JSB273 Crime Research Methods

| | |
|-----------------|---|
| Pre-requisites | JSB170 or JSB172 or JSB178 or LLB101 or PYB007 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-1 External - SEM-1, XCH-1, XCH-2 |

This unit builds upon research skills acquired in first-year study and is thus intended to provide knowledge and skills in research design and methodology for use in the

Units

fields of criminal justice, justice administration and criminology. The aims of this unit are three-fold. First, to revisit issues central to the research process. Second, to introduce students to a variety of research design models, data collection techniques and data analyses. Third, to give students the practical skills in designing and carrying out research and reporting research results. This subject, offered as a compulsory primary major unit in both the Criminology and Policing and Policy and Governance majors, sets the foundation for research in the Justice honours program.

JSB276 Independent Study

| | |
|-------------------|---|
| Pre-requisites | 96cp of previous study |
| Anti-requisites | JB976 |
| Other requisites | 96cp of previous study, minimum GPA of 5 and unit coordinator approval |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | EXCHANGE, Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2, XCH-1, XCH-2 |

In the course of their study, Justice students may discover an area that is of particular interest to them, or that has specific relevance to their intended professional orientation. This unit affords the opportunity to pursue such interests, extending aspects of their coursework in depth as well as further developing

research skills. Students considering further study in the Bachelor of Justice (Honours) are encouraged to undertake this unit for entry to the program.

JSB277 Independent Study

| | |
|-------------------|---|
| Pre-requisites | 96cp of previous study |
| Equivalent s | JSB976 |
| Other requisites | 96cp of previous study, minimum GPA of 5 and requires academic approval |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2, XCH-1, XCH-2 |

In the course of their study, Justice students may discover an area that is of particular interest to them or that has specific relevance to their intended professional orientation. This unit affords the opportunity to pursue such interests, extending aspects of students' coursework and professional interests in more depth as well as further developing research skills. Students considering further study in the Bachelor of Justice (Honours) are encouraged to undertake this unit for entry to the program.

JSB284 Policing in Context

| | |
|----------------|--------------------------------------|
| Pre-requisites | JSB170 or JSB172 or LLB101 or PYB007 |
| Equivalent s | JSB274 |
| Credit Points | 12 |

| | |
|----------------|---|
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1, XCH-1, XCH-2 |

This unit is concerned with the diverse roles, duties, powers and problems of policing in Australia. These issues are explored through a number of different themes across the semester.

JSB285 Political Violence and Terrorism

| | |
|----------------|----------------------------|
| Pre-requisites | 96cp of previous study |
| Equivalent s | JSB985 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - XCH-1 |

In this unit you will learn about politically motivated violence and terrorism in its diverse forms and historical context. It asks students to critically explore the characteristics of groups and movements that use these methods, the diverse reasons people come to engage in politically motivated violence, the development of responses to terrorism through policy and practical measures, and the influence of technology and other factors in the evolution of these groups and movements. It draws on diverse historical and present day cases to place the contemporary challenges of political violence and terrorism into historical perspective, and asks students to think critically about the nature of political violence, and the possibilities and limitations of institutional

responses to it.

JSB286 Domestic Violence

| | |
|----------------|---|
| Pre-requisites | 96cp of previous study |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

Domestic violence is a crime that is pertinent to virtually all justice professions and contexts from policing to law and justice policy. It is also a central issue in health care and social services, and arises in many other employment contexts. This unit provides a comprehensive introduction to research and issues in the field that students will be able to apply in many areas of practice.

JSB290 Victimology

| | |
|----------------|---|
| Pre-requisites | 96 credit points of previous study |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

This unit builds on your understanding of criminology by introducing you to the closely aligned discipline of victimology. This unit centres the perspectives of victims and provides opportunity to build a more comprehensive understanding of criminal justice, political perspectives, and working with vulnerable people. The unit will provide you with opportunities to build, practice and provide evidence

of your analysis and problem-solving skills in relation to the role, needs, and rights of victims of harm.

JSB305 Professional Placement

| | |
|-------------------|--|
| Pre-requisites | 96 credit points of JSB coded units. |
| Equivalent s | JSB980 |
| Other requisites | at the discretion of the unit coordinator. |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

In order to operate effectively in the workplace, you will need to be able to connect and apply the knowledge and theory you have gained from the other units in the course to the practice of the profession in which you gain employment. The possibility for this unit to be offered each semester will depend on the number of professional practices that are willing to participate.

JSB306 International Justice Study Tour

| | |
|-------------------|---|
| Pre-requisites | 96 cp of previous study |
| Other requisites | at the discretion of the unit coordinator |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM |

This unit is a work integrated learning (WIL) unit and provides you with the opportunity to undertake a

justice-related study tour overseas. Study tours may cover a broad range of international experiences, such as human rights and international justice problems and solutions. The distinguishing feature of this unit is the focus on experiential learning in another country, and the requirement to integrate your international study tour experience with theoretical knowledge obtained as part of your degree. This unit offers the opportunity to engage in real-world experience in an international context.

JSB364 Cybercrime

| | |
|----------------|--|
| Pre-requisites | 96cp of previous study |
| Equivalent s | JSB974 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2, XCH-1 |

This unit provides a starting point for students to learn the essentials of cybercrime, the global perspective of what constitutes cybercrime and the associated risks that pervade many environments. It looks at how technology is changing the criminal threats faced by society and how it is being used to reinvent old crimes as well as documenting the emergence of new ones.

JSB367 Intelligence and Security

| | |
|----------------|-------------------------|
| Pre-requisites | 144cp of previous study |
|----------------|-------------------------|

Units

| | |
|----------------|---|
| Equivalent s | JSB377 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1, XCH-1, XCH-2 |

Intelligence is increasingly taking a leading role in investigations and security procedures, with analysts setting a direction for criminal investigation and security teams. The unit exposes students to the essentials of the criminal intelligence systems, the intelligence process and creative problem solving skills. Intelligence professionals are also concerned with support to government, the private sector and the community. Intelligence offers an advantage through the provision of accurate and timely advice. Intelligence requires proficiency in thinking strategies and skills, interpersonal effectiveness skills, teamwork, and application of intelligence process methodologies in a variety of cultural contexts.

JSB372 Youth Justice

| | |
|----------------|--|
| Pre-requisites | JSB207 or JSB273 or LLB101 or PYB007. JSB207 can be enrolled in the same teaching period as JSB372 |
| Equivalent s | JSB232, JSB041 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External |

- SEM-2, XCH-1, XCH-2

The unit teaches specialised knowledge to students in their final years of study and is imperative for students interested in working in the field of youth justice. It connects broader knowledge about policing and criminal justice with specific issues relevant to young people who become involved in the criminal justice system, with a focus on socially just outcomes for young offenders.

JSB374 Crime Prevention

| | |
|-----------------|---|
| Pre-requisites | JSB172 or JSB173 or LLB101 or PYB007 |
| Anti-requisites | JSN112 |
| Equivalent s | JSB333, JSB044 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

In recent years the effectiveness of the criminal justice system has come under sustained criticism. A key criticism of traditional criminal justice responses to crime involving police, courts and imprisonment is that they are reactive responses, occurring only after a crime has been committed. This has led policy makers, criminologists and criminal justice practitioners to develop schemes that involve federal, state and local authorities working together to predict, identify and address causes of offending. Such approaches to crime control emphasise proactive

responses, which seek to prevent the crime before it has occurred. There are various approaches to crime prevention, as well as many perceived barriers to its successful implementation. This unit introduces students to the concept of crime prevention as well as its application to societal problems.

JSB379 Political Practice, People Power, and Protest

| | |
|----------------|---|
| Pre-requisites | JSB172 or JSB178 or LLB101 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1 |

This unit will equip students with a thorough understanding of the practice of policy and governance within and beyond government institutions. Students will examine the range of political practices that contribute to policy-making, from formalised lobbying and pressure groups through to non-government activism and protest, while developing practical skills required in the political world.

JSB380 Critical Policy Analysis

| | |
|----------------|---|
| Pre-requisites | JSB261 or JSB272. JSB261 or JSB272 can be studied in the same teaching period as JSB380 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

The ability to undertake

rigorous, effective, and critically-informed analyses of justice-related policies is an essential attribute of justice professionals. It is imperative that those employed in areas connected to justice policy are equipped with a variety of practical and theoretically-informed tools with which to undertake such analysis, especially in order to address marginalisation and social injustice, and improve social inclusion. This unit provides the opportunity for you to draw together the knowledge and skills you have developed in this area, and build on them, in order to hone and practise these capabilities.

JSB386 Death Investigation

| | |
|----------------|---|
| Pre-requisites | 96cp of previous study |
| Equivalent s | JSB986 |
| Credit Points | 12 |
| Campus | EXCHANGE, Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1, XCH-1, XCH-2 |

The investigation of death in modern society is a well regulated system, orchestrated through the coronial system with identification of suspicious deaths undertaken by the criminal justice system. This death investigation model involves legal, medical and criminal justice personnel in order to establish both the medical cause and legal circumstance of death. The information gathered in this way is also used to inform government policy on issues

such as suicide and motor vehicle accidents. However, in the wake of Harold Shipman in the United Kingdom and Dr Patel in Australia, the issue of concealed homicide has become topical, with questions asked about how the coronial system in particular can better investigate death so as to remove such concerns. This unit will examine in detail the history, ethics, processes, procedures and outcomes of death investigation in Queensland.

JSB390 Real Skills for the Real World - Justice Capstone

| | |
|----------------|---|
| Pre-requisites | JSB172 and JSB273 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

Employers expect graduates to be competent, professional and prepared to meet the demands of the workplace. This capstone unit will provide students the opportunity to reflect on what they have learned in their Justice degree. They will learn transferable workplace skills which meet the demands of the workplace. These include: %emsp;write an effective cover letter %emsp;write a resume %emsp;write a selection criteria %emsp;design a business card for networking %emsp;learn interview skills %emsp;learn effective professional networking These skills will prepare students for the real world. Delivered in a

series of workshops, activities and assessment items are designed to guide students for the real world for professional practice.

JSB424 Thesis 4

| | |
|----------------|---|
| Equivalent s | JSB414-4 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2 |

The thesis allows you to undertake a major and specialised research project in which you will identify a research problem, establish a research design, collect and analyse data, and report on the findings. It is a unique opportunity to fully immerse yourself in a chosen field of research. The preparation of a research dissertation is the culmination of the research training undertaken through the Honours coursework, and is an essential part of the Honours degree.

JSB424 Thesis 1

| | |
|----------------|---|
| Equivalent s | JSB414-1 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2 |

The thesis allows you to undertake a major and specialised research project in which you will identify a research problem, establish a research design, collect and analyse data, and report on the

findings. It is a unique opportunity to fully immerse yourself in a chosen field of research. The preparation of a research dissertation is the culmination of the research training undertaken through the Honours coursework, and is an essential part of the Honours degree.

JSB424 Thesis 3

| | |
|----------------|---|
| Equivalent s | JSB414-3 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2 |

The thesis allows you to undertake a major and specialised research project in which you will identify a research problem, establish a research design, collect and analyse data, and report on the findings. It is a unique opportunity to fully immerse yourself in a chosen field of research. The preparation of a research dissertation is the culmination of the research training undertaken through the Honours coursework, and is an essential part of the Honours degree.

JSB424 Thesis 2

| | |
|----------------|---|
| Equivalent s | JSB414-2 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2 |

The thesis allows you to undertake a major and

specialised research project in which you will identify a research problem, establish a research design, collect and analyse data, and report on the findings. It is a unique opportunity to fully immerse yourself in a chosen field of research. The preparation of a research dissertation is the culmination of the research training undertaken through the Honours coursework, and is an essential part of the Honours degree.

JSH417 Key Theories and Concepts in Criminology

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

The discipline of criminology draws together a range of disciplines where some of its most poignant work emanates from scholars who do not identify themselves as 'criminologists' as such, eg Michel Foucault. Considering the overlap between criminology and other social science disciplines, this unit takes an historical view of the discipline and examines some of its influential authors and key texts.

JSH418 Advanced Research Skills

| | |
|----------------|---------------------------------|
| Credit Points | 24 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Good research is characterised by established parameters through which the research

should operate and develop. A good research project is also marked by the development of an effective literature review of relevant literature in the chosen field. In this unit, students will source and become acquainted with a bibliography of specialised literature relevant to the nominated field of research and begin to articulate the phases of the research project.

JSH419 Honours Research Methods

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

The content of this unit is based on an assumption that students have a basic knowledge of research methodologies, including an understanding of qualitative and quantitative research paradigms. This unit will build on that knowledge and provide students with an understanding of the techniques that are commonly used for Honours-level research theses.

JSH424 Thesis 4

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

The thesis allows you to undertake a major and specialised research project in which you will identify a research problem, establish a research design, collect and analyse data, and report on the findings. It is a unique

opportunity to fully immerse yourself in a chosen field of research. The preparation of a research dissertation is the culmination of the research training undertaken through the Honours coursework, and is an essential part of the Honours degree.

JSH424 Thesis 3

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

The thesis allows you to undertake a major and specialised research project in which you will identify a research problem, establish a research design, collect and analyse data, and report on the findings. It is a unique opportunity to fully immerse yourself in a chosen field of research. The preparation of a research dissertation is the culmination of the research training undertaken through the Honours coursework, and is an essential part of the Honours degree.

JSH424 Thesis 2

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

The thesis allows you to undertake a major and specialised research project in which you will identify a research problem, establish a research design, collect and analyse data, and report on the findings. It is a unique opportunity to fully immerse

yourself in a chosen field of research. The preparation of a research dissertation is the culmination of the research training undertaken through the Honours coursework, and is an essential part of the Honours degree.

JSH424 Thesis 1

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

The thesis allows you to undertake a major and specialised research project in which you will identify a research problem, establish a research design, collect and analyse data, and report on the findings. It is a unique opportunity to fully immerse yourself in a chosen field of research. The preparation of a research dissertation is the culmination of the research training undertaken through the Honours coursework, and is an essential part of the Honours degree.

JSN165 Policy, Governance and Justice

| | |
|----------------|----------------------------|
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

This foundational unit is designed to develop the skills required for research and policy positions in government agencies. This unit will enhance the key vocational skills required for working in any government agency. All government agencies require

similar writing, communication and consultation skills for developing policy. This unit will enhance knowledge on the policy cycle and the wider policy issues associated in government and social justice environments. The unit also seeks to build knowledge of theories and types of corruption, the psychology and sociology of ethical judgement, along with an advanced understanding of public sector ethics.

JSN166 Justice Institutions

| | |
|----------------|----------------------------|
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

An understanding of Australian government institutions is critical for students who wish to work effectively in or alongside the public sector. This unit will provide you with advanced knowledge of governance institutions at all levels of Australian government, as well as the related ethical obligations of public officials in such institutions.

JSN167 Public Sector Research Skills and Methods

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|----------------|----------------------------|
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-2 |

It is essential that students have knowledge and understanding of applied research so that they may work effectively in professional research and policy contexts (e.g. government, non-

government and academic). This unit builds applied research and policy evaluation knowledge and skills for use in public policy development.

JSN168 Critical Policy Skills

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|----------------|----------------------------|
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-2 |

The ability to undertake rigorous, effective and critically informed analyses of justice-related policies is an essential attribute of policy professionals. Furthermore, the ability to effectively engage with stakeholders and design and oversee the successful implementation of policy is vital for capable and impacting public and private sector employees. It is imperative that those employed in areas connected to government policy are equipped with a variety of practical and theoretically informed tools with which to undertake such tasks, especially in order to address marginalisation and social injustice, and improve social inclusion. This unit provides the opportunity for you to draw together the knowledge and skills you develop in this area and build on them in order to hone and practise these capabilities.

JSQ201 Dynamics of Domestic Violence

| | |
|----------------|-----------------------|
| Equivalent s | JSN201 |
| Credit Points | 12 |
| Campus | Online and QUT Online |
| Availabilities | Online |

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| es | - SES1, SES3 |
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It is essential that those who work with victims, perpetrators and others affected by domestic violence understand what domestic violence looks like and how it operates. This unit uses contemporary social science research to explain the current state of knowledge about domestic violence. The unit provides extra teaching and learning support to ensure student success and provides a sound basis for the other units in the Graduate Certificate. Although the domestic violence units can be taken in any order, it is strongly recommended that students commence with JSN201, especially those who have taken a break from study or have limited experience with online learning.

JSQ202 Children and Family Violence

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|----------------|-------------------------------|
| Equivalent s | JSN202 |
| Credit Points | 12 |
| Campus | Online and QUT Online |
| Availabilities | Online - SES2, SES4 |

The research evidence on abuse of pregnant women, the relationship between domestic violence and child maltreatment, and trauma is scattered across multiple fields of scholarship and practice. This unit synthesises research from multiple disciplines to inform practice.

JSQ203 Reducing Lethal Risk

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| Equivalent s | JSN203 |
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| Credit Points | 12 |
| Campus | Online and QUT Online |
| Availabilities | Online - SES1, SES3 |

Domestic and family homicides comprise approximately 45% of all homicides in Queensland and a significant proportion of all homicides of women worldwide. However, research evidence is rarely integrated into professional practice in the very fields that have been identified as key contexts for prevention. This unit aims to provide knowledge based on the latest research about the risks and characteristics of domestic homicide and suicide to inform professional practice and further study and build capacity for action or intervention to prevent violence.

JSQ204 Working With Domestic Violence Victims

| | |
|----------------|-------------------------------|
| Equivalent s | JSN204 |
| Credit Points | 12 |
| Campus | Online and QUT Online |
| Availabilities | Online - SES2, SES4 |

Professionals who deal with domestic violence are called upon to address diverse needs from a variety of community contexts. They are also exposed to traumatic information and images that can affect their well-being and professional performance. This unit provides information about domestic violence services, tools for practice, the needs of diverse communities, and strategies for self care to enhance professional

performance and inform further study.

KCB105 Inquiry in Media and Communication

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

The research process (define problem, collect relevant information, analyse information, formulate conclusions/outcomes) underlies many decisions that confront media and communication professionals. This subject introduces foundational research skills and contextualises them with a number of media and communication problems. The unit will involve qualitative and quantitative research methods including content analysis, focus groups, ethnography, interviews and survey research which are studied in the context of media and communication problems and issues. You will carry out research using some of these methods, analyse the results and present your conclusions and recommendations.

KCB203 Consumption Matters: Consumer Cultures and Identity

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

A knowledge of and ability to research consumer cultures is essential to those working in

the Creative Industries. It is crucial to understand the ways in which consumption actively shapes not only media and production industries, but also the value and meanings of products themselves. This unit requires you to synthesise and apply concepts and methodologies that you have learned in earlier units. The unit focuses on developing in you a broader understanding of media, communication, and production through the lens of consumer cultures. The knowledge that you gain in this unit will inform your future professional, academic, and creative practices.

KCB205 Professional Communication

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|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit develops practical and critical skills in situation analysis, project proposal development and reporting, formal document production, professional presentations, and workplace communication practices. It enhances your career prospects by developing an understanding of communication dynamics between individuals and groups in organisational settings. Although it focuses on the creative and cultural industries, the content is transferable to other professions and career options. The unit also addresses

problem-solving roles professional communication teams play in their organisations. You will gain experience in planning, presenting and evaluating applied communication tasks in professional settings, and a critical understanding of the role of professional communication skills including audience sensitivity, rhetorical appropriateness and generic conventions.

KCB206 Social Media, Self and Society

| | |
|----------------|---|
| Equivalent s | KCB201 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit introduces contemporary tools, theories and debates surrounding social media with special reference to professional identity. It explores how and why use of social media inflects, shapes, orders and feeds into the (re)formation and performance of identities in a range of professional contexts. With the rise of social media platforms like Facebook, Instagram, YouTube and Twitter, the number of individuals and organisations in contemporary societies who shape, (re)form and sustain their identities through social media has grown rapidly. This unit introduces key considerations and necessary tools for contemporary media and communication professionals.

Units

to engage in this process in a critical fashion, supporting them to develop a nuanced understanding of social media's place in broader media history; its recent impacts on professional identity and corporate communication strategies; and of issues such as the ethical difficulties associated with social media governance.

KCB301 Media Audiences

| | |
|----------------|----------------------------|
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - XCH-1 |

This unit provides you with a conceptual understanding of media audiences within industry and academic contexts. In addition, the unit introduces you to a range of practical skills that may be applied when undertaking audience research. A knowledge of and ability to research audiences is essential to a detailed and comprehensive understanding of the media. The ability to undertake quantitative and qualitative research into various audience groupings, the use of associated analytical tools and the ability to critically analyse academic and industry based audience research are important skills for undertaking both postgraduate research in Media & Communication and those seeking employment in media industries.

KCB302 Political Communication

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| Equivalent | KCB311 |
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| S | |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit surveys the theory and professional practices of political and governmental communication, especially through the media and communications industries. It 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. The unit comprises an overview of theoretical approaches to political communication, the construction of political discourse, and the mobilisation of audiences/voters; an understanding of the relationship between communication strategies and the management of politics, with cases drawn from Australian and international politics; and the capacity to critically appraise strategic issues such as political persuasion, electoral strategy, popular culture, and public opinion formation.

KCB303 Brisbane Media Map 1

| | |
|----------------|---------------------------------------|
| Pre-requisites | 168cp of completed study |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

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|-----------------------------------|
| External - XCH-1, XCH-2 |
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This unit aims to demonstrate how media communication skills are practically applied, providing an environment in which to develop a content site. You will refine your project planning and management skills, information analysis skills, and team leadership and membership skills. You will also extend, apply and deepen your understanding of industry and professional association networks which are extremely important in media and communication industries. The unit provides the opportunity to work on Straddl - an online resource for media and communication students and professionals based in Brisbane. Students involved in this project will work in teams to collectively update and contribute to the site and learn basic project management strategies.

KCB305 Brisbane Media Map 2

| | |
|----------------|--------------------------------|
| Pre-requisites | KCB303 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Industry and professional association networks are extremely important in media and communication industries. This unit will extend, apply and deepen your understanding of these networks through further developing and contributing to Straddl - an online resource that profiles media and communication industries in Brisbane. You will also refine

your project planning and management skills, information analysis skills, and team leadership and membership skills. This unit aims to deepen your working knowledge of media and communication by demonstrating how critical understandings of media and communication are practically applied, providing an environment in which to develop your team leadership abilities, communication skills and project management capacities to professional levels of attainment while contributing at a high level to the development of an online content site.

KCB307 Making Media Connections 1

| | |
|----------------|--|
| Pre-requisites | Completion of 192cp of undergraduate study |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit allows you to engage in public debates about the media, politics and popular culture, and to learn strategies for translating academic concepts into a public forum. It therefore encourages you to think critically about the relationship between academic and public discourse. As the unit is project-based, you will also learn project management strategies and how to work as part of a self-directed team. 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 you to become a visible part of the public discourse.

KCB308 Making Media Connections 2

| | |
|----------------|--------------------------------|
| Pre-requisites | KCB307 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit allows you to further engage in public debates about the media, politics and popular culture and to develop high level strategies for translating academic concepts into a public forum. It requires you to reflect critically about the relationship between academic and public discourse, and how the two domains interact. Media and communication students should be well-positioned to make an informed contribution to media debates, but often lack the ability to communicate with a general audience. This unit will assist you in this regard, helping you to become a visible part of the public discourse.

KCD103 Strategic Speech Communication

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|----------------|--|
| Equivalent s | KCB213, KCB103, CCB203 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

This unit emphasises both theory and practice of effective speech and interpersonal communication. You will be introduced to the theories and concepts of persuasion and the use and performance of language, which are interrelated to promote understanding and development of your communication skills in the context of presentations. An integral part of entrepreneurship and leadership, you will become articulate and strategic presenters in a range of contexts, including professional and personal presentations that focus on audience engagement and guidance. As a speaker and presenter, you will also build skills of self-awareness that allows for self-critique and continued growth. The teaching and learning approaches will include face-to-face lectures, workshops and tutorials with a blend of written, practical and digital resources alongside peer created digital feedback and practice platforms. You will also learn academic information literacy and writing skills.

KDB101 Dance Performance 1: Analysing Dances

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|----------------|---|
| Pre-requisites | KDB103 can be enrolled in the same teaching period as KDB101. |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This is the first in a suite of four units for Dance Performance

students that fosters the fundamental development of the professional performing artist. This unit provides the opportunity for you to work with a choreographer and/or replication from video and/or other processes, with guidance from a rehearsal director leading to a performance. To enhance your understanding of the context of the creative practice, the unit equips you with dance analysis methodologies.

KDB102 Dance Performance 2: Dance Histories

| | |
|----------------|--|
| Pre-requisites | KDB101 and KDB104. KDB104 can be enrolled in the same teaching period as KDB102. |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This is the second in a suite of four units that fosters and continues the development of the professional performing artist. This unit provides the opportunity for you to work with a choreographer and/or replication from video and/or other processes, with guidance from a rehearsal director leading to a performance. To enhance your understanding of the creative practice, the unit equips you with dance history methodologies. This unit builds upon Performance 1, and addresses dance history. The performer uses dance history to contextualise and enrich their current experience of choreographic and performance practice. In this unit you will explore the

historical legacies that have influenced the choreographic work you are learning.

KDB103 Dance Technique 1

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

This introductory unit is the first in a series of four practical units which establish the critically important routine of daily technique training, in Ballet and Contemporary Dance, for the elite dance professional. You will enhance skills in, and develop your knowledge of, dance technique and artistry, through guided training and reflective practice. To support your technical development, you will be exposed to, and physically participate in, complimentary practices associated with dance training.

KDB104 Dance Technique 2

| | |
|----------------|--------------------------------|
| Pre-requisites | KDB103 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit aims to further enhance skills in, and develop your knowledge of, dance technique and artistry, through guided training and reflective practice. You will develop the technical, artistic and reflective practice skills introduced in KDB103 Dance Technique 1. This will advance your development towards becoming an elite dance

professional by exposing you to increasingly complex material, other forms of complementary practices and reflective practice methods.

KDB107 Foundations in Improvisation and Choreographic Practice

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

This unit introduces the fundamentals of improvisation and choreographic practice. Throughout it you will participate in a series of studio-based laboratories that seek to enliven an experiential understanding of the body in dance and explore different practices and processes that cultivate tools for dance making. The unit focuses on exploring dance through different approaches to improvisation and task-based processes. This is an opportunity to develop your foundational skills as a co-creator in dance through developing critical skills in experimentation, physical thinking, responsivity, trusting your instinct, as well as the ability to mobilise your ideas and concepts.

KDB112 Dance Technique Fundamentals

| | |
|----------------|--------------------------------|
| Equivalent | KDB120 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit offers you an

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the real world**



Units

introduction to dance technique and the application of somatic practices. Through practical classes you will develop your technical foundation in different dance styles and understanding of the principles of movement. These will be supported by a series of seminars and discussions to facilitate self-directed learning about topics such as safe dance practice, key concepts of somatic approaches in dance, and reflective activities.

KDB113 Dance Studies

| | |
|----------------|--------------------------------|
| Equivalent s | KDB106 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit will give you an introduction to the diverse field of dance studies. Through encountering relevant theory and reflecting on recorded dance performances, the unit will equip you with critical frameworks through which you can interrogate various aesthetic codes and relevant issues relating to dance in a variety of historical and cultural contexts. This will involve a range of perspectives including dance analysis, writing from practising choreographers and dancers, historical and cultural contextualisation, gender issues, racial diversity, and social dance.

KDB122 Popular Dance Styles

| | |
|---------------|--------|
| Equivalent s | KDB121 |
| Credit Points | 12 |

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|----------------|--------------------------------|
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

The unit focuses on different dance styles and their application in different contexts, supported by complementary studies. You will continue to explore and develop your emergent understanding of your dance practice and your future as a dance practitioner. This unit builds upon the knowledges you have developed from studio-based practice in KDB112 Dance Technique Fundamentals by offering you an introduction to a broader spectrum of popular dance styles. You will undertake a series of practical classes throughout the semester that may include a combination of: Jazz, Hip-hop, Breakdance, Capoeira, Ballet, Contemporary or Swing.

KDB123 Dance Legacies

| | |
|----------------|--------------------------------|
| Equivalent s | KDB110 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit will introduce you to the dance legacies that underscore dance practice. In the history of Western Arts, a number of key philosophies may be identified including romanticism, classicism, modernism, postmodernism and metamodernism, some of which are also evident in the arts of other cultures. In dance, they led to the formation of aesthetic codes that in some cases are still very much in

operation in the dance industry. These will be further contextualised in relation to Indigenous Australian dance and the wider Asia Pacific region. Through encountering relevant theory and reflecting on live and recorded dance performances, you will be supported to critically interrogate how these legacies continue to inform current practices.

KDB206 Dance in Contemporary Culture

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit builds upon embodied knowledge and dance practice developed in KDB122 Popular Dance Styles. Through a series of seminars and practical workshops you will explore different trends in the role and place of dance in contemporary culture. You will explore dance's place in society and the development of trends such as Musical Theatre, Music Videos, Dance in Museums, Hip-hop culture, Flash Mobs, Dance as a Political Intervention, and So You Think You Can Dance.

KDB210 Dance Composition

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|----------------|--------------------------------|
| Equivalent s | KDB209 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit offers you an introduction to the fundamentals of Dance Composition through exploring a range of choreographic practices. The emphasis will be on understanding the tools available for composing dancing and utilising these to develop successful choreographic outcomes. Through studio-based shared practice sessions and reflecting on readings and performance documentation you will begin to develop an aesthetic understanding applicable across your artistic practice.

KDB211 Dance Performance 3: Current Trends

| | |
|----------------|--|
| Pre-requisites | KDB102 and KDB213. KDB213 can be enrolled in the same teaching period as KDB211. |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

In this unit, professionally guided rehearsals, classes and performance practice, will be informed through cultivating an understanding of current cultural, social and political trends and issues, both local and global, and how this is reflected within the current intersections between dance-making, technology, science, and interdisciplinary practice. This unit provides the opportunity for you to work with a choreographer and/or replication from video and/or other processes, with guidance from a rehearsal director

leading to a performance. To enhance your understanding of the creative practice, the unit equips you with the tools to situate and expand your performance experiences.

KDB212 Dance Performance 4: Intersections

| | |
|----------------|--|
| Pre-requisites | KDB211 and KDB214. KDB214 can be enrolled in the same teaching period as KDB212. |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit allows you to work with a choreographer and/or replication from video and/or other processes, with guidance from a rehearsal director, while examining current cultural, social and political trends and issues, both local and global, and their impact on dance-making, technology, science, and interdisciplinary practice, and their intersections. In this unit, professionally guided rehearsals, classes and performance practice, will be informed through a deepening of the research undertaken in KDB211 Dance Performance 3: Current Trends. You investigate how the appointed choreographer, and consequently their artistic practice and sensibility, are informed through these perspectives and relate to emergent practices that are shaping the future of dance.

KDB213 Dance Technique 3

| | |
|----------------|---|
| Pre-requisites | KDB104 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This is the third unit in a series of four practical units which further establishes the critically important routine of daily technique training, in Ballet and Contemporary Dance, for the elite dance professional. In this unit, you will learn through guided training and reflective practice, to develop expertise in dance technique and artistry, advancing your transformation towards becoming an elite dance professional. To support your technical development, you will continue to be exposed to, and physically participate in, complimentary practices associated with dance training.

KDB214 Dance Technique 4

| | |
|----------------|---|
| Pre-requisites | KDB213 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit develops to a pre-professional level the technical and artistic skills accumulated through the previous three Dance Technique units. To support your technical development, you will continue to be exposed to, and physically participate in, complementary practices

associated with dance training. This is the final unit in a series of four practical units which establish the critically important routine of daily technique training for the elite dance professional. This unit will allow you to engage in the experience of advanced technical dance training in ballet and contemporary dance. In the current artistic climate, it is essential for you to possess a strong command of dance technique and complementary practices. Through embodied knowledge and reflective practice, training methods must adequately prepare you for the rapidly increasing demands placed on dancers in order to successfully locate yourself within the dance industry as an emerging professional.

KDB216 Choreographic Practice 1

| | |
|----------------|--------------------------------|
| Pre-requisites | KDB107 |
| Equivalent s | KDB209 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit will introduce you to the concept of choreographic thinking and allow you to engage in the experience of creation from the inception and development of an idea, through to the completion of a choreographic work. This will be supported through encountering a range of approaches to dance making drawn from theory and current creative practice. Alongside

encountering processes of making in practical classes, the unit will support you to develop documentation and annotation skills to map your creative practice.

KDB217 Choreographic Practice 2

| | |
|----------------|---|
| Pre-requisites | KDB216 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit further develops your choreographic thinking, studio-based processes, tasks and improvisational skills, to support movement creation and choreographic vision. You will explore your emergent choreographic practice and begin to situate yourself in the expansive terrain of dance. Building on your understanding of solo choreographic practice (as experienced in KDB216 Choreographic Practice 1), you will expand your practice to experiment and test the application of studio-based choreographic processes in ensemble contexts. You will look outwards to gather a situated understanding of your process and practice as an emerging dance artist within the field. To do this, you will be guided through weekly workshops that include choreographic thinking, experiments with duet and larger choreographic ensemble processes and work, and an applied understanding of shared practice.

KDB218 Performance in Context 1

| | |
|----------------|--------------------------------|
| Pre-requisites | KDB122 or KDB111 |
| Equivalent s | KDB215 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This is the first of two units introducing you to the practice of the Teaching Artist as a facilitator of dance led experiences. You will apply your developed knowledge of technical skill and artistic practice to the creation of a performance situated within a specific context. This project-based unit provides the context in which you will develop technique, artistry, communication skills, performance ability and confidence through professionally guided rehearsals, classes, performances and workshops.

KDB222 World Dance

| | |
|----------------|--------------------------------|
| Equivalent s | KDB108 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit aims to develop your sensitivity, curiosity, and knowledge of cultural diversity and protocols, through participating in dance styles from around the world and learning about their contexts. Through practical classes you will gain an experiential understanding of the dance

styles, which will be contextualised through lectorials and reflective practice strategies. The new generation of twenty-first century global citizens needs to be agile in the understandings and skills necessary to negotiate cultural difference if they are to contribute to creating peaceful communities. In this unit, participating in dance styles from around the world and learning about their contexts, provides an opportunity for you to develop these attributes.

KDB223 Screen Dance

| | |
|----------------|--------------------------------|
| Pre-requisites | KDB210 or KDB209 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit introduces you to the field of screen dance through a critical and practical engagement with the genre. As such, it addresses key concerns of screen dance practice from a critical perspective, alongside developing your skills in producing and documenting dance across a range of digital platforms. Through practical sessions and online learning you will develop skills associated with the conceptualisation, composition, filming and editing of movement for the camera. These skills will be transferable across a range of different platforms and can be applied to the creation of new screen dance works as well as to documentation of performance and creative process.

KDB316 Choreographic Project 1

| | |
|----------------|--------------------------------|
| Pre-requisites | KDB217 |
| Equivalent s | KDB303 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit draws on your previous studies in Choreographic Practice to enable you to engage in a self-directed creative project with a focus on developing your own creative methodologies, documentation practices, collaborative skills, and interdisciplinary approaches.

You will draw from your situated understanding of your process and practice as an emerging dance artist within the field as explored in Choreographic Practice 2. This will enable you to confidently develop studio-based practice and processes that lead to the creation of dance works and can extend across a diverse range of cross/trans/inter disciplinary settings.

KDB317 Choreographic Project 2

| | |
|----------------|--------------------------------|
| Pre-requisites | KDB316 or KDB209 or KDB217 |
| Equivalent s | KDB304 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit formulates your choreographic or performative specialisation and aids you to confidently present and

promote your original work as a nascent dance practitioner. It draws on your previous studies in Choreographic Practice to enable you to engage in a self-directed creative project with a focus on developing your own creative methodologies, documentation practices, collaborative skills, and interdisciplinary approaches towards a performance outcome. This unit is the culmination of the project outlined in KDB316 Choreographic Project 1 and demonstrates a sophisticated choreographic practice or sophisticated co-creative practice (as a dancer).

KDB318 Performance in Context 2

| | |
|----------------|--------------------------------|
| Pre-requisites | KDB218 or KDB215 |
| Equivalent s | KDB305 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This is the second of two units which builds further on the practice of the Teaching Artist as a facilitator of dance led creative experiences. This unit aims to enable you to utilise, adapt and transform your skills for artistic expression in a specific performing domain including collaborative and interdisciplinary practice. This project-based unit provides the context in which you will develop technique, artistry, communication skills, performance ability and confidence through professionally guided

rehearsals, classes, performances and workshops.

KDB320 Independent Dance Project

| | |
|----------------|--------------------------------|
| Pre-requisites | KDB318 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit enables you to adapt and transform your dance skills for artistic expression, in a specific performing domain, engaging in collaborative and interdisciplinary practice. This is the culmination of your previous two Performance in Context units which supports you to establish your practice as a teaching artist through the key processual stages including conception, development and realisation of your ideas. You will apply your integrated knowledge of technical skills and artistic practice to effectively initiate and realise a performance project in a specific industry-engaged context. This will be a self-contained and discrete project that will enable you to develop your professional identity and industry networks while working in a collaborative team context.

KJB222 Online Journalism 1

| | |
|----------------|---|
| Pre-requisites | CJB103 or KJB121 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

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 you to publish reports online, giving instruction in a wide range of production skills. 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 addresses: the developments of global online journalism (wired and wireless online mass communication); digital production skills; introductory practice in production and communication software used in online journalism, and the writing and publishing of work at a standard of journalistic competence.

KJB224 Feature Writing

| | |
|----------------|---|
| Pre-requisites | CJB101 or KJB120 or KWB107 or KWB116 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit builds generic journalistic skills in feature writing, such as generating story ideas and new angles, researching and interviewing, and writing interesting copy. It prepares you to feature stories

of professional quality and benefit from constructive critique of your research and writing. It also provides awareness of the market for feature material for writers including freelance journalists. Feature writing is a mainstay of journalism which practitioners cultivate during a career. In its various forms (human interest, business, personal columns), it is a step in the development of individual journalistic capabilities.

KJB235 Radio and Television Journalism 1

| | |
|-----------------|--|
| Pre-requisites | CJB103 or KJB121 |
| Anti-requisites | KJB232 |
| Credit Points | 24 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit addresses broadcast media from a production-based perspective and advances practical preparation for working professionally in news media. It provides concepts and skills to plan reports; conduct interviews and carry out other gathering functions; and write, present, and edit material for broadcast on radio and television. The practical and theoretical aspects of radio and television media are studied and applied through the production of broadcast news programs. You will gather, script and produce a number of news items for radio and television bulletins for broadcasting through

community sector outlets. Strong emphasis is placed on current affairs knowledge. The unit contributes to understanding of the mass media and to professional preparation for work in the news media. The unit provides first practice in broadcasting as part of the Journalism strand from Newswriting through to the next in the series, Radio and Television Journalism 2.

KJB239 Journalism Ethics and Issues

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

As journalism students you are expected to practice socially responsible and ethical journalism and to understand ethics as they relate to current journalistic practice. This unit provides an overview of western and eastern moral philosophical traditions, current Australian and international journalistic practice, regulatory bodies and professional journalism organisations. You 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. Knowledge of the current codes relevant to media practitioners, key social issues, and an exploration of ethical

dilemmas form an essential part of professional preparation for practice. Managing self-care in potentially traumatic reporting circumstances is also increasingly regarded as a key issue for practising journalists.

KJB280 International Journalism

| | |
|----------------|---|
| Pre-requisites | KJB224 or CJB201 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - 6TP6, SEM-1 External - XCH-1, XCH-2 |

News media systems are developing and changing because of new technologies, corporate change, and professional development among practitioners, who increasingly work in internationalised settings, with increased market demand from different world regions. Journalists working abroad can cultivate their strengths and respond better to new demands if they understand and are sensitive to the changing cultures and values of countries they report on. By exploring political, economic, historic and other social influences on the roles, rights and expectations of journalists in different countries, you will consider how the skills you study in an Australian context may be adapted to other circumstances.

KJB304 Sub-Editing

| | |
|----------------|--------|
| Pre-requisites | KJB120 |
| Equivalent | KJB322 |

| | |
|----------------|---|
| s | |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit introduces the key functions of subeditors in the print and online media. As such, it looks at their basic job description, skills and roles in the newsroom. You will learn to develop material to the final publication-ready stage and to apply theoretical concepts in practical contexts. In this unit you will: assess the text for news values, quality, adherence to style guides (generic and in-house), grammar, spelling, accuracy, legality (including defamation, contempt and sub-judice), ethics, sources and balance; write headlines, captions and similar types of types that accompany stories; and to subedit print-media stories for reuse in new and social media. You, individually and in small teams, will be given a range of copy-text from very poor to reasonable on a variety of topics and make the text publishable (i.e. production-ready) using the above processes.

KJB323 Online Journalism 2

| | |
|----------------|---|
| Pre-requisites | KJB222 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

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 of other online communication tools (Blogs, wikis, Myspace, YouTube etc.) in a modern journalistic environment. The praxis-based unit will see students work in rostered teams to create journalistic copy to be published online. They will also work independently to develop individual news or feature story highlighting the innovative possibilities of the online journalism medium.

KJB336 Radio and Television Journalism 2

| | |
|----------------|---|
| Pre-requisites | CJB203 or KJB235 |
| Equivalent s | KJB338 |
| Credit Points | 24 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit includes the philosophy and formulation of radio and television news and current affairs, anchor techniques, and radio and television news production using computers.

KJB337 Investigative Reporting

| | |
|----------------|---|
| Pre-requisites | CJB101 or KJB120 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - 6TP6, SEM-2 External - XCH-1, XCH-2 |

This advanced reporting unit stresses the watchdog role of the news media using investigative reporting approaches. In order to inform prescient news features, the class will examine two news issues that are central to the current news agenda. Journalists must be able to critically analyse and report to deadline matters of public interest for publication in a range of media outlets. Such attributes are developed to an advanced level through this reporting and writing unit which couches discussion and analysis of this process in the context of understandings of journalism's role in informing discussion around major issues of public affairs.

KKB180 Creative Futures

| | |
|----------------|--------------------------------|
| Equivalent s | KYB102, KKB101, KKD101 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Creative Futures introduces you to the exciting ways that creative practitioners contribute to the world – now and in the future. In this unit, you will research trends and opportunities in creative

disciplines of interest, discover which skills you'll need to be a successful creative practitioner, and devise an initial plan for your studies and career. You'll also learn information literacy and writing skills, which are essential for your studies and for professional practice in the Creative Industries.

KKB185 Creative Enterprise Studio 1

| | |
|----------------|--------------------------------|
| Equivalent s | KKB102, KKD102, KYB101, DYB101 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit provides competencies such as teamwork, collaboration, networking, critical thinking and enterprise skills. As such, the unit responds to opportunity identification and value creation aligned to industry and/or community-based real world needs. Whilst the value of disciplinary expertise remains constant in this changing world, many problems facing organisations and societies naturally span disciplines. Collaboration and inquiry into these real world problems require a breadth of knowledge and skills in ways that demand and reward curiosity and innovation. Being the first of three Creative Enterprise Studio units, your ability to respond to complex and unique real world problems is strengthened by learning to think and act in diverse ways and draw upon perspectives, methods and insights garnered from the multiplicity of

Units

disciplines in your unit cohort.

KKB190 Yatdjuligin - Cultural Safety in Indigenous Australian Context

| | |
|----------------|--------------------------------|
| Equivalent s | OUB100 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Culturally Safe practice is an essential element in a professional's ability to work in a holistic and accountable way with Indigenous Australian peoples and their communities. This requires deconstruction of your own cultures, values, beliefs and attitudes by taking you on a learning journey that allows you to move beyond cultural awareness and cultural sensitivity through to cultural safety. This unit will prompt you to develop your own strategies to be a culturally safe practitioner in both innovative and creative ways.

KKB191 Am I black enough? Indigenous Australian Representations

| | |
|----------------|--------------------------------|
| Equivalent s | OUB110, EDB039 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Aboriginal and Torres Strait Islander peoples, images and cultures, have been represented in a variety of media since colonisation. The purpose of this unit is to deconstruct these representations from Indigenous standpoints. You

will develop understandings and skills to critically analyse media representations.

KKB192 Smash the Act - Indigenous Australian Politics

| | |
|----------------|--------------------------------|
| Equivalent s | OUB120 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit investigates the distinctive feature of Indigenous knowledges and perspectives as the philosophical underpinning of Indigenous Australian politics. This unit is delivered through authentic experiences and individualized instruction, and learning through enjoyment, including learning by observation, doing and being in a shared learning environment. Indigenous pedagogy supports students' cognitive search for learning and processes where they can internalize, reflect, deconstruct and reconstruct contemporary Indigenous Australian politics. Indigenous knowledges are both empirical (that is, based on experience) and normative (that is, based on social values). This unit embraces both the circumstances people find themselves in and their beliefs about those circumstances in a way that is unfamiliar to Eurocentric knowledge systems.

KKB193 Indigenous Knowledge: Research Ethics and Protocols

| | |
|--------------|----------------|
| Equivalent s | OUB130, EDB040 |
|--------------|----------------|

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

This unit critically analyses and articulates culturally safe research that reflects decolonising methodologies as an underpinning framework for research regarding Indigenous Australian issues. The need for culturally safe research is supported by the obvious gaps in knowledge of the ongoing life-differentials and social determinants that impact on Indigenous Australians. Interrogation of Western research and Indigenous scholarship spanning international contexts will challenge you to critically analyse and deconstruct previously held perceptions of research conduct. Indigenous knowledges and pedagogies will facilitate a transformative learning journey in a process where students critique Western research frameworks that continue to represent the Indigenous peoples as the 'other'. The unit will engage your learning through Indigenous knowledge frameworks that facilitate the development of a decolonising research proposal which adheres to Indigenous research ethics and protocols.

KKB285 Creative Enterprise Studio 2

| | |
|----------------|---------------------------------------|
| Pre-requisites | KKB185 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

This unit furthers your theoretical and practical knowledge and skills to develop enterprise focused creative projects. It links with work previously undertaken in KKB185 Creative Enterprise Studio 1 and prepares you for the final semester capstone unit KKB385 Creative Enterprise Studio 3. You will build upon your foundational understanding of project development gained in KKB185 and develop skills in project delivery and management through to prototyping your creative idea. The concept of iterative design is introduced through reflection on the success of the prototype and recommendations for future iterations and creative experimentation. This unit allows you to extend your project development skills including field analysis, creative experimentation, communication, problem solving and project evaluation.

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, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

This unit focuses on transferring skills into the workplace via participation, observation and reflection, with emphasis on the relationships between academic and

professional knowledge. It is important that you gain real world work experience to link university study with professional practice in your chosen industry. The unit provides experience in applying discipline knowledge in professional practice to strengthen discipline-specific learning and specialisation; an understanding of professional communication protocols, professional conduct and risks within the workplace; a critical understanding of the role of reflection on learning and self-evaluation in professional environments; and analytical processes relevant to practice and Work Integrated Learning. **IMPORTANT:** Refer to the unit's Blackboard site for requirements for suitable placements.

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, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

This unit focuses on transferring skills into the workplace via participation, observation and reflection, with emphasis on the relationships between academic and professional knowledge. It is important that you gain real world work experience to link

university study with professional practice in your chosen industry. The unit provides experience in applying discipline knowledge in professional practice to strengthen discipline-specific learning and specialisation; an understanding of professional communication protocols, professional conduct and risks within the workplace; a critical understanding of the role of reflection on learning and self-evaluation in professional environments; and analytical processes relevant to practice and Work Integrated Learning. **IMPORTANT:** Refer to the unit's Blackboard site for requirements for suitable placements.

KKB345 Creative Industries Project 1

| | |
|----------------|---|
| Pre-requisites | Completion of 72 credit points of study relevant to the specific project |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

Undertake a supervised project in a team-oriented environment that involves practical application and critical reflection. The experience and skills gained will contribute towards your increased self-knowledge and confidence as a practitioner in the Creative Industries. Creative Industries graduates need to practice as professionals in their respective discipline or disciplines. Increasingly, a major part of such practice is

instigating, managing, monitoring, and reporting on Creative Industries projects. Normally projects are advertised in the preceding semester through InPlace. This unit may be taken on its own or as the first of two project units related to the same project. **IMPORTANT:** Places in projects are limited. You will need to submit an application addressing the project's selection criteria by the closing date. If your application is successful, you will need to enrol in the CI Project unit.

KKB346 Creative Industries Project 2

| | |
|----------------|--|
| Pre-requisites | KKB345 (can be enrolled in the same teaching period) |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM |

Undertake a supervised project in a team-oriented environment that involves practical application and critical reflection. The experience and skills gained will contribute towards your increased self-knowledge and confidence as a practitioner in the Creative Industries. Creative Industries graduates need to practice as professionals in their respective discipline or disciplines. Increasingly, a major part of such practice is instigating, managing, monitoring, and reporting on Creative Industries projects. Normally projects are advertised in the preceding semester through InPlace. This unit can extend upon work undertaken in KKB345 (CI

Project 1) or can be used for a second project. **IMPORTANT:** Places in projects are limited. You will need to submit an application addressing the project's selection criteria by the closing date. If your application is successful, you will need to enrol in the CI Project unit.

KKB350 Creative Industries Study Tour

| | |
|----------------|---|
| Pre-requisites | Completion of 72 credit points of study |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

This unit is based on immersive learning and will provide opportunities for you to learn about nationally or internationally recognised creative industries practices and organisations and to interact with creative industries professionals beyond Brisbane. It is designed for those who have completed at least one year of full-time study and are ready to expand their horizons by gaining experience of national or international creative industries practices, organisations, and precincts. In the context of a study tour, the unit enables you to identify methods of developing, producing, distributing and marketing culture and creativity in a national and international context. It also refines your knowledge of contemporary creative industries to enhance your professional capacities and potential for employment in creative economies.

KKB351 Work Integrated Learning 3

| | |
|-----------------|---|
| Pre-requisites | KKB342 or BEB702. KKB342 can be enrolled in the same teaching period as KKB351 |
| Anti-requisites | BEB703 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit build upon foundational knowledge of professional practice and self-directed learning acquired in Work Integrated Learning 1 and 2 by extending the focus on reflection and analysis of how individual practice relates to the collective cultural context of the workplace. It is important that you gain real world work experience in order to link university study with professional practice. The unit aims to provide you with experience in applying discipline knowledge and skills in the context of professional practice in order to strengthen discipline-specific learning and specialisation; an understanding of professional communication protocols, conduct of conduct and ethical considerations in workplace; a critical understanding of the role of reflection on learning and self-evaluation in professional environments; and research approaches relevant to practice and Work Integrated Learning. **IMPORTANT:** Refer to the unit's Blackboard site for requirements for suitable placements.

KKB352 Work Integrated Learning 4

| | |
|-----------------|--|
| Pre-requisites | KKB351. KKB351 can be enrolled in the same teaching period as KKB352 |
| Anti-requisites | BEB704 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit build upon foundational knowledge of professional practice and self-directed learning acquired in Work Integrated Learning 1, 2 and 3 by extending the focus on reflection and analysis of how individual practice relates to the collective cultural context of the workplace. It is important that you gain real world work experience in order to link university study with professional practice. The unit aims to provide you with experience in applying discipline knowledge and skills in the context of professional practice in order to strengthen discipline-specific learning and specialisation; an understanding of professional communication protocols, conduct of conduct and ethical considerations in workplace; a critical understanding of the role of reflection on learning and self-evaluation in professional environments; and research approaches relevant to practice and Work Integrated Learning. **IMPORTANT:** Refer to the unit's Blackboard site for requirements for suitable placements.

KKB380 Creative Enterprise and Entrepreneurship

| | |
|----------------|---|
| Pre-requisites | Completion of 72 credit points of study |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit is an intensive “startup bootcamp” experience supported by workshops covering the knowledge and tools required to transform a creative idea into a viable creative enterprise. In this unit you will develop an understanding of enterprise and what constitutes an entrepreneurial mindset. You will learn how to identify opportunities and develop viable concepts that address a real world need.

KKB385 Creative Enterprise Studio 3

| | |
|----------------|--|
| Pre-requisites | Completion of 168 credit points and KKB285 |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

During this capstone unit you will demonstrate creative leadership by initiating an industry linked creative project. It brings together the skills and knowledge acquired throughout your course, drawing specifically from KKB185 Creative Enterprise Studio 1 and KKB285 Creative Enterprise Studio 2. The unit provides you with a framework to develop a project proposal that addresses an identified opportunity. You will then initiate your project proposal,

launching your career as a creative industries professional.

KKD101 Creative Industries: People and Practices

| | |
|----------------|--|
| Equivalent s | KKB101, KKB180, KYB102 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

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 develop your capacity to build a sustainable and lifelong career in the Creative Industries that will help you plan your course of study in line with your career interests and potential career opportunities. You will explore your individual career interests, values and capabilities, build knowledge of Creative Industries careers and patterns, and find what is essential to your creative career success through professional and personal career planning. You will also learn information literacy and writing skills, which are essential for your studies and professional practice. The teaching and learning approaches will include a mix of face-to-face lectures, workshops and tutorials, curated and created digital content, and online platforms.

KKD102 Creative Industries: Making Connections

| | |
|----------------|---------------------------------------|
| Equivalent s | KKB102, KKB185, KYB101, DYB101 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP2, 13TP3 |

KKD102 is the second of two foundation-level core units in the BCI and associated double degrees. During this unit, you will learn about concepts and principles of creative entrepreneurship. Creative entrepreneurship is the practice of applying, sharing, or distributing creative work. You will also gain a foundational knowledge of effective creative group work and oral communication, both of which are essential for your studies and for professional practice in the Creative Industries. 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. This unit provides an introduction to several applied aspects of creative practice, as a foundation to building a sustainable creative career.

KKN320 Advanced Workplace Learning

| | |
|----------------|--------------------------------|
| Pre-requisites | Completion of 36cp of study. |
| Equivalent s | KKN330, KKN340-1, KKN340-2 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit advances knowledge on communication protocols, professional conduct and ethical considerations, the role of reflection on learning and self-evaluation, and the analytical processes relevant to professional workplace environments. Through a focus on the relationships between academic and professional knowledge, this unit will facilitate the development and transference of academic understanding and industry skills in the workplace via participation, observation, research and critical reflection. The skills and discipline knowledge gained in university contexts are given greater depth and dimension when they are acted out and experienced in a real-world environment. In this unit you will gain work-based experience that connects your university studies to practice in your chosen industry.

KKP004 Innovation in the Creative Industries: Major Project

| | |
|----------------|--------------------------------|
| Co-requisites | KKP004-3 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit aims to provide you with an opportunity to plan, implement and evaluate a major project professional project in the Creative Industries. Such a project may be located in your workplace, worked in a group, constructed as an internship with an innovative firm or company or a

piece of scholarly enquiry which addresses the challenges of innovation within one of the creative industries. This major project is the final and culminating activity of the Master of Creative Industries and Master of Advertising (Creative Advertising). It serves to focus your learning through a specifically designed and substantial project that seeks to realise innovations in your practice or workplace. Each project will be designed to 'fit' the scale, scope and focus of 48 credit points.

KKP004 Innovation in the Creative Industries: Major Project

| | |
|----------------|--------------------------------|
| Pre-requisites | KKP003 and completion of 96cp |
| Co-requisites | KKP004-2 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit aims to provide you with an opportunity to plan, implement and evaluate a major project professional project in the Creative Industries. Such a project may be located in your workplace, worked in a group, constructed as an internship with an innovative firm or company or a piece of scholarly enquiry which addresses the challenges of innovation within one of the creative industries. This major project is the final and culminating activity of the Master of Creative Industries and Master of Advertising (Creative Advertising). It serves to focus your learning through

a specifically designed and substantial project that seeks to realise innovations in your practice or workplace. Each project will be designed to 'fit' the scale, scope and focus of 48 credit points.

KKP004 Innovation in the Creative Industries: Major Project

| | |
|----------------|--------------------------------|
| Co-requisites | KKP004-1 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit aims to provide you with an opportunity to plan, implement and evaluate a major project professional project in the Creative Industries. Such a project may be located in your workplace, worked in a group, constructed as an internship with an innovative firm or company or a piece of scholarly enquiry which addresses the challenges of innovation within one of the creative industries. This major project is the final and culminating activity of the Master of Creative Industries and Master of Advertising (Creative Advertising). It serves to focus your learning through a specifically designed and substantial project that seeks to realise innovations in your practice or workplace. Each project will be designed to 'fit' the scale, scope and focus of 48 credit points.

KKP004 Innovation in the Creative Industries: Major Project

| | |
|----------------|--|
| Pre-requisites | KKP004-2 (can be enrolled in the same teaching period) |
| Co-requisites | KKP004-4 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit aims to provide you with an opportunity to plan, implement and evaluate a major project professional project in the Creative Industries. Such a project may be located in your workplace, worked in a group, constructed as an internship with an innovative firm or company or a piece of scholarly enquiry which addresses the challenges of innovation within one of the creative industries. This major project is the final and culminating activity of the Master of Creative Industries and Master of Advertising (Creative Advertising). It serves to focus your learning through a specifically designed and substantial project that seeks to realise innovations in your practice or workplace. Each project will be designed to 'fit' the scale, scope and focus of 48 credit points.

KKP601 Approaches to Research in Creative Industries

| | |
|----------------|--|
| Equivalent s | KKP609, KKP624 |
| Credit Points | 12 |
| Campus | Kelvin Grove and Gardens Point |
| Availabilities | Kelvin Grove - SEM-1 (Block) Gardens Point |

- SEM-2 (Block)

This unit introduces research paradigms, strategies, methods and modes of presentation used in practice-led research; outlines and develops research skills, including academic protocols and advanced information retrieval skills; provides content common across a range of conceptual frameworks and disciplines, and relevant research approaches. 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 tools for designing, implementing and evaluating that study within a Creative Industries context.

KKP603 Research in the Creative Sector

| | |
|----------------|--|
| Pre-requisites | KKP601 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 (Block) |

This unit provides you with an understanding of the theory and practice of research project development through an integrated view of the concepts, skills, tools and techniques involved in establishing Creative Industries

research projects. It builds on the research skills, tools and knowledge of resources acquired in KKP601 Approaches to Research in Creative Industries to develop and present a project proposal, the first major milestone of the Doctor of Creative Industries. The establishment of a methodology for a project in higher degree research often requires realignment of the industry-related processes and expectations. This unit considers a range of essential elements of research projects' development including significance and contributions to knowledge, structures and delivery, processes and procedures, timelines, ethical clearance and risk assessment.

KKP609 Approaches to Media, Communication and Cultural Research

| | |
|----------------|---|
| Co-requisites | IFN001 |
| Equivalent s | KKP601, KKP624 |
| Credit Points | 12 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - SEM-2 (Block) Kelvin Grove - SEM-1 (Block) |

This unit Introduces the process of developing and conducting a research project; aids to develop researcher skills, including academic protocols and advanced information retrieval skills; and provides information about the key data gathering and analytical processes for research in media,

communication and cultural research. In order to produce high quality research it is necessary to gather and analyse data to generate new knowledge that is reliable and valid. This unit plays a key role in your research degree by introducing you to the fundamentals of good research and standards of presentation. The unit helps you develop the skills to manage your own research project.

KKP624 Approaches to Design Research

| | |
|----------------|---|
| Pre-requisites | Admission into IF49 or KK51 or KK59 or KK60 |
| Equivalent s | KKP601, KKP609 |
| Credit Points | 12 |
| Campus | Gardens Point and Kelvin Grove |
| Availabilities | Gardens Point - SEM-2 (Block) Kelvin Grove - SEM-1 (Block) |

This unit provides theoretical and practical grounding in fundamental research methodologies, tools and analyses, allowing you to develop knowledge and skills of diverse research approaches and critical research issues. In order to produce high quality research it is necessary to gather and analyse data to generate new knowledge that is reliable and valid. This unit plays a key role in introducing you to appropriate forms of enquiry for your own research and providing you with the philosophies, frameworks, methodologies and protocols for planning, implementing and evaluating that research within

a Design and Creative Industries context.

KMB109 Creative Practice in Music

| | |
|----------------|--|
| Equivalent s | KMB138, KMB141 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-2 |

This unit establishes a community of practice with an emphasis on collaborative music-making that you can draw on to inform your own work. It introduces you to a range of music contexts, concepts and techniques to help you better understand your practice and that of your peers, and to be better positioned and equipped to respond as appropriate. Successful musicians need to form and negotiate their creative practice within a complex professional environment. They need critical, technical, conceptual and communication skills to understand their music in context and how it can be connected to an audience. This unit introduces you to the fundamental concepts and approaches to develop your practical skills in the creation and presentation of new music. It provides an opportunity for you to explore and present creative ideas collaboratively with peers in a professionally engaged environment.

KMB118 Musicianship 1

| | |
|--------|----|
| Credit | 12 |
|--------|----|

Units

| | |
|----------------|--------------------------------|
| Points | |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit develops your awareness, critical analytical and synthesis skills across a broad range of music and sound contexts and concepts. It complements other creative, practical and analytical units in the degree by fostering a deeper understanding of music and sound.

KMB119 Music Production 1

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit introduces you to the fundamental principles of music and sound production through a mix of theory and practice. You will gain an understanding of sound recording, sound production and live sound reinforcement, while developing listening skills essential for music and sound production. The unit prepares you for later music production and creation units.

KMB128 Musicianship 2

| | |
|----------------|--------------------------------|
| Pre-requisites | KMB118 or (KMB122 and KMB137) |
| Equivalent s | KMB139, KMB141 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit builds on the foundational aural and

analytical skills introduced in Musicianship 1 to develop understanding of music and sound. These skills will be applied to a range of musical styles, settings and practices. The development of critical listening, analytical skills combined with representational and demonstrational skills across a broad range of music and sound is critical to the developing modern musician. The unit will foster a deeper understanding of music and sound to help inform and situate your creative practice. This unit develops your awareness, critical analytical and synthesis skills across a broad range of music and sound contexts and concepts. It complements other creative, practical and analytical units by fostering a deeper understanding of music and sound.

KMB129 Music Production 2

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit builds on Music Production 1. It introduces you to sequencing, sound synthesis, and signal processing as approaches to contemporary music composition and production. You will gain an understanding of the approaches and aesthetics that underpin music production and performance in the digital domain. The unit prepares you for later music

creation units.

KMB215 The Music Industry

| | |
|----------------|---|
| Equivalent s | KMB301, KMB056 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit gives a working knowledge of the structural, legal and business aspects of the Australian and global music industries by engaging with real world music industry professionals and formulating a number of strategies to reflect this.

KMB216 Audio / Visual Interaction

| | |
|----------------|--------------------------------|
| Equivalent s | KKB216 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit surveys the concepts and processes required to build interactive media works. As such, it enables you to design and implement custom audio/video software for live performances and/or installations. 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.

KMB217 Music Creation 1

| | |
|--------------|--------|
| Equivalent s | KMB225 |
|--------------|--------|

Units

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

This unit will provide you with skills and understanding to create new music across a range of musical practices in performance, production and composition. It introduces you to varying musical contexts and concepts to help you better understand your practice and that of your peers within a complex professional environment, and to be better positioned and equipped to respond as appropriate.

KMB218 Musicianship 3

| | |
|----------------|--------------------------------|
| Pre-requisites | KMB128 |
| Equivalent s | KMB237, KMB325 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit develops your awareness, critical analytical and synthesis skills across a broad range of music and sound contexts and concepts. It complements other creative, practical and analytical units in the degree by fostering a deeper understanding of music and sound.

KMB222 Music and Culture

| | |
|----------------|---|
| Pre-requisites | Completion of 48 credit points of study |
| Credit Points | 12 |
| Campus | EXCHANGE, Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit explores the way that music operates as a form of social, cultural and political communication. Drawing on interdisciplinary approaches, you will investigate and discuss the various contexts in which music circulates and is made meaningful. The unit explores traditional and contemporary music from a range of cultural contexts, for example, Australian Indigenous music cultures, to provide opportunities to listen critically to music, while using key concepts from sociology, musicology, and cultural studies to discuss identity, culture, and the production and consumption of music. This unit is offered in the developmental stage of your course, and lays the groundwork for understanding why music exists in our lives and how it is placed in the cultural spectrum of music making and the perceived effects of globalisation and localism on music.

KMB223 Music and Media

| | |
|----------------|---|
| Pre-requisites | Completion of 48 credit points of study |
| Equivalent s | KMB252, KMB107 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit explores how music is used as a storytelling device in a range of visual media. Building upon your awareness as a media consumer and your existing technological skills, you will explore and apply techniques in interdisciplinary

contexts.

KMB227 Music Creation 2

| | |
|----------------|--|
| Pre-requisites | KMB217 |
| Equivalent s | KMB235 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-2 |

Building on Music Creation 1, this unit develops skills and understanding to create new music across a range of musical practices in performance, production and composition. Successful musicians need to form and negotiate their creative practice within a complex professional environment. They need to develop critical skills to understand their music in context and how it can be connected to an audience. As the second of four units in Music Creation, it builds deeper engagement and knowledge used to present creative ideas with peers and industry professionals.

KMB228 Musicianship 4

| | |
|----------------|--------------------------------|
| Pre-requisites | KMB218 |
| Equivalent s | KMB239, KMB335 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit assists you to develop an awareness of your own musicianship and where this is situated within the diversity of contemporary practices and

contexts. It develops your awareness of analytical and synthesis skills across a broad range of music and sound contexts and concepts. It complements other creative, practical and analytical units by fostering a deeper understanding of music and sound. This advanced musicianship unit provides you with critical listening, analysis, representational and demonstrational skills across a broad range of music and sound. The unit will foster a deeper understanding of music and sound to help inform and situate your creative practice. You will build on these skills towards your final year capstone Music Creation units.

KMB319 Music and Sound Production 5

| | |
|----------------|---|
| Pre-requisites | KMB229 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit focuses on pre-production skills and the planning and documentation of recording projects. It aids you to develop practical studio skills to an industry standard and to select, plan, document and co-produce professional standard creative works. As such, it addresses the required skills for the delivery and professional presentation of developed work in a variety of creative production areas. It deepens understanding of creative relationships and

extends your understanding of the approaches and aesthetics underpinning creative music and sound production. You will further develop practical skills in music and sound composition and deepen your knowledge of the hardware and software commonly used in creative production. This unit is the fifth in a sequence of six production units which integrate the technical skills and aesthetic principles necessary for the realisation of professional standard recording projects.

KMB329 Music and Sound Production 6

| | |
|----------------|--------------------------------|
| Pre-requisites | KMB319 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit develops your practical studio skills and aids you to engage with technical and production roles in professional standard recording projects. 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 collaboration, and the aesthetics underpinning creative music and sound production. You will develop further practical skills in music and sound composition and deepen your knowledge of performance direction and session management techniques commonly used in industry standard creative production.

This is the final unit in a sequence of six production units which integrate the technical skills and aesthetic principles necessary for the realisation of professional standard recording projects.

KMB336 Creative Studio 5

| | |
|----------------|---|
| Pre-requisites | KMB235 |
| Equivalent s | KMB325 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit aids you to build a reputation in your chosen field; to develop critical skills to understand practice in context; and to identify ways to successfully connect your practice to multiple audiences. Successful musicians need to establish their professional reputation in a complex and fast changing field of practice. This unit draws on the experiences gained from the previous four creative practice units through the refinement of practical skills in the creation and presentation of new music. It assists you to consolidate your skills as an artist and collaborator within a global field of practice. As the fifth of six units in creative practice, it provides an opportunity for you to envision and begin to realise your reputation and standing within a professionally engaged environment.

Units

KMB337 Creative Studio 6

| | |
|-----------------|---|
| Pre-requisites | KMB336 or KMB325 |
| Equivalent s | KMB335 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabiliti es | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit aids you to develop creative and promotional skills at a professional level; apply those skills in the planning, promotion, and management of your capstone creative portfolio; and to evidence extended engagement with multiple audiences. This is the capstone unit for the Bachelor of Music degree. It draws on your experience from all five previous creative practice units. You will lead and participate in individual or collaborative projects to produce the most fully realised portfolio of work in your degree. The portfolio will demonstrate that you have developed a sophisticated and professional voice over the three years of your study. It will also demonstrate a high level of professional activity and engagement. It will be launched to a public audience, be supported by a marketing and promotional plan, and demonstrate the highest professional values and an awareness of global potentials in your chosen field.

KMB350 Creative Performer 3

| | |
|----------------|--------|
| Pre-requisites | KMB251 |
| Credit | 12 |

| | |
|-----------------|--------------------------------|
| Points | |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-1 |

This unit concerns itself with the analysis of technological originality in performance and how these analytical frameworks and techniques can enhance your music and performer identity. This unit builds the skills and understanding necessary for generating original creative work through extension and experimentation. It adds to the foundational knowledge and skills developed in Creative Performer 1 and 2. As such, it aims to investigate originality in integrating a blend of new and traditional technology into music performance. This will enable you to expand your performance practice in a critical and artistic way.

KMB351 Creative Performer 4

| | |
|-----------------|--------------------------------|
| Pre-requisites | KMB350 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-2 |

This capstone unit builds on Creative Performer 1, 2 and 3, and examines your own musical practice in relation to finding a distinctive and accomplished performance profile, as well as the ability to respond well to direction. As such, it addresses your command of your instrument and the understanding of the concept of originality in music performance to your own approach to performance. It will enable you to develop your

own distinctive, creative and original performance practice and to understand how to manage your performance.

KNB125 Animation History and Context

| | |
|-----------------|--|
| Equivalent s | KNB113, KNB122, KNB111, KIB110, KIB220, KVB106 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-1 |

This introductory unit provides you with fundamental aspects of animation craft along with an understanding of the historical aspects and key practitioner that have impacted the development animation theories and practices. These core concepts will enable you to succeed in your animation studies by building foundational knowledge underpinning further animation studies within units such as KNB135 Animation Aesthetics and KNB215 Animation Performance which builds upon these skills and knowledge toward a complete and deep understanding of animation theories and practices.

KNB126 Motion Design

| | |
|-----------------|--------------------------------|
| Equivalent s | KNB123, KIB105 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-1 |

The unit Motion Design encapsulates the foundational aspects of visual narratives and explores the craft of expressing them in a

sequential temporal format. The richly diverse field of motion design impacts a wide range of creative areas with fields such as graphic design, animation, visual effects, sequential art, film and games all offering opportunities in motion design. This unit breaks down the motion design process from start to finish and aims to introduce you to the concepts and methods employed within the field of motion design to develop and communicate visual narratives. While this unit offers animation students core fundamental knowledge and processes, the content will also offer students within other creative disciplines an opportunity to develop cross-disciplinary knowledge and skills to enhance your practice and employability.

KNB127 CGI Foundations

| | |
|----------------|--|
| Equivalent s | KNB124, KIB111, KIB203 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit introduces the foundations of 3D computer graphics theory and production methods. It provides a solid theoretical understanding of 3D space; the technical skills to create 3D computer-generated imagery and the ability to resolve issues that arise during 3D production. 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.

KNB135 Animation Aesthetics

| | |
|----------------|--------------------------------|
| Equivalent s | KNB211 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit introduces basic to medium level techniques of 3D character animation by investigating the fundamental principles, concepts and approaches to body mechanics and character performance. The focus is on developing an understanding of methodology, planning and execution in order to achieve a sense of physicality and believability. When creating animated content for production, it is important to develop a solid methodology that allows an animator to work quickly and creatively while maintaining an acceptable level of quality. Being able to take direction and creatively 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.

KNB136 Visual Storytelling: Production Design

| | |
|--------------|----------------|
| Equivalent s | KNB112, KVB105 |
|--------------|----------------|

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

This unit introduces the drawing skills and processes employed in the visual development phase for animated and live-action films and games. It addresses covering sets, props and character model sheets for production ready designs. There are many visual conventions to consider in the conceptual development and presentation of a visual story for screen and games. A range of capabilities and technical skills (observation, description, meaning-making, recording, synthesis, interpretation and sequential representation in graphic form) are required. This unit provides a historic context for the drawing techniques and processes for concept development and production. As such, the unit is your link to pre-production and production units, such as KNB216 Visual Storytelling: Cinematic Pre-Visualisation and KNB226 Visual Storytelling: Pre-Production, as well as your final year capstone project.

KNB137 Digital Worlds

| | |
|----------------|---------------------------------------|
| Pre-requisites | KNB127 or KNB124 |
| Equivalent s | KNB212, KIB325, KIB215 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

External
- XCH-1, XCH-2

This unit provides a strong foundation in the practices and concepts associated the creation of CGI assets for use within real-time graphics production. Applications of real-time 3D graphics now extend beyond the common place use in games into fields such as virtual production, interactive cinema, virtual reality and augmented reality. These applications offer users interactive and immersive experiences beyond merely watching a static 3D graphic. The creation of these experiences requires a firm grounding in the practices, concepts and skills associated with real-time production and asset creation for use in a real-time 3D engine. This unit allows you to take advantage of 3D skills and knowledge developed during KNB127 CGI Fundamentals, while laying the critical foundational knowledge and skills needed for more advanced practices undertaken in KNB217. It is a starting point to incorporating real-time technologies into your capstone projects.

KNB215 Animation Performance

| | |
|----------------|---|
| Pre-requisites | KNB135 or KNB211 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

Building upon your animation

studies undertaken in KNB135 Animation Aesthetics this unit expands your understanding of performance within animation. This unit offers further opportunity to study and apply the principles, processes and theories of animation through the creation of engaging characters performance, building core skills and knowledge needed to undertake KNB225 Advanced Animation Performance.

KNB216 Visual Storytelling: Cinematic Pre-Visualisation

| | |
|----------------|--------------------------------|
| Pre-requisites | KNB136 or KNB112 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit expands upon drawing skills as applied to concept design learned in KNB136 Visual Storytelling: Production Design, and introduces you to the devices and techniques employed in cinematic narratives through storyboarding and animatics. Students will practise and refine their drawing and storytelling skills while working on script based sequences that employ screen language techniques in order to create meaning, emotion and deliver an engaging story. The knowledge gained in this practice based unit is relevant to animation, live action and games. The unit is your link to pre-production and production units, such as KNB226 Visual Storytelling: Animation Pre-Production, and your final year capstone projects.

KNB217 Digital Creatures

| | |
|----------------|---|
| Pre-requisites | KNB137 or KNB212 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit focuses on the creation of 3D Digital Creatures. The unit builds upon the production techniques introduced in KNB127 CGI Foundations and KNB137 Digital Worlds, and enables students to develop, create and animate 3D creature assets, ready to be inserted into a digital production pipeline.

KNB225 Advanced Animation Performance

| | |
|----------------|--------------------------------|
| Pre-requisites | KNB215 or KNB211 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This practice-based unit advances knowledge on animation and acting techniques in a narrative context while working on a final project in a studio-like production. It addresses body language, expression and timing for effective communication in sequenced shots, as actors and directors at the same time. You will be the animation directors of your sequences - designing complex performances that include a range of emotions and creatures. Regardless of the medium or platform of

delivery, character performance is at the core of storytelling. In order for the audience to empathise and engage with your animated character, it is important to understand the principles and techniques behind the craft of convincing and expressive acting, based on stylised animated movement.

KNB226 Visual Storytelling: Animation Pre-Production

| | |
|----------------|--------------------------------|
| Pre-requisites | KNB216 or KNB122 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit expands on story development, design and pre-visualisation techniques for visual storytelling productions. As such, it consolidates and expands your concept development, production design and pre-production knowledge and skills acquired in KNB136 Visual Story: Production Design and KNB216 Visual Story: Cinematic Pre-Visualisation. The unit focuses on developing designs and storyboarding based on original concepts and stories to a production-ready level for animation, live action and games. As part of this unit you will develop, pitch, direct and project-manage your own short film to an animatic form ready for production. The ability to apply drawing to such a task requires various capabilities and technical skills: observation, description, meaning-making, recording, synthesis, interpretation and

sequential representation in graphic form. This unit will develop the drawing and painting practice and advanced direction skills required of an emergent animation professional.

KNB227 CGI Technologies

| | |
|----------------|---|
| Pre-requisites | KNB137 or KNB212 |
| Equivalent s | KNB222, KIB226, KIB316 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit develops your understanding of modern real-time production processes within a team-based project. It also allows you to explore your selected area of CGI production and advance your knowledge of practice in preparation for undertaking the final year capstone projects. Within production CGI a vast number of roles and process come together to form rich virtual worlds. Each of these roles within CGI production could be considered a field of practice in its own right and it is common for CG arts to specialise into a couple of fields. This unit offers you the opportunity to start to define your personal practice within the field of CGI by building upon the generalist knowledge acquired through the previous CGI units. It prepares you for your 3rd year units by allowing you to familiarise yourself with team-based CGI production in a studio environment while

allowing you to test your selected role as a CG artist.

KNB310 Advanced Animation Production 1

| | |
|----------------|---|
| Pre-requisites | 24cp from (KNB225 or KNB221), (KNB226 or KNB122) and (KNB227 or KNB222) |
| Equivalent s | KNB311, KIB320 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit consolidates your studio working practices, while supporting you to develop advanced skills and concepts in computer animation production. This unit will bring a depth and breadth to your practice and provide you with the production management and direction skills required of an emergent animation professional. The experiences within this unit adhere directly into the final semester unit, Advanced Animation Production Two.

KNB320 Advanced Animation Production 2

| | |
|----------------|--------------------------------|
| Pre-requisites | KNB310 |
| Equivalent s | KNB321, KIB330 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

To prepare for life outside of the academic institution, it is important to be able to showcase your work with knowledge of the requirements

of your field. This unit builds on previous studies of animation techniques and production processes to complete a final advanced project and to create a professional showreel and portfolio. It continues to develop animation production skills, concentrating on final output and post-production for exhibition.

KPB101 Introduction to Screen Production

| | |
|----------------|--|
| Equivalent s | KPB117 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit introduces the principles and technologies of video production for both cinema and television such as the roles and responsibilities of production teams, production management, design and practice. Lectures by experts in the areas of producing, directing, and cinematography, editing and sound will inform your practice. As the contemporary mediascape simultaneously converges and diversifies technologically and in market applications, there is a growing demand for new content with correlating skill sets in media production. Drawing on production processes and methodologies established in film, video and television, this unit will introduce you to content production both generated and outputted through new media technologies. Skills, knowledge

and approaches will be drawn from the fields of scriptwriting, pre-production, production management, direction, producing, camera, sound, editing and post-production.

KPB113 Screen Text Analysis

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

Film and television production is an art-form and a business, and screen practitioners, critics and educators value media literacy based on critical and informed approaches to textual analysis. Taking into account shifts in industry and audience expectations in the new media environment, textual analysis can be applied to a diverse range of popular film and television texts from blockbuster movies to cult television programs.

KPB116 Introduction to Screenwriting

| | |
|----------------|--|
| Equivalent s | KWB102 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit introduces various principles, elements and stages that make up the scriptwriting process for narrative production. Skills needed to generate and select ideas, write synopses, and

draft scripts will be developed through studying and applying the key creative components of writing for the screen. The unit addresses principles of storytelling, industry standards and practical skills involved in developing projects for narrative productions within film, television and other media. The focus is on how to develop ideas, create engaging characters, and construct scenes for visual mediums. Writing scripts for a range of screen media formats is a learned craft and requires discipline, perseverance, and an understanding of industry practice. Possessing this key knowledge provides capabilities to develop concepts through to script stage.

KPB117 Screen Crafts: Non-Fiction

| | |
|----------------|--------------------------------|
| Equivalent s | KPB101, KPB115 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit acknowledges many first-year screen production students have prior learning and reinforces and builds upon that learning by engaging with the principles and technologies of screen production. Students learn screen language and production practices, roles and responsibilities of production teams, production management, design and practice. Lecture delivery by experts in the major production areas of producing, directing, and cinematography, editing

and sound informs this practice. Students work in groups to produce non-fiction videos which form a major part of their assessment.

KPB120 Contemporary Screen Histories

| | |
|----------------|---|
| Equivalent s | KPB109, KIB108, KNB121 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit engages with contemporary screen productions and the ways in which they look and sound. It aids you to develop an appreciation of the artistic and production practices of key individuals and studios. The styles of recent screen productions (how they look and sound) are the result of past and contemporary creative innovations associated with key individuals, production houses, and studios over an extended period of time. This unit considers the styles of screen productions such as movies, television shows, and video games as being the result of evolving production practices, technological developments, individual and collaborative creative endeavours, and audience expectations.

KPB121 Screen Business

| | |
|---------------|---------------------------|
| Equivalent s | KPB110 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |

| | |
|----------------|--|
| Availabilities | Kelvin Grove - SEM-2 External - XCH-2 |
|----------------|--|

This unit provides an introduction to the producing, writing and theoretical aspects of the movie, TV and new media businesses. The production and distribution of screen-based audiovisual material is a significant global industry. In order to properly understand the cultural impact of this content it is important to understand how it functions as an industry. This is important both for those who intend to work in these businesses, and for those who are interested in understanding how cultural and creative business works. Apart from introducing media business, the unit provides an understanding of the importance of researching the expectations and desires of audiences in order to create commercial products designed to entertain, inform or educate.

KPB122 Screen Crafts: Narratives

| | |
|----------------|--|
| Pre-requisites | KPB101 or KPB117 |
| Equivalent s | KPB105 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit develops your creative, technical and organisational abilities in the areas of screen storytelling and communication. Screen content specialisation requires

you to develop an effective, industry-related range of skills. It builds on and advances basic understandings, skills and principles developed in KPB101 or KPB117. An introduction to the skills of sound and lighting complements the earlier core skills of camera, editing, directing and producing, and the unit concentrates on the basics of telling a coherent fictional narrative story for the screen.

KPB208 Screen Genres

| | |
|----------------|---|
| Equivalent s | KPB112 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

Genre is central to understanding the cultural and industrial contexts and visual forms of narrative screen productions. Genre productions appeal to local and international audiences. As screen genres adapt and change, it is crucial to appreciate genre conventions, inventions and innovations. Such an appreciation can be achieved by investigating those genre elements that might have contributed to the commercial, critical, or creative success of recent screen productions. Considering the impact of genre on these productions provides insights into the cultural, entertainment, and creative functions of screen genres.

KPB215 Advanced Screenwriting

| | |
|----------------|---|
| Pre-requisites | KPB116 or KWB102 |
| Equivalent s | KPB207 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

Screenwriting occurs within specific socioeconomic frameworks and is supported by specific industry practices. Working within these models, you will become aware of the scope and limitation of scriptwriting for screen projects. In this unit you will have the opportunity to build and extend basic screenwriting techniques, and explore topics such as the role of screenwriters in the industry.

KPB216 Screen Content Production Management

| | |
|----------------|--------------------------------|
| Pre-requisites | KPB121 or KPB110 |
| Equivalent s | KPB210, KPB104 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit considers the role of the production manager, with a particular focus on the phases of pre-production and production. We examine how the production manager supports the producer in screen production projects, ensuring that the needs of the production have been

addressed via a preliminary schedule and draft budget, within all legal and insurance constraints. The unit introduces you to the importance of working within the resources available in order to achieve the necessary production values on screen in a highly competitive market place.

KPB217 Screen Crafts: Experiments

| | |
|----------------|--------------------------------|
| Pre-requisites | KPB122 or KPB105 |
| Equivalent s | KPB201 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Filmmakers must push the aesthetic and narrative boundaries of cinema in order to find their own distinctive voice and style. In this unit, students will have the chance to test their imaginative limits and creative abilities using both vision and sound.

KPB220 Factual Screens

| | |
|----------------|---|
| Equivalent s | KPB205 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit introduces the traditions of documentary film and television production, stylistic practices in documentary and documentary scripts, and methodologies for producing ethnographic, indigenous and cross cultural

documentaries. Understanding the role documentary performs in our media age provides a crucial literacy to this film forms. You will be exposed to the history and theory behind documentary, enabling you to conceptualise and plan your own documentary productions and critique the place of them alongside factual and fictional forms of filmmaking in the contemporary media landscape. The documentary filmmaking tradition has involved many crucial aesthetic, technical and ethical concerns throughout history. For film, screen and animation students, this unit aids you to integrate its contents into documentary scripts and productions, while for other disciplines' students, the unit provides the theoretical underpinnings and processes of documentary production.

KPB221 Screen Project Development

| | |
|----------------|--|
| Pre-requisites | Completion of 72 credit points of Film and Screen units (KP% units). |
| Equivalent s | KPB302 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit equips you as a developing screen content creator with the concepts and skills for project development and pre-production. It addresses the roles played by producers, directors, writers, script editors and other craft

practitioners in the creative process. Those who fail to plan, plan to fail. This tried and tested adage applies to every crew member and department involved in screen productions. Hard-to-come-by financing, tight budgets and schedules, and the expectation for high quality, innovative content mean that the planning phase of project development and pre-production is essential. Indeed, it is important for you who wish to work in contemporary screen industries to understand the nature and importance of these critical phases.

KPB222 Screen Crafts: Multi-Camera and Single-Camera Production

| | |
|----------------|--|
| Pre-requisites | KPB122 or KPB105 |
| Equivalent s | KPB213, KPB214 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-2 |

This unit addresses creative, technical and organisational abilities in the areas of screen story-telling and communication. It will also provide you with an understanding of the workings of multi-camera television studio production and how this mode of production differs from single-camera modes. You will develop practical production skills as a crew member on both modes of production which will form the basis of an effective industry-related repertoire. This unit builds on

skills developed in previous units to make productions such as studio-based multi-camera productions, commercials, community service announcements, short form narratives and client-based productions.

KPB315 Global Screen Studies

| | |
|----------------|---|
| Pre-requisites | KPB113 |
| Equivalent s | KPB206 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This course critically examines global cinema and the films of a selection of non-Hollywood cinemas in terms of historical, aesthetic, production and cultural contexts. The movies and television programs of national production systems are shaped by unique cultural, industrial and historical contexts, and non-Hollywood cinemas are responding to the challenges in the contemporary screenscape in unique and complex ways. This course will develop your critical writing, research and analytical skills and you will evaluate and problematise the history, aesthetics, production and cultural contexts of key global cinemas and how transnational forces shape 'local' screen content.p>

KPB325 Screen Issues

| | |
|----------------|----------------------------|
| Pre-requisites | KNB121 or KPB120 or KPB109 |
| Equivalent | KNB313 |

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|----------------|---|
| s | |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit develops historical, critical and analytical skills in reading and writing about issues in the screen industries and contemporary culture. It fosters both critical research skills and practical, professional development skills and approaches for emerging practitioners. It looks at contemporary screen production contexts and consumption practices, and how these issues relate to the industries. The unit considers the effect of screen forms on the experience of visual culture and investigates the relationship between evolving digital technologies and existing media. Understanding the contemporary contexts for screen production is essential for screen professionals. This unit brings you up-to-date with the issues and topics most relevant for emerging practitioners who would like to make the most of the opportunities, be aware of risks and become dynamic and adaptive in the process.

KRB111 Stage Management 1

| | |
|----------------|--------------------------------|
| Equivalent s | KSB111 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit introduces the

coordination of a live theatre production including theatre layout and terminology, role of the stage manager, duties and responsibilities from pre-rehearsal to close of season, communication procedures and rehearsal room procedures.

KRB112 Stage Management 2

| | |
|----------------|--------------------------------|
| Pre-requisites | KRB111 |
| Equivalents | KRB211, KSB211 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit builds upon Stage Management 1 by extending and broadening your understanding of the role of the stage manager and how it is applied in different performance contexts (dance, contemporary music, opera, orchestra, musical theatre, events). It provides an introduction into management issues in areas of stage mechanics, flying, props and wardrobe, and prepares you to undertake performance crew roles in these departments. This unit prepares you to undertake advanced responsibilities in management roles on Creative Industries productions.

KRB115 Production Practice 1: Fundamentals of Performance Production

| | |
|----------------|--------------------------------|
| Equivalents | KRB101 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Production Practice 1 is an introduction to the Production Arts in a theatrical environment. This unit is taught through a combination of theoretical and practical approaches, laying the foundations for future engagement in the specialised fields of live theatre production.

KRB116 Production Practice 2: Approaches to Performance Production Technologies

| | |
|----------------|--------------------------------|
| Pre-requisites | KRB115 |
| Equivalents | KRB104 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit prepares you to undertake operational and introductory managerial roles on Creative Industries productions. It is a continued exploration of the production arts and is the second in a suite of six units that provide the tools necessary for an ongoing career in this field. Through a combination of theory and practice, you continue your study of lighting, sound and vision systems, stage mechanics, workplace health and safety, and production communication processes. This unit is taught through a combination of theoretical and practical approaches, further advancing your engagement in the specialised fields of live theatre production. This unit aims to broaden and deepen the skills and knowledge attained in the introductory Production

Practice and Stage Management units.

KRB120 Scenography 1: Introducing Performance Design

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit introduces students to the foundational concepts of scenography through a study of historical shifts in live performance design. The unit considers how the use of light, sound, space, set, and costume in performance have developed over time, to better understand the role scenography plays within the performance work. Through this investigation, the unit covers the development of a broad range of techniques, technology and terminology used in contemporary design practice.

KRB121 Scenography 2: Creating Worlds for Theatre

| | |
|----------------|---|
| Pre-requisites | KRB120 |
| Equivalents | KSB215 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit introduces you to the concepts and processes associated with the creation of scenography – the world of the

theatrical performance. It explores the practical application of the core principles of scenography, such as the manipulation of the scenographic elements of set, costume, light and sound, and space and time, while considering narrative analysis, character, performers and audience. The unit facilitates practical application and experience in solving the challenges faced by the scenographer. This includes the demands of crafting and communicating a theatre design, using current design software to communicate design, and the ongoing challenge of documenting the creative process and product. It combines studio-based practical investigations with in-depth lectures on the application of design, including the role of the contemporary production designers, the design process and techniques.

KRB217 Production Practice 3: Design in Performance Production

| | |
|----------------|---|
| Pre-requisites | (KRB112 or KRB211) and (KRB116 or KRB104) |
| Equivalent s | KSB217 |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Production Practice 3 further advances the concepts and skills presented in the Production Practice foundation units, and expands your knowledge of the Production Arts in a theatrical

environment. This unit consolidates managerial and technical skills and encourages students to start exploring their own independent creative practice.

KRB218 Production Practice 4: Management in Performance Production

| | |
|----------------|--------------------------------|
| Pre-requisites | KRB217 |
| Equivalent s | KSB218 |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit provides ongoing support for you to continue to develop your technical, managerial and creative practice. It consolidates the practical and theoretical knowledge of the previous units and contextualises this information in a professional environment. This unit provides a framework for your transition into future professional industry placements.

KRB220 Scenography 3: Into the 21st Century

| | |
|----------------|---|
| Pre-requisites | KRB120 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit challenges students to interrogate the evolution of scenography through the 20th Century into the 21st Century within the changing fields of theatre and performance.

Through an investigation of key shifts and leading practitioners of this time, the notion of scenography and its role in theatre and performance is challenged.

KRB221 Scenography 4: Intermedial Theatre

| | |
|----------------|---|
| Pre-requisites | KRB121 and KRB220 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit introduces scenographic techniques and approaches for intermedial theatre such as conceptualisation through to realisation, while offering an appreciation of the overall production process. It explores the practical realisation of the principles of intermedial theatre - the use of space and technology; the design and composition of visual and aural environments; the demands and effect of the digitally mediated upon the narrative, production, performers and audience. The unit is structured to incorporate a degree of practical application and experience in solving the challenges faced by the designer working in theatre, including 'hands-on' experience of the processes and demands of realising an intermedial performance. As the final unit in the Scenography minor, this studio-based unit comprises predominantly ongoing practical work that you complete under the close

guidance and instruction of QUT academic staff and external industry professionals.

KRB307 Production Practice 5: Professional Practice in Performance Production

| | |
|----------------|--------------------------------|
| Pre-requisites | KRB218 |
| Equivalent s | KRB305 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Production Practice 5 exposes you to the rigours of public performance and production processes by providing you with practical opportunities. This unit provides students senior positions in creative, technical or management capacities on QUT Creative Industries productions.

KRB308 Production Practice 6: The Future of Performance Production

| | |
|----------------|--------------------------------|
| Pre-requisites | KRB307 or KRB305 |
| Equivalent s | KRB306 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit integrates all previous study by aiding you to demonstrate an advanced level of professional practice in senior creative, technical or management positions on a Creative Industries production. It exposes you to the rigours of public performance and production processes. Indeed, you will work autonomously and lead the production

process to a professional standard, facilitating an effective transition into the production arts industry. This is the final production practice unit and you are expected to demonstrate a highly developed level of specialist practice in anticipation of your entry into the professional sphere.

KSB103 Acting Skills 1: Introducing Vocal and Physical Dynamics

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

You will engage with the fundamentals of movement and voice production for actors, focusing on instrumental skills and ensemble development, working and learning in a dynamic practice-centred studio environment.

KSB104 Acting Skills 2: Embodying and Voicing Text and Story

| | |
|----------------|--------------------------------|
| Pre-requisites | KSB103 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit advances on dynamic movement and voice production for actors, focusing on instrumental skills and ensemble development. Highly developed technical proficiency in vocal and physical expressiveness is a fundamental requirement for professional actors. This unit introduces core techniques and

concepts associated with movement and voice production for actors working in screen and stage contexts. The continuing development of these skills will underlie every acting exercise or project undertaken through the three years of your course and beyond.

KSB116 Acting Practice 1: The Actor and their Texts

| | |
|----------------|--------------------------------|
| Equivalent s | KSB107 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

You will be introduced to the fundamentals of acting practice applicable to both screen and stage, focusing on the creative interaction of imagination, instrumental skills, responsiveness, text analysis and ensemble development.

KSB119 Acting Studies 1: Realism in Film and Theatre and the Stanislavsky Heritage

| | |
|----------------|--------------------------------|
| Equivalent s | KSB107 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

You will be introduced to the acting theory associated with Stanislavsky-based traditions of Acting, including the vocabularies, the concepts, the myths and the controversies. This is essential study for practitioners involved with acting realism, including actors, drama teachers, script-writers, film and theatre directors and

producers, or indeed anyone interested in deepening their understanding of the art of acting.

KSB126 Acting Practice 2: The Actor and the Performance Space

| | |
|----------------|--------------------------------|
| Pre-requisites | KSB116 |
| Equivalent s | KSB108 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit develops skills and understanding of acting, through practical application across different dramaturgical contexts and staging languages. Indeed, professional actors need to be able to apply their acting skills to a variety of different physical settings, and be able to communicate character and relationship within different cultural and dramaturgical contexts, including those informed by Aboriginal and Torres Strait Islander perspectives. This unit introduces the core techniques and concepts to be able to integrate understanding of text, use of space and objects, and characterised relationships to meet the acting demands posed by different writers and their scripts. It builds on KSB116 Acting Practice 1: The Actor and their Texts, and aids you to perform in a range of roles and characters on screen and stage projects.

KSB129 Acting Studies 2: Innovations in Acting Methodologies for Screen and Stage

| | |
|----------------|--------------------------------|
| Equivalent s | KSB108 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit explores the notion and value of cultural and artistic difference, its language and vocabularies, its concepts and perspectives, and its potential application to your creative practice. Outside the Stanislavsky-based acting tradition sits a range of acting theorists and training methodologies that have been enormously influential in the development of a number of contemporary actors, directors and other creative practitioners. They have benefited from exposure to those acting traditions. This unit applies developing cognitive skills to understanding such alternative acting theory, including those informed by different cultural contexts including Aboriginal and Torres Strait Islander perspectives, with application to contemporary theatre and film-making.

KSB210 Screen Acting 1: The Actor and the Camera

| | |
|----------------|--------------------------------|
| Pre-requisites | KSB126 or KSB108 |
| Equivalent s | KSB223 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit introduces you to the core performing skills associated with contemporary acting for camera, in a simplified classroom, television studio or location setting. It establishes the basis for the kind of raw, authentic, emotionally honest, technically sophisticated and compelling screen performances that are becoming the hallmark of the QUT-trained actor.

KSB220 Screen Acting 2: Studio Collaborations

| | |
|----------------|--------------------------------|
| Pre-requisites | KSB210 or KSB223 |
| Equivalent s | KSB224 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit gives you the opportunity to practice your screen acting skills in an intensive studio environment designed to replicate industry practice. It builds on Screen Acting 1: The Actor and the Camera, and focuses on developing absorbing screen performances, while managing the associated industry-based technical protocols. You will learn how to work quickly and effectively with a cross-disciplinary team of television artists and technicians. Screen actors need to be able to perform in collaboration with the film production team without being distracted by the often complicated demands of the technology and its associated workflows. This unit provides the skills to create truthful and believable

Units

performances in a technologically complex studio environment involving cross-disciplinary collaboration including direction, cinematography, lighting and sound capture.

KSB236 Acting Practice 3: The Collaborative Storyteller

| | |
|-----------------|--------------------------------|
| Pre-requisites | KSB126 or KSB108 |
| Equivalent s | KSB229 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-1 |

This unit introduces practical opportunities to apply your developing knowledge, understanding and skills in acting to a variety of cultural and staging contexts in live theatre projects, collaborating with a range of creatives including directors, designers and performance technology specialists.

KSB239 Acting Studies 3: The Actor and the Screen

| | |
|-----------------|--------------------------------|
| Pre-requisites | KSB119 or KSB107 |
| Equivalent s | KSB229 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-1 |

In this unit you will examine the academic and industry literature around screen acting and relate it to a study of film and television acting, actors and performance styles across a range of periods, genres and cultural settings.

KSB246 Acting Practice 4: The Actor and the Audience

| | |
|-----------------|--------------------------------|
| Pre-requisites | KSB236 or KSB229 |
| Equivalent s | KSB230 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-2 |

This unit develops your skills in performing to live audiences. It involves participation across a number of challenging projects, providing dramaturgical, staging and cultural contexts while engaging with live audiences, in order to bring your skills to industry-readiness by the completion of your course. This unit integrates developing acting skills, voice, movement and characterisation by applying them to the demands associated with performing roles from scripts of different genres. To be employable, professional actors must be able to apply their acting skills to a diversity of characters, performance settings and audiences. This unit provides you with continuing opportunities to extend your acting range and your skills in responding to live audiences by taking on roles by different writers in theatre or studio settings.

KSB249 Acting Studies 4: Acting in the Digital Space

| | |
|----------------|------------------|
| Pre-requisites | KSB129 or KSB108 |
| Equivalent s | KSB230 |
| Credit Points | 12 |
| Campus | Kelvin Grove |

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|-----------------|--------------------------------|
| Availabiliti es | Kelvin Grove - SEM-2 |
|-----------------|--------------------------------|

This unit integrates existing and emerging digital production and distribution technologies with the formulation of future-focused performance projects. In it, you combine an investigation into accessible digital communication, production and distribution technologies relating to screen acting, with the formulation of collaborative and entrepreneurial creative projects designed to exploit the opportunities these technologies offer to emerging creative practitioners (e.g. actors, script writers, directors, producers, composers, cinematographers) seeking to establish their careers. The high pace of technological change continues to impact on all aspects of the performance-based industries. The unit covers sophisticated technologies transforming production and distribution processes with a view to identifying the threats and opportunities they offer actors, directors, writers, producers and associated artists seeking career pathways into the industry.

KSB310 Screen Acting 3: Location and the Actor

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|-----------------|--------------------------------|
| Pre-requisites | KSB220 or KSB224 |
| Equivalent s | KSB301 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-1 |

Filming on location provides

a university for
the real world



film-makers with access to interesting and authentic settings that provide powerful visual and symbolic values. However, for the actor there are a range of demands and challenges not associated with performing in the highly controlled environment of a film or television studio. This unit introduces you to the demands, protocols, challenges and opportunities offered by filming on location.

KSB320 Screen Acting 4: The Actor as Product

| | |
|----------------|--------------------------------|
| Pre-requisites | KSB310 |
| Equivalent s | KSB302 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This capstone unit integrates all skills and tests them in a fully supported industry benchmarked experience, that culminates with a high-quality film scene screened to industry representatives at the Acting showcase event. It comprises a fully supported industry equivalent film production experience, making short films as promotional tapes for casting directors, actors' agents and the like, to be screened and used as promotional artefacts by QUT. The unit provides the skills, aptitude and artefacts to promote acting skills to agents, casting directors and producers by creating a range of both directed and autonomously produced film-based scenes that demonstrate technical

sophistication, artistic worth and industry readiness. By the completion of this unit you will be fully equipped with the knowledge, techniques, skills and understanding to establish a 'digital presence' and to complement your networking and auditioning skills.

KTB110 Plays that Changed the World

| | |
|----------------|---|
| Equivalent s | KTB101 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit investigates theatre and performance from Greek Theatre to Postmodernism and embraces socio-cultural/political/historical perspectives. This unit will provide foundations in academic written communication skills as required in the discipline of drama.

KTB111 The Authentic Performer

| | |
|----------------|---|
| Equivalent s | KTB103 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

Authenticity is the foundation for building and portraying characters for the performing artist. This unit is an overview of the theoretical and practical

components of Stanislavski-based realism which strives towards authenticity. Emphasis is placed on the critical and creative theories and techniques needed to cultivate authenticity, imagination, emotion-awareness and vocal and physical technique.

KTB120 Diverse Theatre Practice

| | |
|----------------|---|
| Equivalent s | KTB108, KTB209 |
| Credit Points | 12 |
| Campus | EXCHANGE, Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit addresses artistic practices and narratives that, for historical, societal or political reasons, have struggled to find a safe place and a voice in our cultural landscape. Through direct engagement, the unit will provide foundational knowledge of the sensitivities of practice and protocols to enhance communication and appropriate professional conduct when collaborating with artists and cultures from diverse backgrounds. An appreciation of how performance and story manifest across distinct cultural boundaries and history is essential for a comprehensive understanding of theatre practice in the 21st century. Theatre practitioners require an awareness of cultural practices and protocols, and empathy for the multiplicity and complexity of a diverse, globalised world, to ensure the voice of

Australian theatre reflects a true picture of contemporary society.

KTB121 The Responsive Performer

| | |
|----------------|---|
| Equivalent s | KTB106 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit engages theoretically and practically with interaction, reaction, participation and co-creation in the theatrical experience with emphasis on comedy. The critical and creative theories and techniques needed to cultivate self-awareness, other-awareness, play, improvisation and vocal and physical technique constitute the central focus of the unit. The basic premise of performance is sharing the conspiracy of theatre with the creative collaborators, fellow performers and, most importantly, the audience. Being comfortable with the uncertainty of the live act and empowered by its dynamism and ephemerality are key aspects of the development of the responsive performer. A combination of exercises and scene study will deepen the understanding and playing of action in the comedic mode. Building on the skills learned in The Authentic Performer, this unit provides you with the skills necessary for the development of a confident and versatile performer.

KTB126 Drama Practice 1: Collaboration

| | |
|----------------|---|
| Equivalent s | KTB102 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This introductory unit addresses practical and theoretical understandings of processual, improvised and devised dramatic form. It introduces collaborative practice and play building that is at the heart of the BFA Drama coursework. The unit presents different techniques and processes of content generation and form exploration and develop a language around creative inquiry, taking concepts to action and applying form and genre to original ideas. It offers a descriptive and analytical vocabulary to underpin the application of performance making in preparation for 2nd and 3rd year practical units. Ultimately, this unit will provide a solid foundation for the academic and professional skills of observation and analysis, teamwork, creative leadership and collaboration to explore ideas or generate content.

KTB216 Drama Practice 2: Interpretation

| | |
|----------------|--------|
| Pre-requisites | KTB126 |
| Equivalent s | KTB105 |
| Credit | 12 |

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| Points | |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

Skills in the analysis, interpretation and presentation of text-based performance are an important foundation for Drama practitioners. Here you will build and apply skills of theatrical interpretation and performance through a practice-led process of script-based rehearsal and performance of selected scenes.

KTB217 Story and Performance

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

An understanding of storytelling forms and the development of performance texts are fundamental communicative tools for artists. This unit develops professional dramaturgical proficiency in research, analysis, reflection and the giving and receiving of feedback. In addition, students are introduced to concepts and techniques needed to develop performance writing, either individually as a playwright, or in collaborative and devising contexts.

KTB225 Radical Theatre Forms

| | |
|---------------|----------------|
| Equivalent s | KTB302, KTB204 |
| Credit Points | 12 |

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|----------------|---|
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit develops an appreciation of theatre innovation in both historical and contemporary contexts. It addresses concepts attributed to postdramatic theatre, immersive theatre forms, theatre as a hypermedium, and audience-centred work. Throughout history theatre has responded to changes within society and has developed styles that have reinterpreted and reinvented the notions of character, tension, audience, site, time and narrative. One way to understand new and radical theatre styles is to investigate the historical and contemporary contexts that are shaping current theatrical practice. These practices give rise to theatre that is responsive to site, places the audience at the centre of the experience and engages with non-linear narrative form. Understanding this enables theatre-makers to develop informed choices about where to locate, describe and promote their practice and product. This unit explores forms that reinvent notions of audience, narrative, space and linear time.

KTB226 Drama Practice 3: Transformation

| | |
|----------------|------------------|
| Pre-requisites | KTB126 or KTB102 |
| Equivalent s | KTB205 |
| Credit Points | 12 |

| | |
|----------------|---|
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This practice-led, intermediate unit enables you to build and apply skills in collaboratively devising and performing a show. Under the guidance of a director you interpret and transform key formal features of selected iconic practitioners or performances as the starting point for an original show to be performed at the end of semester. Indeed, transformation can be a process of adaptation, repurposing or one of profound re-imagining of content and/or form through research of form and genre, and the development and application of skills in devising, workshop and dramaturgical interrogation.

KTB227 Leadership in Creative Contexts

| | |
|----------------|---|
| Equivalent s | KTB213, KTB306 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit investigates creative roles and organisational systems towards an understanding of conventional and emerging forms of leadership. Through engagement with important practitioners and best-practice models, you will investigate the dynamics of effective collaboration within

contemporary contexts, focusing on a personal point of interest. The unit addresses principles and practice of research and conceptual development, as well as the resulting plans and pitches required in professional environments. While leadership can take many forms, in this context its purpose is to achieve a unified creative vision. Whether within conventional hierarchical structures or collaborative models, delivering creative outcomes requires not only knowledge of the personal, logistical and artistic processes of creation, but also an understanding of the creative processes to safely navigate from concept to fullest expression.

KTB316 Drama Practice 4: Generation

| | |
|----------------|---|
| Pre-requisites | KTB226 or KTB205 |
| Equivalent s | KTB303 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

Generation refers to taking an idea through a conceptual process to a supported proposal. This unit activates a process of inquiry that employs theory, skills and practice you have gathered so far to research and experiment with a potentially interdisciplinary work that responds to bigger critical and creative conversations, in consultation

with experienced practitioners.

KTB326 Drama Practice 5: Realisation

| | |
|----------------|---|
| Pre-requisites | KTB316 or KTB303 |
| Equivalent s | KTB313 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This advanced unit enables you to independently realise a new work on the page, stage or in between, responding to real world opportunities you may pursue after graduation. Interpretation, transformation and generation all have a role to play in realising a new creative work. Led by creative practice, this unit activates the foundations of prior drama practice units in a capstone experience which enables you to further develop your creative practice. Successful creative practice is measured by degrees of expertise, diligence and awareness that are acknowledged by audiences, peers and industry. Talent aside, much is dependent on working with others to converge drama theory, skills and practice into proposals, presentations or performances that possess viability and integrity. It is also reliant on the capacity of individuals and groups to formulate and respond to critique and successfully navigate dynamic uncertainties of creative realisation to fashion a viable outcome.

KTD101 The Successful Creative Life

| | |
|----------------|---------------------------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2 |

This introductory unit provides you with background knowledge and skills to study and engage in the Creative Industries. Creativity is seen as a source of competitive advantage in the modern global economy and this unit is a foundation study to deepen your knowledge, critique and application of creative decision making. It does this by tracking the experience of creativity in three areas of life: personal creativity, artistic creativity and creativity in business. To do this you will engage in creativity training through workshops which identify and extend personal creative practices, reviewing the creative decision making of experienced artists and examining the place of creative decision making in the modern creative economy. Studying creativity from these perspectives allows students to engage with a bigger question: How does a person have a successful creative life?

KVB102 Modernism in Art

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit addresses concepts

and movements that comprise early twentieth-century modernism in art and culture. It provides a coherent theoretical-historical knowledge of the period, 1900-1945, while fostering written, and oral communication skills, as well as building capabilities for visual analysis of art works across different media. Modernism is a crucial area of study for understanding twentieth century and contemporary art and visual culture. A proper comprehension of this period will assist you to become an informed practitioner in contemporary art, design, architecture and art writing.

KVB104 Photo Media and Art Practice

| | |
|----------------|---|
| Equivalent s | KVD104 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

This unit develops an appreciation of the conceptual, cultural and historical contexts of photo media, addressing visual literacy, critical artistic enquiry, and the protocols related to ethical photo media practice. Photo media, which involves the use of diverse photographic processes, plays an important role in contemporary creative practices because of its pervasiveness and its application across a broad range of cultural and conceptual contexts. Photo

imaging may also be the predominant mode of specific artists within a broader multidisciplinary approach to practice. This unit introduces a diverse range of contemporary artistic photo imaging concepts and methods as part of a trajectory of photographic history. It provides the opportunity to experiment with a variety of approaches to understand and create engaging and informed photo image portfolios.

KVB110 2D Art: Material and Process

| | |
|----------------|----------------------------|
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - XCH-2 |

KVB113 Australian Art and Identity

| | |
|----------------|--------------------------------|
| Equivalents | KVB115, KVB103 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit introduces you to the history of Australian art in the 20th Century and provides you with an understanding of the evolution of Australian art, including Indigenous art, as an expression of ideas about national identity and Australia's place in the international community.

KVB117 Visual Arts Open Studio 1

| | |
|----------------|---------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove |

es - SEM-1

This unit introduces you to the conditions of current creative visual arts practices, their processes, reception, and contribution to society. You will initiate an individual visual art practice through the exploration of creative processes, the application of 'art thinking' and the development of a conceptual/contextual framework to support your studio activities.

KVB127 Visual Arts Open Studio 2

| | |
|----------------|--------------------------------|
| Pre-requisites | KVB117 or KVB120 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit advances on your independent, self-directed art practice. By exploring a range of processual strategies for the practice of contemporary art and identifying its active and emergent conceptual dimensions, you will develop ways of engaging with the possibilities and challenges arising from the practice of contemporary art. The open-ended conditions of current creative practices, their processes, reception, and contribution to society, are diverse, increasingly complex, and inherently multi-layered. The Open Studio model of contemporary visual art practice provides a platform to build a robust and flexible creative skillset. Building on learning completed in Visual

Arts Open Studio 1, you will expand your individual visual art practice through the exploration of creative processes, the application of 'art thinking'; and the development of a conceptual/contextual framework to support your studio activities.

KVB200 Exhibition and Display in the Visual Arts

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

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.

KVB210 Time-Based Art: Moving Images

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit develops your critical literacy of video, filmic, and time-based imagery in

Units

combination with creative and technical experimentation to engage with the conceptual and artistic possibilities of moving images.

KVB216 Post 1945 Art

| | |
|----------------|---|
| Equivalent s | KVB214, KVB211 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit introduces the historical, philosophical, economic, political, social, cultural, artistic and formal issues related to the production of art since 1945 and into the post-modern era. Major topics that are examined include the neo-avant-garde and art's engagement with consumerism. This unit is intended as a foundation skill-base for all students in Creative Industries applicable to all disciplines and cultural industries including art criticism, arts practice, architecture, landscape architecture, fashion and music.

KVB217 Visual Arts Open Studio 3

| | |
|----------------|--------------------------------|
| Pre-requisites | KVB127 or KVB121 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Building on your first year Visual Arts Open Studio learning, this unit focuses on

the consolidation of an individualised visual art practice within a creative community of practitioners. It foregrounds art thinking, speculative inquiry and combinatory play with the material, conceptual and contextual dimensions of creative practice in order to nurture an imaginative and effective level of creative literacy and intelligence.

KVB222 Spatial Art: Object and Site

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This intermediate visual art unit provides empirical and theoretical frameworks for exploring the areas of space and site thus further developing your creative practice. Through both directed and independent activities you will explore the sculptural object and its setting as interdependent aspects of spatial art practice. These practical activities will be grounded in a study of the critical-analytical background to debates and theories in the field of installation art, site-based art and public art. This unit forms part of a suite of visual arts units that aim to expand your creative skillset and visual literacy for application in the visual art studio and beyond.

KVB223 Post 1989 Art

| | |
|--------|----|
| Credit | 12 |
|--------|----|

| | |
|----------------|---|
| Points | |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit introduces key ideas and styles of art practice that have emerged since 1989 in a global economy. It develops knowledge and skills that are relevant to cultural literature and visual analysis. It furthers your expertise in problem solving, creative thinking and effective communication of knowledge in a variety of contexts and modes. As a creative industries student, it is important to possess an informed knowledge of art and culture since 1989, including the rise of the experience economy and the centrality of entertainment and post-avant-garde art in global creative industries. The concepts and knowledge gained will aid you to organise and evaluate information, synthesise research material into a coherent form, and write and verbally articulate ideas. This unit is intended to provide a foundation skill-base for you in Creative Industries and is applicable to all disciplines including art criticism, arts practice, architecture and fashion.

KVB227 Visual Arts Open Studio 4

| | |
|----------------|-------------------------------------|
| Pre-requisites | KVB217 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove |

Units

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| es | - SEM-2 |
| | External |
| | - XCH-1, XCH-2 |

This unit focuses on the elaboration and sustained development of an individualised artistic practice within a creative community of practitioners. It foregrounds art thinking, speculative inquiry and combinatory play with the material, conceptual and contextual dimensions of creative practice in order to nurture an expanded and nuanced level of creative literacy and intelligence. The open-ended conditions of current creative practices, their processes, reception, and contribution to society, are extremely diverse, increasingly complex, and inherently multi-layered. The Open Studio model provides a unique and ideally suited position from which to understand these factors and develop a relevant creative skillset. This unit furthers a sense of creative inquiry, self-motivation, self-reliance, and an openness to new ideas and aesthetic experiences. By providing support and structure for these activities and developments, the unit reinforces these essential qualities of artistic practice.

KVB317 Visual Arts Open Studio 5

| | |
|----------------|---|
| Pre-requisites | KVB227 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External |

This information is correct as at 17/12/2019. For the most up-to-date course information, visit <https://www.student.qut.edu.au/enrolment/units/>. CRICOS No.00213J

| |
|----------------|
| - XCH-1, XCH-2 |
|----------------|

In this final year unit, you will undertake self-directed, intensive study in the Open Studio supported by research into a broad range of artists' practices and contemporary art theory. The Open Studio is a creative community, which foregrounds art thinking, speculative inquiry and combinatory play with the material, conceptual and contextual dimensions of creative practice.

KVB327 Visual Arts Open Studio 6

| | |
|----------------|--------------------------------|
| Pre-requisites | KVB317 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit provides conceptual frameworks and practical experience in the Open Studio, in order to synthesise critical, creative and analytical thinking, in an independent, professionally ready, creative practice. It addresses effective communication, presentation and advocacy skills for the variety of contexts and modes you will engage with in the professional industry. The conditions of contemporary art practices, their production, reception and contribution to society are extremely diverse, increasingly complex and multi-layered. Your sustained critical involvement and increasing commitment to conceptual and creative pursuits will be supported by intensive research into artists' practices

and contemporary theory. The Open Studio is a creative community, which foregrounds art thinking, speculative inquiry and combinatory play with the material, conceptual and contextual dimensions of creative practice.

KVD104 Photomedia and Artistic Practice

| | |
|----------------|--|
| Equivalent s | KVB104 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

Photo media, which involves the use of diverse photographic processes, plays an important role in contemporary creative practices because of its pervasiveness and its application across a broad range of cultural and conceptual contexts. Photo imaging may also be the predominant mode of specific artists within a broader multidisciplinary approach to practice. Photomedia and Artistic Practice introduces you to a diverse range of contemporary artistic photo imaging concepts and methods as part of a trajectory of photographic history. This unit also gives you the opportunity to experiment with a variety of approaches to understand and create engaging and informed photo image portfolios.

KWB104 Writing the Short Story

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|---------------|-------------------------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |

a university for
the real world



Units

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| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |
|----------------|---|

This unit explores the elements of fiction such as character, voice, setting, plot, dialogue, point of view and modulation, and helps you acquire and practice skills in creative writing. It provides techniques in creative writing and editing, including some guidance in publishing. In this unit you will learn to analyse literary writing, in particular the short story, for craft elements and write your own work to industry standards. Rereading, editing, peer critique and rewriting are viewed as integral to the writing process. The writing of short stories has traditionally been a starting place for writers to begin developing their craft. This unit will aid you to improve your fiction writing skills and editing skills through a series of lectures and peer-critique workshops.

KWB113 Introduction to Creative Writing

| | |
|----------------|---|
| Equivalent s | KWB101 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

Introduction to Creative Writing aims to provide you with the fundamental skills for writing fiction and poetry, as well as a basic theoretical background. The unit looks at the development of these literary forms as a way of

understanding how a practitioner might best approach both the writing and critical analysis of them in the contemporary context. It is designed to enable you to begin to develop a critical understanding of your own and others' approaches to the writing life.

KWB116 Creative Non-Fiction

| | |
|----------------|---|
| Equivalent s | KWB107 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

Creative nonfiction is an important part of the professional writer's practice, and allows writers to combine real life stories with the creative writing techniques employed in fiction. This unit explores a number of genres of nonfiction, and encourages students to apply creative writing techniques to their areas of interest, from travel to music and food.

KWB117 Australian Voices: Writing and Practice

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

Familiarity and engagement with one's national writing culture is an important part of a professional writer's practice. This unit gives students a critical awareness of contemporary Australian

writing, and how writing culture in Australia is positioned in terms of industry, genre, and changing concepts of authorship practice.

KWB118 Swords and Spaceships: Writing Genre

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit surveys current trends in genre writing and popular fiction with a focus on writing for reader engagement. You will have the opportunity to develop a piece of writing that makes use of the techniques of your chosen genre and that reflects the concerns and themes appropriate to your genre. It includes focused writing exercises that will enhance the skills needed to develop, research, and write a genre text. It also aims to help you develop an understanding of genre theory. The unit develops your critical understanding of your own and others' approaches to the writing life, and the theories of genre that underpin those approaches.

KWB208 Modern Times (Literature and Culture in the 20th Century)

| | |
|----------------|---|
| Equivalent s | KWB003, KWB321 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External |

- XCH-1, XCH-2

This provides the reading, research and writing skills necessary to an appreciation and analysis of literature from a diversity of cultures in the twentieth century. The twentieth century was a time of significant developments and major transformations in writing and culture. Such transformations have continued into the present century. This unit focuses on a number of twentieth and twenty-first century writers from Europe, England, Africa, Asia, and the Americas, from modern to postmodern times, and explores the connections between texts, language, culture and society. Modern Times invites you to consider the social contexts in which texts are written, produced, interpreted and received, and how they are influenced by and in turn influence their respective cultures. The unit builds on the interpretive frameworks that are studied in the Introduction to Literary Studies unit and encourages you to apply them to the texts.

KWB209 Shakespeare, Then and Now

| | |
|----------------|---|
| Equivalent s | KWB004, KWB729 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit introduces you to Shakespearean studies and the ongoing cultural importance

of Shakespearean material. It provides you with an introduction to Shakespeare's plays and to the burgeoning Shakespeare industry: that is, the myriad appropriations of Shakespearean works that are markers of social, political or cultural change and have become, themselves, the subject of critical inquiry. A knowledge of Shakespeare's plays and the contemporary Shakespearean 'industry' is important to those from a range of disciplines including Education, Media/Communication, Drama/Theatre Studies and Creative Writing. As well, the study of Shakespearean works assists in the development of general literary and critical skills.

KWB211 Creative Writing: Style and Technique

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit allows you to significantly advance your writing practice and associated critical and editorial skills through close analysis of language-level literary style, as opposed to story-level or narrative concerns. In Creative Writing: Style and Technique, you will work on unpacking, theorising and then replicating literary techniques used by a wide range of exemplary authors. This unit gives you a unique opportunity to consider

and manipulate very specific aspects of your authorial voice, drawing on the field of literary stylistics. Intensive studio-based work, self-directed creative practice, guided critical analysis and asynchronous on-line activities characterise the teaching and learning in this unit.

KWB212 Poetry and Poetics

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit provides important creative and critical skills in writing verse and cultivating an understanding and appreciation of poetry. It explores a spectrum of contemporary and traditional forms of poetry, and is designed for those who are interested in poetics and the use of words in precise, innovative, concentrated and musical ways. The unit also provides key creative and critical skills in writing poetry, while offering you the chance to practice in a variety of poetic forms and modes, reflectively writing about your own poetry, and analytically writing about the stylistics of another person's work. The unit occurs at the mid-point of the creative writing major, building on KWB211 Creative Writing: Style and Technique, and preparing you for the advanced work of third year.

KWB213 Corporate Writing and Editing

| | |
|----------------|---|
| Equivalent s | KWB106 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit deals with both the fundamentals of language (grammar, punctuation, style) and mainstream corporate writing genres (manuals, reports, speeches, brochures). Professional communication specialists must have a command of an extensive range of corporate writing genres to create and edit corporate documents. Such specialists must also be able to respond authoritatively to technical and stylistic writing questions when such matters arise in the workplace. This unit aims to assist you develop the ability to write in at least two corporate writing genres, and be proficient in three other genres. You will develop your knowledge about how language works and be able to use that knowledge in practical writing applications. As a result, you will become a more confident writer and communicator in corporate and professional situations.

KWB214 The Artful Life: From Memoir to Fiction

| | |
|----------------|-------------------------------------|
| Equivalent s | KWB313 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove |

| | |
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| es | - SEM-1 External - XCH-1, XCH-2 |
|----|--|

Memoir and fiction are major literary forms that are connected by their use of creative writing techniques and also by the way they draw material from authors' personal experiences. This unit examines the relationship between imaginative literature, especially the novel, and the inspiration we derive from our own lives.

KWB215 Dangerous Ideas: Contemporary Debates in Writing

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit introduces you to the key debates and ideas animating the field of contemporary creative writing, and allows you to consider your own writing practice in the context of these debates. The unit helps you to develop a nuanced understanding of the issues preoccupying contemporary writers, to gain insight into the historical and cultural factors informing those issues, and to articulate your own perspectives via conversation and debate. You will encounter a spectrum of ideas about what it means to be a writer today as well as the historical and cultural factors informing our ideas of authorship.

KWB303 Writing and Publishing Industry

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit introduces the function and structure of the writing and publishing industry. The ability to understand and engage within the local, national and international literary industry is an important component of the professional writer's practice. This unit aids you to become competent writers, able to perform in the literary world as creative industry professionals and to discuss the functions and requirements of the writing and publishing industries.

KWB306 Creative Writing Project 1

| | |
|----------------|---|
| Pre-requisites | Completion of 72 credit points of Creative Writing units (KW% units). |
| Equivalent s | KWB205 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit will be vital in challenging you to commence producing the most sustained and coherent piece of work in your major. In this unit you will choose your strongest genre and write an extended piece with both breadth and complexity. The unit has a particular focus in helping you

to propose and plan an extended piece of creative work through a series of intensive highly participatory workshops as well as peer critique.

KWB308 Wonderlands: Literature and Culture in the 19th Century

| | |
|----------------|---|
| Equivalent s | KWB005, KWB724 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit considers important contemporary cultural and social questions by way of readings in science fiction, fantasy fiction and fiction, class ideologies and revolutionary politics from a selection of novels and poetry of the nineteenth century. The novels and poems examine political and social change in Europe between 1790 and 1900, with a view to making critical links between current ideologies and literary forms and their formulation in a nineteenth century text. As such, works ranging from Frankenstein to Alice in Wonderland are deployed to consider the textual representations of important cultural, social, and sexual issues.

KWB310 Editing and Developing the Manuscript

| | |
|---------------|------------------------|
| Equivalent s | KWB304 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE |

| | |
|----------------|---|
| | and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit offers advanced skills in and a theoretical understanding of the manuscript development and editing processes. 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 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.

KWB326 Creative Writing Project 2

| | |
|----------------|--------------------------------|
| Pre-requisites | KWB306 or KWB205 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit provides a unique learning opportunity to complete a sustained body of creative work in a genre or form of your choice and identify market and publication strategies for your work. Building on the project commenced in KWB306 Creative Writing Project 1, it offers you the opportunity to continue work on an extended piece of creative writing with the assistance of critiques and peer feedback. The unit aids

you to identify markets for creative practice, develop skills and strategies to submit work to publishers for professional consideration, and identify and create pathways for publication.

KXB201 Entertainment Practice: Balancing Creativity and Business

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit focuses on the way in which creativity, innovation and entrepreneurial thinking can complement each other and develops skills to integrate them in productive ways. Successful entertainment industry professionals know how combine and balance creative and business practices to produce effective entertainment. In more practical terms, this unit provides 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, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

Units

This unit provides the skills to oversee the production of an entertainment project by offering an understanding of, and ability to employ, project management proficiency for entertainment. Specific mid-course training in project management is required as entertainment is an area with particular features and idiosyncrasies. This unit will equip you with those field-specific skills (including minute taking, time management, risk assessment, and post-project evaluation) through the management of an entertainment project partially developed by staff.

KXB301 Entertainment Industries Studio

| | |
|----------------|--|
| Pre-requisites | KXB101 and (36 credit points from AMB200, AMB207, BSB126, KPB101, KPB116, KXB102, KXB201, LWS008 and LWS009) |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

Industry networks and experience are of key importance in Entertainment. In this unit you will extend and apply your critical knowledge of entertainment industries to the 'real-world' task of working on a large group entertainment project. The project will result in a public product.

KXB302 Entertainment Project 1: Preproduction

| | |
|----------------|--|
| Pre-requisites | Completion of 168 credit points of study |
|----------------|--|

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

The aim of this unit is to enable you to take responsibility at an advanced level as part of a group for the delivery of a real world entertainment project. The advanced experience and skills gained from this project build upon the skills and 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 | 168 credit points of study |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This practice-based unit enables you to take high responsibility for the delivery of a real world entertainment project. The advanced experience and skills gained from this project are designed to further develop your confidence as an Entertainment Industries professional producer. This unit is the second of two capstone units in the Entertainment Industries degree and is designed to build upon the pre-production knowledges, skills

and orientations gained in the unit KXB302. You participate in a real world entertainment project involving an industry partner. The unit covers the production phase of an entertainment project during which the project is delivered and assessed. You will be entrusted with a high degree of responsibility in order to ensure that the project is completed to a pre-professional standard.

KYB101 Understanding Creative Practice

| | |
|----------------|---------------------------------------|
| Equivalent s | KKD102, KKB185, KKB102, DYB101 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

This foundational unit provides the principles and skills of creative and critical literacies in creative practice. It introduces the descriptive and analytical vocabulary for your creative practice discipline. It also looks at the principles of Indigenous knowledges and to the contribution that Aboriginal and Torres Strait Islander artists have made to creative practice across a range of disciplines. The unit emphasises the productive relationship between traditional academic communication and creative practice with student responses to creative practice exemplars provided in both written and artform-based modes. This provides opportunities to practice academic writing, peer learning, and giving and receiving feedback. The unit prepares you to synthesise

practical and theoretical knowledge about creative practice.

KYB102 Pathways to a Creative Career

| | |
|----------------|---|
| Equivalent s | KKB180, KKB101, KKD101 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit helps you develop a professional identity. It introduces the principles and skills required for professional creative practice, including tacit knowledge, education and career planning, and professional development for creative industries practitioners. As such, it addresses personal branding, communicating about your work in professional contexts, navigating ethical and regulatory questions, self-care in practice, working toward a distinctive skill set and setting career goals. Creative practitioners begin developing a professional network during the course of their studies and a foundational understanding of how to build and maintain that network.

KYB103 The Creative Body

| | |
|----------------|---|
| Equivalent s | KTB107 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

All performance techniques are reliant on an understanding of the body and its capabilities to open the imagination of the individual, the group and an audience. This practice-based unit aims to bring together students from across the performance disciplines (dance, drama, music) to explore the relationship between the body and the creative impulse, and to expand on ways of thinking and doing in a transdisciplinary creative space. It will introduce a variety of philosophies exploring the psycho-social dynamics of the body in your creative practice.

KYB201 Socially Engaged Arts Practice

| | |
|----------------|---|
| Equivalent s | KTB212 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

Knowledge of the ethos, values and processes of working with communities in a responsive and consultative fashion is an important component of a comprehensive career in arts and provides key career opportunities for emerging artists. This unit seeks to engage with principles, practices and forms of socially engaged performance that privilege community and cultural democracy. This unit makes connections between creative practice and a community's concerns and provides the means to design

impactful events and projects.

KYB301 Situated Creative Practice Project

| | |
|----------------|--|
| Pre-requisites | Completion of 168 credit points of study |
| Credit Points | 24 |
| Campus | EXCHANGE and External |
| Availabilities | External - XCH-1, XCH-2 |

This unit provides opportunities to work on a range of projects in transdisciplinary and interdisciplinary groups. The projects offered in each semester are designed to provide authentic creative practice situations in collaboration with cross-disciplinary supervision teams. The working life of the creative practitioner is dynamic and often unpredictable. Successful professional practitioners are required to respond to opportunities at short notice, apply their knowledge and skills in a range of sites and contexts, and work on diverse projects with complex transdisciplinary and interdisciplinary teams, while simultaneously maintaining and managing their own career path. This unit provides strategies for managing your time, resources and interpersonal communication, and maximising the creative, intellectual and professional benefits of project experience. You face diverse perspectives on advanced creative practice and receive rich professional feedback.

KYB302 Situated Creative Practice Industry Project 1

| | |
|----------------|--|
| Pre-requisites | Completion of 168 credit points of study |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

This unit provides opportunities to work on a range of Work-Integrated-Learning projects in transdisciplinary and interdisciplinary groups. They provide authentic creative practice situations in collaboration with QUT research labs and/or industry partners. The working life of the creative practitioner is dynamic and often unpredictable. Successful professional practitioners are required to respond to opportunities at short notice, apply their knowledge and skills in a range of sites and contexts, respond to the needs of industry or community, and work on diverse projects with complex transdisciplinary and interdisciplinary teams, while simultaneously maintaining and managing their own career path. This unit provides strategies for managing your time, resources and interpersonal communication, and maximising the creative, intellectual and professional benefits of project experience. You face diverse perspectives on advanced creative practice and receive rich professional feedback.

KYB303 Situated Creative Practice Industry Project 2

| | |
|----------------|--|
| Pre-requisites | KYB302 (can be enrolled in the same teaching period) |
|----------------|--|

| | |
|----------------|--------------------------------|
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit provides opportunities to work on a range of Work-Integrated-Learning projects in transdisciplinary and interdisciplinary groups. They provide authentic creative practice situations in collaboration with QUT research labs and/or industry partners. The working life of the creative practitioner is dynamic and often unpredictable. Successful professional practitioners are required to respond to opportunities at short notice, apply their knowledge and skills in a range of sites and contexts, respond to the needs of industry or community, and work on diverse projects with complex transdisciplinary and interdisciplinary teams, while simultaneously maintaining and managing their own career path. This unit provides strategies for managing your time, resources and interpersonal communication, and maximising the creative, intellectual and professional benefits of project experience. You face diverse perspectives on advanced creative practice and receive rich professional feedback.

LCN600 Connected Learning

| | |
|----------------|----------------------------|
| Equivalent s | CLN601 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

This unit introduces the principles and practices of connected learning, a contemporary pedagogical approach that connects people, learning technologies and information Ito et al 2013. It promotes connected learning in a variety of formal and informal learning contexts, including: school libraries; public and academic libraries; schools and universities; workplace and community. As members of the unit's connected learning community, you will experience the socially situated, production-centered and interest-driven nature of connected learning. You will explore and learn to use a range of social media and develop an online personal learning network (PLN). You will undertake connected learning design projects. The products are directly applicable to your professional practice as educators.

LCN601 Designing Spaces for Learning

| | |
|----------------|----------------------------|
| Equivalent s | EUQ647 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-2 |

Educators and learners engage in learning in a variety of spaces and learning environments - school libraries and other information centres, classrooms, studios, laboratories, online. Learning space needs vary greatly according to learners' context and attributes, and intended learning approaches and

outcomes. Purposefully designed spaces contribute to the quality and outcomes of learning. Theoretical principles of learning and designing are widely applicable but changing social and educational conditions influence the needs of learners in particular contexts. In this unit you will view familiar educational environments, both physical and virtual, in different and creative ways. You will explore collaborative design principles and approaches, and develop innovative solutions to design problems for your own learning context. While this is a core unit in the Master of Education (Teacher-Librarianship), it welcomes students from a variety of other postgraduate disciplines.

LCN604 Second Language Curriculum Design

| | |
|----------------|--|
| Equivalent s | CLN613 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

Whether working with an official syllabus or curriculum or from an analysis of language needs, EAL/D teachers, community language teachers and those who work with them such as school leaders, curriculum and materials developers, policy makers and program managers in the area of TESOL, need an understanding of current issues in course design and the processes involved in

developing effective language programs for specific groups of learners. This unit introduces the factors that influence teachers in the development of language programs. It includes analysis of the following areas: learner profiles and needs; aims and objectives; processes and criteria for selecting methodology; content selection and sequencing; choice and evaluation of materials and resources and processes involved in developing courses.

LCN606 Second Language Assessment

| | |
|----------------|--|
| Equivalent s | CLN616 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

This unit introduces the theories and practices in second language assessment. It examines and evaluates both classroom based assessment tasks and standardised tests used to assess the proficiency of second language speakers. Language teachers and school leaders need both the understanding of theoretical aspects of language assessment, and the skills necessary for the creation and interpretation of classroom-based language assessment tasks. Through reading and discussion of recent research into language assessment, you will also develop a framework through which to evaluate language assessment tasks used in a teaching context

relevant to you.

LCN612 Sociolinguistics

| | |
|----------------|--|
| Equivalent s | CLN640 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit focuses on language in social settings, including education. Language and its role in social life is the focus of the field of sociolinguistics. This unit introduces sociolinguistic topics that explain how language relates to and shapes social variables such as class, gender and generation. It also examines the factors impacting educational settings such as bilingualism, code-switching, and language planning and policy.

LCN614 Grammar for Second Language Teaching

| | |
|----------------|--|
| Equivalent s | CLN642 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit assists language teachers develop a better understanding of grammar and its place in the teaching and learning of a second language. Participants will develop their own language awareness and explore a range of strategies and techniques for the effective integration of grammar instruction into language

programs.

LCN615 Learning Hubs

| | |
|----------------|----------------------------|
| Equivalent s | CLN646 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

In this unit you will investigate the role of the teacher-librarian and school library. You will undertake a short professional placement at a school library and compare practice at your placement site to current understandings of best-practice teacher-librarianship.

LCN616 Inquiry Learning

| | |
|----------------|----------------------------|
| Equivalent s | EUQ645 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-2 |

Inquiry learning is embedded throughout the curriculum in all levels of schooling and higher education. In this unit you will pose and research your own inquiry question related to inquiry pedagogy. You will analyse an existing inquiry unit of work, or design your own inquiry unit. This unit provides a research based, theoretical and practical context for developing information literacy within an inquiry-based learning pedagogy.

LCN617 Children's Literature: Criticism and Practice

| | |
|---------------|--------|
| Equivalent s | CLN659 |
| Credit Points | 12 |

| | |
|----------------|----------------------------|
| Campus | External |
| Availabilities | External - SEM-1 |

School libraries and classrooms are spaces where multi-literacies and multi-modal textualities are constant and ever-increasing presences in the daily and educational lives of students and staff. This unit provides teachers and teacher-librarians with a range of tools, strategies, and approaches for the critical analysis of children's literature, which in turn will enable them to communicate critically with students and stakeholders in classrooms and libraries.

LCN618 Advanced Educational Counselling

| | |
|----------------|--|
| Pre-requisites | LCN636 or SPN651 |
| Equivalent s | SPN610 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 (Block) |

Classroom teachers and professionals working in educational contexts take an active role in the total development of their students. This involves helping students cope with the stressors and personal conflicts that impinge upon their academic performance. This unit builds on the knowledge and skills gained in its pre-requisite, and provides you with an overview of major theories of counselling and assists in the development of a framework using one of these approaches that may be used as a basis for your own counselling.

LCN619 Educational Guidance and Counselling: Professional Practice

| | |
|----------------|--|
| Pre-requisites | (LCN636 or SPN651) and (LCN620 or SPN612). LCN620 can be studied in the same teaching period as LCN619 |
| Equivalent s | SPN611 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 (Block) |

Educators wishing to perform the professional duties of a Guidance Officer/Educational Counsellor need to have an understanding and knowledge about the tasks undertaken in professional practice: intervention, prevention, affective, and developmental programs; adolescent issues and career counselling; consultation models, theories and practices; self-management skills, time management, program evaluation, accountability and decision-making discussed. In keeping with the educational philosophy of P-12, you will be exposed to the professional duties undertaken by a Guidance Officer/Educational Counsellor working in a preschool, primary and secondary setting. This unit will describe the various duties and tasks undertaken by helping professionals working in the educational context.

LCN620 Psychoeducational Assessment

| | |
|--------------|--------|
| Equivalent s | SPN612 |
| Credit | 12 |

Units

| | |
|----------------|--|
| Points | |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1 (Block) |

In this unit you will gain a broad understanding of the various types of assessment techniques and strategies used in the educational context of school guidance and counselling to develop understandings and capacities. You will develop your skills as an advanced learner from basic competence in professional practice to confident and ethical leadership in learning innovation.

LCN621 Career Development and Professional Practice

| | |
|----------------|----------------------------|
| Equivalent s | SPN618, EUQ642 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

This unit encourages you to engage in lifelong learning and within the context of career development practice, lead innovations in the delivery of career development programs to a wide range of audience throughout the community.

LCN622 Career Counselling

| | |
|----------------|--|
| Pre-requisites | (LCN636 or SPN651 or EUQ640) or (LCN618 or SPN610) |
| Equivalent s | SPN620, EUQ643 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-2 |

In this unit you will consider

and critically evaluate a range of counselling perspectives in order to formulate a position with respect to your own career counselling practice. Career counselling, a key strategy in assisting individuals to understand their career decision-making, refers to an interpersonal process which may be conducted in individual or small group settings. Career counselling adopts methods of personal counselling in exploring career development issues and is increasingly being conceptualised as a learning process, with the career counsellor as a facilitator. You will consider traditional and emerging career counselling processes, to develop advanced skills in communication and counselling, and develop relevant aspects of ethical practice. This unit builds upon the theoretical foundations established in LCN637 and will enable you to connect these theoretical frameworks to your career counselling practice. This unit will be taught via blended learning.

LCN623 Leadership Concepts, Theories and Issues

| | |
|----------------|--|
| Equivalent s | SPN625 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

The overall aim of this unit is to enhance the leadership understanding and capabilities for both current leaders and

those aspiring to such positions in organisations today and in the future. This aim is set in a broader understanding of notions of shared and multiple leadership concepts.

LCN624 Leading and Managing People

| | |
|----------------|--|
| Equivalent s | SPN626 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

This unit focuses on developing your understanding about some of the many important people issues in organisations today. It is argued in this unit that people are the most important resources in organisations and, as such, a study of the effective leadership and management of that resource is important in enhancing organisational effectiveness.

LCN629 Inclusive Education: Theory, Policy and Practice

| | |
|----------------|--|
| Equivalent s | SPN644 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

Schools are a reflection of diversity within global and local education communities. An inclusive approach to education involves a critique of social values and priorities, and the structures and institutions they support. It involves the

politics of recognition and is concerned with the serious issue of who is included and who is excluded within education and society generally.

LCN630 Leadership, Policy and Change in Action

| | |
|-----------------|--|
| Anti-requisites | SPN627, SPN628 |
| Equivalent s | SPN645 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

The unit presents the theories and processes of educational change; organizational cultures and values and their influence on change; policy processes (development, implementation and evaluation); policy trends and change in educational contexts. The content around these topics will add to your understanding of the dynamics between leadership, culture and change, and the challenges for leaders. You will develop skills to make sense of and constructively respond to policies within organisational contexts.

LCN631 Strategic Management

| | |
|-----------------|--|
| Anti-requisites | SPN637 |
| Equivalent s | SPN646 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

There have been increasing demands from statutory bodies and other stakeholders for all organisations, whether schools, educational institutions, voluntary organisations, businesses or government departments, to be effective, efficient and managed in a transparently responsible way. This has come at a time when most organisations face external environments that are increasingly chaotic - instability being driven by such forces as increasing government legislation, legal challenges, changing technology, information growing exponentially, reduced time frames and demands for improved quality. This unit will look at the strategic management of an organisation, general systems theory and the issues of governance and accountability to analyse the processes educational organisations and other organisational settings use to maintain their strategic intent and to harness the continuous and discontinuous innovation required to sustain organisations in challenging times.

LCN632 Understanding Reading and Writing Difficulties

| | |
|-----------------|--|
| Anti-requisites | SPN614 |
| Equivalent s | SPN647 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

While the understanding and application of learning theory is essential to the teaching of all students, there will always be some for whom specialised approaches are required in order to maximise their potential. Estimates indicate that approximately 16% of children in Australia can be described as ineffective readers. Children who experience reading and writing difficulties are at high risk for academic failure during their school years and chronic unemployment and ill-health in adulthood. Accordingly, it is vitally important for teachers to develop their knowledge and skills so that they can meet the needs of diverse literacy learners in a flexible, inclusive manner using evidence-based approaches to instruction (DEST, 2005). Content in this unit relates to the components considered critical to reading and writing success, with recognition of classroom-based assessment practices and recommended instructional practices for readers and writers experiencing difficulties.

LCN633 School Guidance and Counselling Practicum

| | |
|----------------|---|
| Pre-requisites | (LCN636 or SPN651) and (LCN619 or SPN611). LCN619 and LCN636 can be studied in the same teaching period as LCN633 |
| Equivalent s | SPN648 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | External - SEM-1, SEM-2 |

As well as developing a sound knowledge base, studying

school guidance and counselling requires the development of skills to apply this knowledge in the practical setting of schools and community organisations. This professional experience unit will provide you with professional knowledge and skills in the practice of school guidance and counselling and an awareness of ethical code of conduct and guidelines. You will demonstrate a high standard of professional conduct in the school setting or the community organisation and observe and engage with assessment and intervention processes.

LCN634 Supporting Students with Social, Emotional and Behavioural Needs

| | |
|----------------|----------------------------|
| Equivalent s | SPN649 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-2 |

Educators concerns about effectively managing the classroom environment are intensified by the inclusion of students with additional needs. Behaviours associated with low engagement, learning difficulties, attention and activity disorders, autism spectrum disorders, and moderate to severe disabilities present major challenges for educators. Accordingly, sound knowledge of effective classroom management practices and the ability to work collaboratively with support personnel to plan and provide appropriate supports to

address the needs of all students are essential. Theoretical approaches and practical strategies that are particularly effective in teaching and supporting students with social, emotional and behavioural needs in inclusive classrooms will be emphasised. Procedures for evaluating the effectiveness of management practices as well as issues of social justice and equity will also be discussed.

LCN635 Supporting Students with an Autism Spectrum Disorder

| | |
|----------------|----------------------------|
| Equivalent s | SPN650 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

The aims of this unit are to assist you as classroom and specialist teachers, school counsellors and guidance officers to deepen your knowledge in the area of Autism Spectrum Disorders and to develop your skills in identifying and supporting this group of students in an inclusive educational setting.

LCN636 Introductory Educational Counselling

| | |
|----------------|---|
| Equivalent s | SPN651, EUQ640 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1 (Block), SEM-2 (Block) |

This unit will introduce you to core counselling techniques and communication skills that

underpin effective helping strategies used by counsellors in a range of helping professions. The unit will assist you to understand and use particular skills that help to increase your own self-awareness and awareness of the needs of others. The aim of effective counselling is to develop the capacity of clients to problem-solve and to work towards their goals and potential.

LCN638 Theory and Practice of Second Language Teaching and Learning

| | |
|-----------------|--|
| Anti-requisites | CLN608, CLN612 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2 |

Educational institutions are experiencing growing enrolments of students from diverse cultural and linguistic backgrounds. Domestically educators may be working with students learning English as an additional language (EAL) or with Indigenous students using Standard Australian English as an additional dialect (EAD). Overseas, the focus might be on teaching English as a foreign language (EFL). For teachers, school leaders and policy makers, and people interested in Teaching English to Speakers of Other Languages (TESOL), knowledge and skills in promoting learning and support are crucial. This unit provides you with knowledge,

understandings and skills in second language teaching and learning, including curriculum development, task design, classroom teaching, and evaluation. The focus is both on bilingual education contexts and settings where students are using English as an additional language or dialect (EALD). The unit also addresses Languages Other Than English (LOTEs) programs.

LCN639 Youth, Popular Culture, and Texts

| | |
|----------------|----------------------------|
| Equivalent s | CLN647, CRN600 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-2 |

In popular culture, youth find the resources and means for identity formation, social relations, and pleasure, as well as develop a range of knowledge, skills, values and attitudes. To make learning meaningful and relevant to students' lives, you need to understand the ways popular cultural texts (entertainment media, computer-based, and mobile) form the cultural capital of youth. You also need to develop new knowledges and skills of textual analysis that will enable them to critique, select, and use various cultural texts for specific pedagogical purposes and learning contexts. This unit emphasises new contexts and knowledge with particular significance for teacher-librarianship as it provides the opportunity to engage with contemporary

texts that capture the experiences, knowledge, and desires of youth, which impact on their cultural, economic, social, political, and ethical lives. In the context of this unit youth includes young people of school age approximately 5-18 years.

LLB101 Introduction to Law

| | |
|----------------|---|
| Equivalent s | LWB145 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2 |

Introduction to Law provides a necessary foundation for legal studies by introducing you to core legal knowledge and the skills of legal reasoning, problem solving, legal writing and research.

LLB102 Torts

| | |
|----------------|---|
| Pre-requisites | LLB101. LLB101 can be studied in the same teaching period as LLB102 |
| Equivalent s | LWB148 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2 |

In this unit, you will apply the skills you are developing in LLB101 Introduction to Law and be introduced to the skills of legal problem solving and legal interviewing and questioning as you look at how the law of torts operates in a real world context. The knowledge and skills that you

develop in this unit provide a foundation for more advanced units in later years. The study of torts law is required for admission as a legal practitioner in Australia.

LLB103 Dispute Resolution

| | |
|-----------------|---|
| Anti-requisites | LWB150, LWB498 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1, XCH-1, XCH-2 |

Dispute resolution is a term used to represent a number of processes for the resolution of conflict and disputes such as negotiation, mediation, conciliation and arbitration. These processes are used in many areas of Australian society to resolve both legal and non-legal disputes.

LLB104 Contemporary Law and Justice

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

As future members of the legal profession, you will be expected to contextualise legal issues and critique them from various perspectives. In a changing world and in light of emerging technologies, the future of the legal profession will rely on critical thinking and evaluation skills and the ability to develop and present persuasive arguments. In this unit, you will explore critical

Units

theories and apply them to the philosophical, cultural, social, economic and global contexts in which the Australian legal system operates. You will also consider the role of lawyers in a dynamic and changing world.

LLB106 Criminal Law

| | |
|----------------|---|
| Pre-requisites | LLB101 or LWB145 |
| Equivalent s | LWB239, LWB238 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

This is a core unit in your law degree as familiarity with criminal law is essential for understanding the relationship between individuals and the State. It is also required for your admission to legal practice. In this unit, you will further examine the Aboriginal and Torres Strait Islander legal knowledges and perspectives of law that were introduced in LLB104 Contemporary Law and Justice.

LLB107 Statutory Interpretation

| | |
|----------------|---|
| Pre-requisites | LLB101. LLB101 can be studied in the same teaching period as LLB107 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

This unit introduces the foundational concepts of public law, the institutions of government and the rules and principles of statutory

interpretation in Australia. Knowledge and skills relating to statutory interpretation are essential in legal practice. This unit provides a foundation for the development of your skills in statutory interpretation that will be further examined in more advanced units. This unit also develops your skills in legal research, written communication and problem solving that were introduced to you in LLB101 Introduction to Law.

LLB140 Human Rights Law

| | |
|-----------------|---|
| Pre-requisites | LLB101. LLB101 can be studied in the same teaching period as LLB140 |
| Anti-requisites | LWB496 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

In recent decades, the international community has shown an increased awareness of and stronger commitment to the protection of human rights. However, this progress is far from complete and violations of basic human rights are still a pressing issue for the global community. This unit is a first year elective that is designed to develop the concepts and principles of human rights introduced in LLB104 Contemporary Law and Justice. It explores the theory and practice of international human rights law. In particular, it provides an overview of the history and origins of human rights and international rights and

obligations while remaining grounded in the contemporary events and challenges to the protection of human rights. The unit also examines the institutions, instruments and implementation structures of human rights. The unit sets the foundational knowledge of the key issues and mechanisms for regulation and enforcement that are built on in later specialised units.

LLB141 Introduction to International Law

| | |
|-----------------|---|
| Pre-requisites | LLB101. LLB101 can be studied in the same teaching period as LLB141 |
| Anti-requisites | LWB142, LWB144 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

There are many ways in which the law operates in an international context. Issues of global concern such as climate change, terrorism and economic development require cooperation between nations through agreements and treaties. The increased internationalisation of communication, financial interests and business transactions means that individuals and companies are increasingly required to engage with the laws of other countries and that domestic legal systems must operate in an international context. In an increasingly globalised world it is important for you to understand how to identify, evaluate and apply the relevant

Units

law in international disputes and how international laws can impact on the Australian legal system. This unit builds on your knowledge of the Australian legal system introduced in LLB101 and extends it to the impact of other legal systems on the development of Australian law.

LLB142 Regulation of Business

| | |
|----------------|---|
| Pre-requisites | LLB101 or LWB145 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2, XCH-1, XCH-2 |

This elective unit commences the process of educating you in matters of business and commercial law. It is intended to provide an overview of a number of critical areas in the study of business law. Further, this subject will provide you with theoretical and critical analysis skills. As a law graduate, you are increasingly required to have a strong knowledge base and understanding of business and commerce and have an understanding of how business operates within the context of the Australian legal system. This unit is intended to provide foundation skills and knowledge that are essential for an understanding of law and regulation as it applies to business.

LLB202 Contract Law

| | |
|----------------|------------------|
| Pre-requisites | LLB102 or LWB148 |
|----------------|------------------|

| | |
|-----------------|---|
| Anti-requisites | LWB136, LWB137 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2, XCH-1, XCH-2 |

In this unit, you will examine how contract law operates in a contemporary real world context and practise skills of contract negotiation, interpretation and drafting, and legal problem solving. You will further develop the oral communication skills that were introduced in LLB104 Contemporary Law and Justice. The knowledge and skills you develop in this unit also provide a foundation for later year units in the course, for example, LLB204 Commercial and Personal Property Law, LLB301 Real Property Law, LLB304 Commercial Remedies, and commercial law electives. An understanding of contract law is a requirement for admission to legal practice in Australia.

LLB203 Constitutional Law

| | |
|----------------|---|
| Pre-requisites | LLB105 or LLB107 |
| Equivalent s | LWB242 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1, XCH-1, XCH-2 |

Constitutional Law examines the constitutional arrangements effected by the Commonwealth

and State Constitutions, the division of power between the Commonwealth and States, and the relations between the different levels of government. The Commonwealth Constitution is a 'higher' law and therefore ordinary laws passed by the Commonwealth or State Parliaments may depend upon the Constitution for their validity.

LLB204 Commercial and Personal Property Law

| | |
|-----------------|---|
| Pre-requisites | LLB202 or LWB137 |
| Anti-requisites | LWB244 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

The knowledge and skills you develop in this unit provide a foundation for later year units in the course, for example, LLH305 Corporate Law, and electives in the commercial area. The study of the content in this unit is required for admission to legal practice in Australia.

LLB205 Equity and Trusts

| | |
|-----------------|---|
| Pre-requisites | LLB202 or LWB137 |
| Anti-requisites | LWB241, LWB240 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2, SUM (Block) External - SEM-2, SUM, XCH-1, XCH-2 |

This unit builds on LLB202

Contract Law with a focus on developing your critical analysis and legal writing skills. An understanding of equity and trusts is also required for admission to legal practice.

LLB242 Media Law

| | |
|-----------------|---|
| Pre-requisites | LLB102 or LWB147 |
| Anti-requisites | LWB480 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

One of the main tenets of a democratic society is freedom of speech, including freedom of the press. As a consequence of the persuasive nature of the media, the law has imposed a number of checks and balances for the protection of individuals and society. Inevitably these checks and balances come into conflict with freedom of the press. This unit examines the regulation and non-regulation of freedom of speech exercised by the media, including the various limitations imposed by the common law, statute and self-regulation.

LLB243 Family Law

| | |
|-----------------|---|
| Pre-requisites | LLB105 or LLB107 or LWB146. LLB107 can be studied in the same teaching period as LLB243 |
| Anti-requisites | LWB302 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2, SUM-2 (Block) External |

- SEM-2, SUM-2

Legal professionals assisting clients who are entering into relationships or experiencing relationship breakdown are involved in helping them plan their future financial and parenting arrangements. Their role, when assisting clients after separation, is to help their clients find the most appropriate forms of dispute resolution and to minimise conflict experienced by family members, particularly where there are children. Family lawyers are most often engaged in matters involving future arrangements for children and financial issues, such as property settlement, spousal maintenance and child support. They also assist clients in applications to seek protection for family violence. This unit is important if you are considering working anywhere within the family law system or in general practice. It is an elective in the law degree.

LLB244 Criminal Law Sentencing

| | |
|-----------------|---|
| Pre-requisites | LLB106 or LWB239 |
| Anti-requisites | LWB494 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SUM-2 (Block) External - SEM-1, SUM-2 |

A knowledge of the principles of criminal law is fundamental to the practice of law. In order to practise in the criminal jurisdiction, a sound knowledge of the principles and

procedures for sentencing offenders is essential. The sentencing of offenders is based on statutory and common law rules and criminological theories of punishment of offenders, as well as theories informing rehabilitation and responses to recidivism. Although this unit is based on the principles underlying the sentencing process, there is also considerable emphasis on the practical application of these in the sentencing process. This unit, a general elective in the law degree, builds on knowledge and skills gained in the core criminal law unit.

LLB250 Law, Privacy and Data Ethics

| | |
|----------------|---|
| Pre-requisites | |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SUM (Block) External - SEM-1, SUM |

We live in an era where major advances in data-driven technologies are fundamentally changing many aspects of society. These technologies are not only becoming crucial to many businesses, which seek new avenues for creating competitive advantages and value, but also increasingly enmeshed in aspects of our everyday lives. This unit, therefore, explores the legal, ethical and social challenges raised by data-driven technologies in two main parts. The first centres on the information privacy law issues

that arise from large-scale collection and aggregation of person information the second relates to the application of data analytics. Exploration of the challenges raised by different technologies across both parts of this unit are guided by broader considerations of fairness, accountability and transparency (FAT).

LLB251 Law and Design Thinking

| | |
|----------------|--|
| Pre-requisites | LLB104, LLB106 and LLB202. LLB202 can be studied in the same teaching period as LLB251 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

Learning to ‘think like a lawyer’ is an important part of a law degree, but it is not the only way to solve legal problems. Lawyers are increasingly being called upon to think about legal problems in new ways and to be creative and innovative in developing solutions. Law and design thinking will introduce students to a five-step methodology that takes a human-centred approach to problem solving. The focus of the unit is on access to justice, but the same methodology can be used in any legal, business, technology, innovation, or personal context. The highlight of the unit will be a weekend intensive—similar to a hackathon or thinktank. Guided by industry experts, students will work in self-selected collaborative teams to develop

an innovative and human-centred solution to a legal problem. This unit provides students with the knowledge and skills they need to design new solutions to improve access to justice and respond to complex legal problems.

LLB301 Real Property Law

| | |
|-----------------|---|
| Pre-requisites | (LLB204 and LLB205) or LWB241 |
| Anti-requisites | LWB243, LWB244 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SUM (Block) External - SEM-1, SUM |

Real Property Law is a core unit in the law degree. It is required for admission to legal practice in Australia. Real property law is a significant part of legal practice in government departments, in-house positions, general practice and specialised law firms. Being able to learn and apply the foundations of real property will enable your understanding and application in other specialist areas of law, for example, family law, environmental law, corporations law, bankruptcy law and succession law (wills and estates).

LLB303 Evidence

| | |
|----------------|--|
| Pre-requisites | LLB106 or LWB239 |
| Equivalent | LWB432 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External |

- SEM-2

Evidence is a core unit in the law degree. Knowledge of the rules of evidence and of the procedures by which it must be tendered and dealt with in court is necessary for the conduct of litigation as either a barrister or a solicitor and for admission to practice. This unit builds upon your study of criminal procedure in LLB106 Criminal Law.

LLB304 Commercial Remedies

| | |
|----------------|---|
| Pre-requisites | (LLB204 and LLB205) or LWB241 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SUM (Block) External - SEM-1, SUM |

An understanding of the law of remedies, including remedies available under the common law, equity and statute, is central to your ability to support common commercial practice and assist with the effective resolution of commercial disputes. It is also necessary for any legal practitioner.

LLB306 Civil Procedure

| | |
|-----------------|---|
| Pre-requisites | LLB103 and LLB202 |
| Anti-requisites | LWB431 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2, SUM (Block) External - SEM-2, SUM |

An understanding of civil procedure is required for admission to legal practice.

This core unit draws on

Units

knowledge gained throughout the degree including contract law, torts, statutory interpretation and dispute resolution skills. This subject will develop your knowledge and understanding of procedural law in Australia and extend your skills from earlier studies in law units, such as critical analysis and dispute resolution in LLB101, LLB102 and LLB103 and negotiation in LLB202 Contract Law.

LLB340 Banking and Finance Law

| | |
|-----------------|---|
| Pre-requisites | LLB301 or LWB244 |
| Anti-requisites | LWB454 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1 |

Banking and Finance Law covers the principal areas of activity of lenders in commercial and consumer transactions. You will develop an understanding of the Australian financial system, the regulation of lenders and the legal relationships between lenders and their customers.

LLB341 Artificial Intelligence, Robots and the Law

| | |
|----------------|---|
| Pre-requisites | LLH201 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1, XCH-1, XCH-2 |

This unit addresses the most pressing practical legal issues that arise in relation to new technologies, and examines the theoretical principles that are likely to underpin public and private regulatory efforts in the future. To this end, the unit will encourage students to think critically about the ways in which new technology is experienced and regulated.

LLB344 Intellectual Property Law

| | |
|-----------------|--|
| Pre-requisites | LLH201 or LWB146. LLH201 can be studied in the same teaching period as LLB344 |
| Anti-requisites | LWB486 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1, XCH-1, XCH-2 |

Intellectual property law has become fundamentally important to our modern, connected society. This unit will provide you with an introduction to those areas of intellectual property law that commercial legal practitioners are likely to encounter in their everyday practice. You will also examine the current policy debates in the field of intellectual property as the law adapts to the digital age.

LLB345 Regulating the Internet

| | |
|-----------------|--|
| Pre-requisites | LLH201 or LWB146. LLH201 can be studied in the same teaching period as LLB345 |
| Anti-requisites | LWB482 |
| Credit | 12 |

| | |
|----------------|---|
| Points | |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2, XCH-1, XCH-2 |

This unit examines how society regulates the Internet. As the Internet has become more vital to business, government and social life, difficult legal and policy questions have arisen about its governance. This unit will consider the application of existing legal principles to cyberspace, as well as newly developed sui generis principles and governance regimes. Knowledge of these legal issues is of increasing importance in many areas of legal practice, industry and to society more generally. This unit is a core unit for the new Law, Technology and Innovation minor and a general law elective for the undergraduate law degree.. It will be beneficial to you if you are intending to practise in media and communications, intellectual property or technology law, or another area of law that involves significant interaction online. This unit will also be beneficial if you intend to work in the public sector in relation to the regulation of technology and communications networks.

LLB346 Succession Law

| | |
|-----------------|----------------------------|
| Pre-requisites | LWB241 or LLB205 |
| Anti-requisites | LWB309 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point |

Units

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|----|---|
| es | - SEM-1, SUM-2 (Block) External - SEM-1, SUM-2 |
|----|---|

This unit includes the following: examination of the law with respect to wills and probate; a study of the formalities required to execute a valid will; the intestacy provisions where someone dies without having made a will; the rights of a testator's family when they have not been named as a beneficiary in the deceased's will; and a detailed examination of the provisions of the Succession Act 1981 (Qld).

LLB347 Taxation Law

| | |
|-----------------|---|
| Pre-requisites | LLB101 |
| Anti-requisites | AYB325, AYB219, LWB364 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1, XCH-1, XCH-2 |

In this unit you will attain an overview of the Australian taxation system.

LLB349 Japanese Law

| | |
|----------------|---|
| Pre-requisites | LLB202 or LWB137 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SUM (Block), SUM-2 (Block) External - SUM, SUM-2 |

In LLB349 Japanese Law, you will use Japan as a case study to develop the skills of Asia-literate legal reasoning — the ability to discern how culture, politics, economics, institutional

design and other variables impact on the operation of an Asian legal system. In the Asian Century, Asia-literate legal reasoning is critical for lawyers to advise effectively on transnational deals and for policy-makers to fashion strategic international and regional policy solutions. The unit covers a wide range of contemporary issues in Japanese law, including legal system reform, litigation rates, constitutionalism, gender discrimination, criminal justice, judicial activism, law in popular culture, corporate governance, employment, contracts and commercial regulation.

LLB350 The Law and Ethics of War

| | |
|----------------|---|
| Pre-requisites | LLH201 or LWB146 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1 |

The Law and Ethics of War develops knowledge of legal and ethical issues relating to international law regulating recourse to violence (the *jus ad bellum*) and the conduct of hostilities (the *jus in bello* or international humanitarian law). The unit looks at some of the main ethical arguments for and against war and, drawing on past and current real-world case studies, it deals with a range of topical issues such as the use of military force against non-state terrorist groups, the responsibility to protect populations from mass atrocity

crimes, and the means and methods of warfare. The unit builds on knowledge and skills developed in earlier core units and in recommended electives, including LLB141 Introduction to International Law.

LLB444 Real Estate Transactions

| | |
|-----------------|---|
| Pre-requisites | LLB304 or (LWB137 and (LLB205 or LWB241)). LLB304 may be studied in the same teaching period as LLB444 |
| Anti-requisites | LWB312 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1 |

A real estate transaction is one of the most common contracts a lawyer deals with in practice. Real Estate Transactions gives students an understanding of the operation of contract law, real property and equity in the context of a typical land transaction and develops the skills of statutory interpretation, drafting and written communication.

LLB460 Competition Moots A

| | |
|-----------------|--|
| Pre-requisites | LLH201 or LWB146 |
| Anti-requisites | LWB418 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

Mooting is a fundamental element of legal education. As

a good student mooter at QUT, you have the opportunity, because of the number of national and international competitions that the QUT Law School is invited to participate in, to take your skills to the national and international arena and experience mooting at the highest level. Each international and national moot that you participate in requires significant preparation and attention to detail. This unit is one of a number of work integrated learning units designed to provide you with the experience of using and developing your legal knowledge and skills in a real world context. Mooting will provide you with an authentic learning experience with direct application in real world legal environments. Through this experience you should be better placed for a smooth transition to the workplace.

LLB461 Competition Moots B

| | |
|-----------------|---|
| Pre-requisites | LLH201 or LWB146 |
| Anti-requisites | LWB419 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM |

Mooting is a fundamental element of legal education. As a good student mooter at QUT, you have the opportunity, because of the number of national and international competitions that the QUT Law School is invited to participate in, to take your skills to the national and international arena and experience mooting

at the highest level. Each international and national moot that you participate in requires significant preparation and attention to detail. This unit is one of a number of work integrated learning units designed to provide you with the experience of using and developing your legal knowledge and skills in a real world context. Mooting will provide you with an authentic learning experience with direct application in real world legal environments. Through this experience you should be better placed for a smooth transition to the workplace.

LLB463 Legal Clinic (Organised Program)

| | |
|-----------------|---|
| Pre-requisites | LLB104 and (LLB105 or LLB107) |
| Anti-requisites | LWB456 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM |

This unit covers a range of work integrated learning (WIL) opportunities, which will enable you to experience the real world application and development of your legal knowledge and skills. This may include a range of roles in traditional legal environments and non-traditional community contexts such as street law, not-for-profit organisations, community legal centres, and advocacy groups. You will undertake legal tasks under supervision, with this unit affording you an authentic learning context in a challenging real world legal

environment. Through this experience you should develop skills to be better placed for career planning and transition to the workplace.

LLB464 International Legal Placement

| | |
|----------------|--------------------------------------|
| Pre-requisites | LLB104 and (LLB105 or LLB107) |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2, SUM |

This unit is a work integrated learning (WIL) unit and provides you with opportunities to undertake short-term international externships, field placements and study tours overseas. Students can either apply for one of the advertised placement opportunities or can organise their own international placement with a local in-country organisation (subject to approval by the unit co-ordinator). Placement experiences cover a broad range of international work experiences, including community legal education, human rights advocacy, research and global policy, comparative law and business. The distinguishing features of this unit are the focus on experiential learning in another country, and the requirement to complete a minimum of 60 hours work either in-country or through a combination of in-country work and related research at home.

LLH201 Legal Research

| | |
|----------------|------------------|
| Pre-requisites | LLB105 or LLB107 |
| Credit | 12 |

Units

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

In this unit, you will further develop the problem-solving and research skills which were introduced in your first year and apply them to ill-defined problems. You will also have the opportunity to reflect on your career goals and strategically build your skills to enhance your employability. You will then have the opportunity to reflect on and expand your career goals in LLH401 Legal Research Capstone.

LLH206 Administrative Law

| | |
|-----------------|---|
| Pre-requisites | (LLB203 and LLH201) or LWB242 |
| Anti-requisites | LWB335 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2, SUM-2 (Block) External - SEM-2, SUM-2 |

This unit examines the manner in which the executive branch of government is legally accountable, particularly in its dealings with individuals. The unit builds on key principles studied in LLB203 Constitutional Law concerning the structure and operation of our federal system of government, in order to focus on judicial and extra-judicial means of reviewing administrative action. An understanding of administrative law is required for admission into legal practice in Australia.

LLH302 Ethics and the Legal Profession

| | |
|-----------------|--|
| Pre-requisites | LLH201 or LWB146. LLH201 can be studied in the same teaching period as LLH302 |
| Anti-requisites | LWB433 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SUM (Block) External - SEM-1, SUM |

This unit is a core unit in the law degree and is required for admission to legal practice in Australia. It builds on the legal research and critical analysis skills developed in LLB104 Contemporary Law and Justice and LLH201 Legal Research.

LLH305 Corporate Law

| | |
|-----------------|---|
| Pre-requisites | (LLB204 and LLH201) or LWB244 |
| Anti-requisites | LWB334 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2, SUM (Block) External - SEM-2, SUM |

Corporate Law 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.

LLH401 Legal Research Capstone


| | |
|----------------|--------|
| Pre-requisites | LLH302 |
|----------------|--------|

| | |
|----------------|---|
| Credit Points | 24 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2 |

The final year capstone experience will support you in your transition from university to professional work. You will consolidate your legal knowledge and skills by responding to real-world legal problems and developing your professional reflection skills. You will develop an awareness and appreciation of the impact that technology is having, and will continue to have, on the way law is practised. Whether you see your future career in a law firm, community legal centre, law reform commission, government department, research institution, or somewhere else, you will need to understand the technology that is being used in practice and the ethical obligations that accompany their use. You will also broaden your capabilities in planning, developing and completing a complex research project.

LLH470 Commercial Contracts in Practice

| | |
|-----------------|--|
| Pre-requisites | LLH401 or LWB335. LLH401 can be studied in the same teaching period as LLH470 |
| Anti-requisites | LLB441 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

An advanced knowledge of  **a university for the real world**

contract law principles and their interaction with principles of equity and property law within the Australian context is crucial for all lawyers involved in negotiating, reviewing and drafting commercial agreements. The unit draws upon the fundamental principles of contract, equity and property studied earlier in your degree to examine at an advanced level the interaction of these principles in the context of common commercial transactions, including sales, leases and share sale agreements. Relevant regulatory provisions are examined to the extent they impact on the content and interpretation of commercial agreements. The unit provides an opportunity for you to gain an enhanced understanding of the principles of contract, equity and property in the context of common practical issues related to the negotiation, drafting and interpretation of common clauses within these agreements.

LLH471 Health Law and Practice

| | |
|-----------------|---|
| Pre-requisites | LLH401 or LWB335. LLH401 can be studied in the same teaching period as LLH471 |
| Anti-requisites | LWB483 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

In this honours elective unit, you will apply the skills of

communication, legal reasoning, critical and creative thinking, and research project management developed throughout the degree and consolidated in LLH401 Legal Research Capstone. You will also develop advanced knowledge in relation to health care law, building on the knowledge from LLB102 Torts. The relationship between the provider of health services and the patient has, in recent times, become more complex and there is consequently a significantly growing field of related legal scholarship and litigation.

LLH472 Public International Law

| | |
|-----------------|--|
| Pre-requisites | LLH401 or LWB335. LLH401 can be studied in the same study period as LLH472 |
| Anti-requisites | LWB406 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1 |

Public international law is a body of rules that governs the relations between nation states and between nation states and individuals. Public international law influences the development of many areas of domestic law, including trade and commerce, immigration and criminal law. Through the creation and implementation of public international law, nation states are able to cooperate to address global challenges like terrorism, poverty, climate change and armed conflict.

LLH473 Independent Research Project

| | |
|----------------|---|
| Pre-requisites | LLH401. LLH401 can be studied in the same teaching period as LLH473 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM (Block) External - SEM-1, SEM-2, SUM |

This unit provides you with the advanced research and writing skills needed for enrolment in higher degree research programs and for the legal profession. As an advanced Honours elective, this unit builds upon the research and higher order thinking skills developed in other Honours units, including LLH201 Legal Research.

LLH474 Insolvency Law

| | |
|-----------------|---|
| Pre-requisites | LLH401 and (LLH305 or LWB334). LLH401 and LLH305 can be studied in the same teaching period as LLH474 |
| Anti-requisites | LWB307 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

An understanding of the principles of insolvency and restructuring law will assist you to gain a more complete grasp of the legal system, particularly in a commercial context. Knowledge of the law as it applies to both personal and corporate insolvency provides opportunity to develop your

Units

skills in a range of legal areas as well as providing a base for those interested in working in this specialised field.

LLH475 Theories of Law

| | |
|----------------|--|
| Pre-requisites | LLH401 or LWB335. LLH401 can be studied in the same teaching period as LLH475 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1 |

Legal theory, also known as jurisprudence, has exerted an enduring influence on the direction and nature of legal thought in the common law world and through all legal systems. An understanding of the underlying, and often unstated, philosophies that guide the developing law, especially through decisions at the highest level, will assist you to effectively participate in legal practice, research and law reform.

LLH476 Competition Law

| | |
|-----------------|--|
| Pre-requisites | LLH401 or LWB335. LLH401 can be studied in the same teaching period as LLH476 |
| Anti-requisites | LWB410 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 External - SEM-1 |

As an advanced law elective, Competition Law builds upon students' knowledge of the Competition and Consumer Act 2010 (Cth) and critically

examines the rules regulating anti-competitive conduct and access to essential services. The unit develops advanced knowledge, critical thinking skills and research skills within the context of commercial transactions such as mergers, joint ventures, distribution and supply arrangements and intellectual property licences.

LLH477 Innovation and Intellectual Property Law

| | |
|----------------|---|
| Pre-requisites | LLH401 or LWB335. LLH401 may be studied in the same teaching period. |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - SEM-2 |

This unit provides a rich understanding of the most pressing challenges in IP and innovation law right now, and offers opportunities for you to select and deeply explore the legal issues that most align with your interests. You will gain new understandings of the role of IP law in the knowledge economy and in areas as diverse as culture, education, health and business. You will cultivate critical-thinking and decision-making skills that will inform your professional practice and empower you to imagine and realise change. This unit provides you with the skills necessary to be an agile and resilient learner and future-focused legal professional. This unit is offered as an advanced elective in the Law (Honours) degree as part of the intellectual property and innovation law group. It builds

on the formative knowledge provided in the electives LLB344 Intellectual Property Law and LLB345 Regulating the Internet.

LPP111 Lawyers' Skills

| | |
|-----------------|---|
| Anti-requisites | LPZ111 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - 12AP1, 12AP2, SEM-2 External - 12AP1, 12AP1, 12AP2, 12AP2, SEM-2 |

The Australasian Professional Legal Education Council (APLEC) and the Law Admissions Consultative Committee LACC) have published standards for the pre-admission practical training of Australian legal practitioners. Those standards have been adopted in Queensland as part of the admission rules for the legal profession. This unit covers the skills area of 'Lawyer's Skills' as contained in those standards.

LPP112 Work Skills

| | |
|-----------------|--|
| Anti-requisites | LPZ112 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - 12AP1, 12AP2, 6TP1 External - 12AP1, 12AP1, 12AP2, 12AP2, SEM-2 |

The Law Admissions Consultative Committee considers that an entry-level lawyer should be able to demonstrate competence in ethical understanding and knowledge of solicitors' trust

accounting and file and risk management at the level required for admission as a legal practitioner in Australia.

LPP113 Civil Litigation

| | |
|-----------------|---|
| Anti-requisites | LPZ113 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - 12AP1, 12AP2 External - 12AP1, 12AP1, 12AP2, 12AP2 |

This unit builds on your undergraduate knowledge of civil litigation, torts and contract law by providing you with an understanding of the practices and procedures involved in resolving client disputes using civil litigation. It will provide you with the opportunity to apply your knowledge of litigation practice, your legal research and analysis skills, and your fact analysis skills for the purpose of finding solutions to client problems. It will enable you to further develop and apply your letter-writing and legal drafting skills. It provides you with an opportunity to demonstrate some of the knowledge, skills and ethical values that a competent legal practitioner is expected to apply when conducting litigation.

LPP114 Commercial

| | |
|-----------------|---|
| Anti-requisites | LPZ114 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - 12AP1, 12AP2 External - 12AP1, 12AP1, 12AP2, |

12AP2, 12AP2, 6TP1

This unit builds on your undergraduate knowledge of corporate law principles and commercial law by providing you with an understanding of the practices and procedures involved in utilising corporations for client purposes and an understanding of practices and procedures involved in the sale of a business. It will provide you with the opportunity to apply your knowledge of corporate, commercial and revenue law, your legal research and analysis skills, and your fact analysis skills, for the purpose of finding solutions to client problems involving commercial transactions. It will enable you to further develop and apply your letter-writing and legal drafting skills. It further provides you with an opportunity to demonstrate some of knowledge, skills and ethical values that a competent legal practitioner is expected to apply to complex commercial transactions and problems.

LPP115 Property

| | |
|-----------------|---|
| Anti-requisites | LPZ115 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - 12AP1, 12AP2 External - 12AP1, 12AP1, 12AP2, 12AP2 |

This unit builds on your undergraduate knowledge of property law by providing you with an understanding of the practices and procedures involved in property

transactions such as transfers, mortgages and leases. It will provide you with the opportunity to apply your knowledge of property, planning and revenue law, your legal research and analysis skills, and your fact analysis skills, for the purpose of finding solutions to client problems. It will enable you to further develop and apply your letter-writing and legal drafting skills. The unit will further provide you with an opportunity to demonstrate some of knowledge, skills and ethical values that a competent legal practitioner is expected to apply to complex commercial transactions and problems.

LPP116 Electives

| | |
|-----------------|--|
| Anti-requisites | LPZ116 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - 12AP1, 12AP2 External - 12AP1, 12AP1, 12AP2, 12AP2, 12AP2, 6TP1 |

This unit extends your knowledge of the substantive law and the practices and procedures on two areas of practice that you choose from the following list. You must choose two from the list to satisfy professional admission requirements and unit requirements. The unit will provide you with the opportunity to build and apply your substantive law knowledge, your procedural knowledge, your fact analysis skills and your legal research and analysis skills.

Administrative Law

practice%emsp;
 .%emsp;Criminal law practice
 .%emsp;Family law
 practice %emsp;
 .%emsp;Banking and finance
 law practice%emsp;
 .%emsp;Consumer law
 practice .%emsp;Employment
 and industrial law practice
 .%emsp;Planning and
 environment law practice
 .%emsp;Wills and estates
 practice

LPP117 Interaction

| | |
|-----------------|--|
| Anti-requisites | LPZ117 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - 12AP1, 12AP2 External - 12AP1, 12AP1, 12AP2, 12AP2 |

This unit complements your study in LPP113 Civil Litigation and LPP115 Property. It provides you with an opportunity to build further your legal and fact research and analysis skills, your communication skills and your ability to manage complex legal work in a professional manner. It provides you further opportunities to exercise your professional judgement within an ethical framework appropriate for a legal professional and to apply risk management tools in legal professional work.

LPP118 Placement

| | |
|-----------------|----------------------------|
| Anti-requisites | LPZ118 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | External |

| | |
|----|-------------------------------|
| es | - 12AP1, 12AP2, 6TP1, 6TP3 |
|----|-------------------------------|

The Australasian Professional Legal Education Council (APLEC) and the Law Admissions Consultative Committee (LACC) have published standards for the pre-admission practical training of Australian legal practitioners. Those standards have been adopted in Queensland as part of the admission rules for the legal profession. The standards require all persons undertaking practical legal training in an institutional course to complete a placement in a law office.

LQB180 Biomolecules and Life Processes

| | |
|-----------------|--|
| Anti-requisites | CVB102 and CZB190 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

A basic knowledge of the composition and function of biomolecules in the living cells found in the organs and tissues of the human body is important in understanding the relationships between health and disease. This foundational biochemistry unit introduces essential knowledge and skills relevant to understanding the fundamental bioelements, their structural organisation in biological molecules and their functional roles in the central life processes of cells, organs and tissues.

LQB181 Introduction to Medical Laboratory Science

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

Medical laboratory scientists have a vital role in the diagnosis of disease and ongoing management of patient care. It is estimated that up to 70% of all medical treatments are based on a pathology diagnosis. This first year unit introduces you to the clinical practice of diagnostic pathology, the role of medical laboratory scientists in healthcare, medical research and the profession of medical laboratory science in a local, national and international context. Foundation knowledge in the core diagnostic pathology disciplines will be introduced using clinical case studies and scenarios in conjunction with basic practical bench-skills required in the laboratory to prepare you for later units of your course.

LQB182 Cell and Molecular Biology

| | |
|----------------|--|
| Equivalent | LQB186 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Cell and Molecular Biology equips you with a comprehensive understanding of the molecular structure and function of the cell. This unit introduces the basic principles

and concepts of cell structure, function, specialisation, maintenance and replication, and introduces you to fundamental molecular mechanisms important to the organisation of the cell.

LQB183 Human Systematic Anatomy

| | |
|----------------|---------------------------------|
| Equivalent s | LSB131, LSB255 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit concentrates on the acquisition and application of appropriate anatomical terminology, understanding of basic tissue structure and a detailed understanding of the major anatomical concepts of each of the organ systems within the human body. A focus on language development will underpin the learning in this unit, where you will develop the ability to communicate medical cases effectively to a range of audiences.

LQB184 Biomedical Skills 1

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

This introductory unit is designed for first year students studying biomedical science. You will be introduced to academic literacy, practical and quantitative skills which are required for scientists that work in the broad range of biomedical science disciplines. The unit will also develop your

understanding of measurements, data gathering and data analysis, including biostatistical methodologies and practices. This unit is designed to give students a strong foundation for continuing studies in biomedical science and related areas of study.

LQB185 Anatomy and Physiology for Health Professionals

| | |
|----------------|--|
| Equivalent s | LSB182, LSB142, LQD185 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This introductory unit explores the structure (anatomy) and functions (physiology) of the human body, by providing students with opportunities to investigate the major organ systems necessary for life. A focus on medical language development will underpin the learning in this unit, where students will develop the ability to effectively communicate anatomy and physiology concepts in health care environments. This first-year unit provides the foundational knowledge of organ function in health to prepare students for more advanced units-such as LQB285 Pathophysiology for Health Professionals, which covers the processes of diseases relevant to the Australian National Health Priority Areas-and students' development as health professionals.

LQB186 Human Cell & Molecular Biology

| | |
|----------------|---------------------------------|
| Equivalent s | LQB182 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Human cell and molecular biology equips you with a foundational understanding of the molecular structure and function of human cells. This unit introduces the basic concepts of cell structure, function, specialisation, maintenance and replication, and introduces you to fundamental molecular mechanisms important to the organisation and function of human cells.

LQB201 Microbiology and Infection Control for Podiatrists

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

Podiatrists require a strong knowledge base in microbiology on which to base future studies within their discipline and for their professional practice. A detailed knowledge of infectious agents, their structure, prevalence and pathogenicity will enable you to apply these concepts to infection control to prevent the transmission of disease and to understand the mode of action of antimicrobials. You will also study infectious agents that are aetiological agents of disease states of public health significance or of the feet, and

appropriate methods for the management and treatment of these disease states. Basic knowledge of biology and chemistry is assumed for this unit.

LQB280 Genes, Genomes and Genetics

| | |
|----------------|---------------------------------|
| Pre-requisites | LQB182 or LQB186 |
| Equivalent s | LQB385 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Molecular genetics underpins the diagnostics and treatment of many inherited and acquired diseases. Central to the approaches currently being applied to understand complex life processes is the ability to interrogate and interpret the molecular genetic information stored in DNA, RNA or protein (i.e., bioinformatics and genomics). Such information not only underpins our identification and understanding of the particular disease state but also points to potential options for treatment. Higher-level studies in the life sciences, and specifically the health-related sciences, require an understanding of these basic theoretical and practical concepts and approaches to interrogating the genomes of humans and other organisms.

LQB281 Human Health & Disease Concepts

| | |
|----------------|----------------------|
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point |

es - SEM-2

The unit complements the material covered in human cell and molecular biology, anatomy and physiology in the first year of your studies. An important aspect of clinical practice and/or research is a broad knowledge and understanding of human disease states, the role of microbes in health and disease, and how the immune system functions to maintain health and fight disease. As part of your early biomedical sciences training, you need to appreciate general disease processes to help you prepare for your more advanced units in immunology, microbiology, pathology and/or a range of biomedical science disciplines. Whether your aim is to be a clinical or research scientist, appreciation of pathological processes will enable you to better understand how we identify, measure and manage diseases clinically and in a research context.

LQB285 Pathophysiology for Health Professionals

| | |
|----------------|--------------------------------|
| Pre-requisites | LQB185 or LSB182 or LQD185 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit will introduce students to pathophysiology (study of disease processes), and will address the predominant disorders affecting Australians across the lifespan, particularly those identified by the National Health Priority Areas as

contributing significantly to disability and death in Australia. This unit will build on foundational knowledge of the normal structure and function of the human body developed in Anatomy and Physiology for Health Professionals (LQB185). An understanding of diseases gained within this unit will prepare students for subsequent health assessment and nursing practice within the Integrated Nursing Practice units.

LQB286 Biomedical Skills 2

| | |
|----------------|---------------------------------|
| Pre-requisites | LQB184 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Biomedical Skills 2 further develops key academic literacy, practical and quantitative skills which are required for practicing biomedical scientists. The unit provides opportunities to apply these skills through collaborative work, development of teamwork skills, effective interpersonal skills and scientific communication. This unit is designed to expand students' knowledge of important skills and competencies, including studies in quantitative data analysis and biostatistics, foundational biomedical physics, and health bioinnovation that provide a strong foundation for continuing studies in the broad range of biomedical disciplines and related health areas.

LQB292 Principles of Infection and Immunity

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

Infection and immunity is the study of pathogenic organisms and how the human immune mechanisms mediate disease progression. This area of study requires the co-ordinated knowledge of both microbiology and immunology to fully understand microbial detection, disease progression and ultimately treatment and prevention. Both research and industry career options in infection and immunity require a solid understanding of theoretical and practical aspects of infection and immunity.

LQB301 Medical Microbiology and Infection Control

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

This foundation unit builds upon your fundamental knowledge of the human body and explores the role of microorganisms in human health. In this unit, you will (i) explore the diversity of microorganisms associated with the human body; (ii) examine the host-microbe relationship through each organ system of the human body; (iii) study the

mechanisms by which the human body naturally controls infections; and (iv) evaluate the use of antimicrobials and infection control procedures to reduce the impact of infectious diseases on human health. This knowledge and understanding will then be further developed and applied in your subsequent clinical studies in your chosen healthcare profession discipline.

LQB362 Principles and Practice of Infectious Diseases

| | |
|----------------|--|
| Pre-requisites | LQB281 or LQB292 or BVB101 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit provides foundation knowledge and understanding of human infectious disease microbiology and topics including the spectrum of disease, diagnosis, aetiology, treatment, prevention, control and epidemiology. You will also learn about the laboratory processing of patient specimens with infectious diseases and how to work safely and competently in a PC2 diagnostic laboratory context.

LQB381 Biochemistry

| | |
|----------------|---|
| Pre-requisites | LQB180 or CZB190 or CSB432 or (CVB101 and CVB102) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |

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

The study of biochemistry, along with other biomedical science units, provides students with the knowledge required for the proper understanding of the role of biomolecules in the structure and functioning of human cellular processes. This has implications for human health and diseases, and serves well as preparation for scientific or clinical studies.

LQB382 Developmental Anatomy and Tissue Adaptation

| | |
|----------------|--|
| Pre-requisites | LQB183 or LSB255 or LQB185 or LSB131 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

The human body is very responsive to its environment, both in terms of genetic cues during embryological development and hormonal and mechanical signals during post-natal ageing. This unit will explore a number of key embryological processes where tissue patterning results in the formation of the nervous, muscular, skeletal and cardiovascular organ systems. Furthermore the ability of tissues to adapt to their environment will be discussed through development of an understanding of tissue biomechanics and the effects of trauma and ageing on the

Units

human body. Concepts including strength determinants and the effects of loading and disuse will be explored.

LQB385 Molecular Biology and Bioinformatics

| | |
|----------------|--|
| Pre-requisites | LQB182 or LQB186 or BVB101 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Modern human biology is largely focused on unraveling and manipulating the genetic information stored in DNA to understand health and treat disease. Genetic information and associated technologies underpin medical advances that span disease diagnostics, vaccines, drugs, forensics, biomaterials, foodstuffs, environmental rehabilitation and even bioterrorism. This unit provides an introduction to the approaches of interrogating genome sequence data and simple genetic engineering technologies used to manipulate DNA sequences.

LQB387 Principles of Immunology

| | |
|----------------|--|
| Pre-requisites | LQB281 and LSB250 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Immunology is the study of the physiological systems used to

defend the body from invasion by foreign threats, including organisms and environmental challenges, as well as the pathologies associated with inappropriate immune responses. This unit is in the course to provide you with knowledge relating to the immune system and the principles and application of basic immunological procedures in the laboratory. It assumes knowledge from previous semesters and will provide you with critical foundation knowledge for studies in subsequent semesters.

LQB388 Medical Physiology 1

| | |
|----------------|--|
| Pre-requisites | LSB258 or LSB111 or LSB131 or LSB142 or LSB255 or LQB185 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit deals specifically with the physiological systems that are responsible for the maintenance of health in humans. In the course of the semester students will investigate half the systems that constitute the human body (with the remainder dealt with in the second semester unit Medical Physiology 2 [LQB488]).

LQB389 Regional and Sectional Anatomy for Radiation Therapy

| | |
|----------------|--------|
| Pre-requisites | LSB142 |
| Credit Points | 12 |

| | |
|----------------|---------------------------------|
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

A detailed knowledge and understanding of regional and cross-sectional anatomy is a basic requirement for radiation therapists working in clinical and diagnostic settings to excel in their performance in radiotherapeutic procedures. This unit exposes the student to the theoretical and practical concepts of the anatomical regions of the human body. These regions include the head, neck, back, thorax, abdomen, pelvis and perineum, with a focus on the lymphatic system.

LQB390 Regional and Sectional Anatomy for Medical Imaging

| | |
|----------------|---------------------------------|
| Pre-requisites | LSB142 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

A detailed knowledge and understanding of regional and cross-sectional anatomy is a basic requirement for diagnostic and therapeutic radiographers to excel in their performance in imaging procedures. This unit exposes the student to theoretical and practical concepts of the anatomical regions of the human body. These regions include the head, neck, back, thorax, abdomen, pelvis and perineum, and the upper and lower limbs with a focus on the major joints.

LQB411 BioInnovation Skills

| | |
|----------------|---------------------------------|
| Pre-requisites | Completion of 96cp of study |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

In the rapidly evolving landscape of the bioeconomy, fluency in bioscience disciplines coupled with generic and entrepreneurial skills and an understanding of the commercial imperative are highly relevant to modern technology-intensive industries looking to thrive in a competitive global marketplace. In a national landscape that seeks to foster innovation and entrepreneurship, the need for industry-aware bioscience graduates with business acumen and high level generic skills is recognised by industry and government.

LQB450 Foundations of Pharmacology

| | |
|----------------|--------------------------------|
| Pre-requisites | LSB250 or LSB111 or LQB281 |
| Equivalents | |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

An understanding of how medicines work forms the basis of recognising clinical effects and adverse reactions. All members of the community have a responsibility in understanding drug action as consumers and health professionals. The work of health professionals is variable

but may include communicating with consumers about their medicines, monitoring subjects, accurately reading and interpreting medical charts, checking doses, administering medicines, and monitoring for effects such as adverse drug reactions. They need confidence in these areas in order to have discussions with their patients and other health professionals, especially prescribers. This unit provides the principles of pharmacology which will prepare you for your role as a health care professional, medical scientist and/or consumer in administering and monitoring medicine use to improve health outcomes for Australians in accord with quality use of medicines.

LQB462 Microbial Diagnostics

| | |
|----------------|---------------------------------|
| Pre-requisites | LQB362 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Medical microbiologists investigate microorganisms, those found within a human host as normal regional flora and those that cause human infectious diseases. This unit will introduce you to the diversity of microorganisms, the spectrum of infectious disease states, methods for the detection and identification of aetiological agents, and directed and supportive therapies for treating infections. In this unit you will develop expertise in the laboratory

techniques applied in the diagnostic microbiology laboratory, the ability to interpret the significance of diagnostic testing results, and to communicate these results and your recommendations to medical professionals. This unit is positioned in the developmental phase of your course and assumes proficiency in the laboratory skills and theoretical learning from first and second year in LQB181, LQB281 and LQB362. Combined with LQB562 in third year, LQB462 will prepare you for employment in a diagnostic microbiology laboratory.

LQB481 Biochemical Pathways and Metabolism

| | |
|----------------|--|
| Pre-requisites | LQB381 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

The study of biochemistry, along with cell and molecular biology, provides you with the knowledge required for an effective understanding of the structure and function of living organisms at the molecular level. This unit advances the studies begun in LQB381 Biochemistry and further develops your knowledge and understanding of biochemical and molecular studies into metabolic pathways and processes occurring in living cells with a focus on human metabolism in health and disease. This unit provides you

with a knowledge base and skills for advanced studies in biochemistry, as well as support for higher level units in life science and allied health courses.

LQB482 Anatomical Imaging

| | |
|----------------|--|
| Pre-requisites | LQB183 or LSB131 or LSB255 or LSB182 or LQB185 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

In order to recognise human pathology in a clinical setting, an understanding of the anatomical presentation of organs in health is essential. This unit focuses on the acquisition and application of knowledge of the human body systems of the thorax, abdomen, head and select regions of the limbs to a medical imaging context. Imaging modalities in plain and contrast radiography, computed tomography and magnetic resonance imaging will be explored to understand the context of their application in the clinical setting. Furthermore an understanding of typical patterns of anatomical variability will be examined through case studies and exploration of human donor material, where you will further develop effective teamwork and self-management skills, essential attributes of clinicians and biomedical scientists. This unit will build on your knowledge gained in first level anatomy

and provide relevant knowledge and skills for more advanced studies in Anatomical Sciences and Human Physiology.

LQB485 Cell Biology

| | |
|----------------|--|
| Pre-requisites | LQB385 |
| Equivalent s | LQB584 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Understanding the role of cells and how their cellular components are fundamental to a healthy life is crucial for your understanding of how they become dysregulated in disease and how individual components might be targeted to treat diseases. This unit builds on your knowledge of cellular components to examine how these come together structurally and functionally to build cells and tissues that function as part of a whole organism capable of surviving and protecting itself from disease and trauma. It will provide a platform for students undertaking the final year cell and molecular biotechnology units. This unit will provide hands on laboratory experience working with cells and will enhance skills in assessing, summarising and placing biomedical research in the context of health and disease.

LQB488 Medical Physiology 2

| | |
|----------------|--|
| Pre-requisites | LQB388 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

An appreciation of how the human body works is an important 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. In the course of the semester you will investigate half the systems that constitute the human body with the remainder dealt with in the first semester unit Medical Physiology 1 (LQB388).

LQB490 Cytogenetic and Molecular Pathology

| | |
|----------------|---------------------------------|
| Pre-requisites | LQB280 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Skills in cytogenetics and molecular biology are now widely used across all of the pathology disciplines. These two specialties represent one of the fastest growing test

request areas in diagnostic laboratory medicine, with demand increasing nearly 200% over the last five years. Through alignment of theoretical concepts and practical skills, this lab-based unit expands on the themes introduced in your earlier cellular, molecular, genetic and bioinformatic studies to introduce the knowledge and practical skills used routinely in modern pathology genetic testing. You will apply your learning and skills from this unit in your third year clinical units.

LQB494 Pathogen Biology and Pathogenesis

| | |
|----------------|--|
| Pre-requisites | LQB362 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit is designed for students in biomedical sciences, to provide a strong grounding in microbiology and to contribute to the knowledge base of fundamental microbial processes that underpin the pathogenic potential of select species. This unit is a core unit in the infection and immunity strand, building on concepts introduced in Principles and Practice of Infectious Diseases (LQB362). Pathogen Biology and Pathogenesis (LQB494) continues the study of the host-microbe interaction with a focus on microbe-specific factors underpinning infectious disease progression, which is essential for future studies of

more complicated or detailed molecular microbiology analyses. You will develop industry-relevant practical skills and use cutting-edge technology in laboratory classes, which will prepare you for a career in biomedical research, medical biotechnology and postgraduate studies in biomedical science.

LQB502 Biomedical Work Integrated Learning A

| | |
|-------------------|---|
| Anti-requisites | LQB504-3 |
| Other requisites | Completion of 144 credit points in LS40 and approval of LS40 course coordinator |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM |

This unit provides you with the opportunity to gain industry-based experience through a supervised work placement. Within the workplace (a minimum of 120 hours [equivalent to 3 weeks full-time] and maximum of 240 hours [equivalent to 6 weeks full-time]) you will apply knowledge and skills developed during your course of study. Practising workplace related skills such as team work, ethical behaviour, safe workplace practices and reflective practice as well as building on your industry networks will support you in your transition to professional practice. Your placement should be relevant to your course of study and must be approved by the course co-ordinator and the

unit co-ordinator before you commence. Acceptance into this unit will be based on successful completion of prerequisites, the completion of a number of workplace requirements, and the availability of placement supervisors. The learning in this unit can be extended into a second unit LQB503.

LQB503 Biomedical Work Integrated Learning B

| | |
|-------------------|---|
| Pre-requisites | LQB502 |
| Anti-requisites | LQB504-3 |
| Other requisites | Completion of 144 credit points in LS40 and approval of LS40 course coordinator |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM |

This unit extends your learning from LQB502 and provides you with the opportunity to extend industry-based experience through a supervised work placement. Within the workplace (a minimum of 120 hours [equivalent to 3 weeks full-time] and maximum of 240 hours [equivalent to 6 weeks full-time]) you will apply knowledge and skills developed during your course of study. Practising workplace related skills such as team work, ethical behaviour, safe workplace practices and reflective practice as well as building on your industry networks will support you in your transition to professional practice. Your placement should be relevant to your

course of study and must be approved by the course co-ordinator and the unit co-ordinator before you commence. Acceptance into this unit will be based on successful completion of prerequisites, the completion of a number of workplace requirements, and the availability of placement supervisors.

LQB504 Clinical Physiology Professional Internship

| | |
|----------------|---|
| Pre-requisites | LQB504-1. LQB504-1 can be studied in the same teaching period as LQB504-2 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SUM |

Clinical physiologists perform diagnostic tests and work directly with patients in multidisciplinary teams. Disciplines include cardiac science, neuroscience, respiratory science, sleep science and there are also opportunities for multidisciplinary practice. This multi-component 36 credit point work-integrated learning unit is the core element of the clinical physiology minor and consists of a full-time, intensive unpaid practical placement working in the profession. In addition to developing clinical skills, you will work in the health care sector to develop and apply communication skills, demonstrate professional and ethical practice, infection control, ensure patient confidentiality and privacy and gain an understanding of

cultural issues. This unit is designed for students who are aiming for careers in clinical physiology and completion of this unit provides students with the skills and experience required to apply for graduate positions in clinical physiology.

LQB504 Clinical Physiology Professional Internship

| | |
|-----------------|---|
| Pre-requisites | LQB504-2. LQB504-2 can be studied in the same teaching period as LQB504-3 |
| Anti-requisites | LQB502, LQB503 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SUM |

Clinical physiologists perform diagnostic tests and work directly with patients in multidisciplinary teams. Disciplines include cardiac science, neuroscience, respiratory science, sleep science and there are also opportunities for multidisciplinary practice. This multi-component 36 credit point work-integrated learning unit is the core element of the clinical physiology minor and consists of a full-time, intensive unpaid practical placement working in the profession. In addition to developing clinical skills, you will work in the health care sector to develop and apply communication skills, demonstrate professional and ethical practice, infection control, ensure patient confidentiality and privacy and gain an understanding of cultural issues. This unit is designed for students who are aiming for careers in clinical

physiology and completion of this unit provides students with the skills and experience required to apply for graduate positions in clinical physiology.

LQB504 Clinical Physiology Professional Internship

| | |
|----------------|-------------------------------|
| Pre-requisites | LQB388 and LQB488 |
| Equivalent s | LQB501 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SUM |

Clinical physiologists perform diagnostic tests and work directly with patients in multidisciplinary teams. Disciplines include cardiac science, neuroscience, respiratory science, sleep science and there are also opportunities for multidisciplinary practice. This multi-component 36 credit point work-integrated learning unit is the core element of the clinical physiology minor and consists of a full-time, intensive unpaid practical placement working in the profession. In addition to developing clinical skills, you will work in the health care sector to develop and apply communication skills, demonstrate professional and ethical practice, infection control, ensure patient confidentiality and privacy and gain an understanding of cultural issues. This unit is designed for students who are aiming for careers in clinical physiology and completion of this unit provides students with the skills and experience required to apply for graduate

positions in clinical physiology.

LQB508 Clinical Physiology and Pathophysiology

| | |
|----------------|--|
| Pre-requisites | LQB388 and LQB488 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Clinical physiology is a rapidly growing area of employment of biomedical scientists, particularly as the Australian population ages, putting increasing pressure on the healthcare system. This advanced unit focuses on understanding the pathophysiology of major clinical disorders through the critical analysis of clinical case studies and the critique and review of relevant research literature. The unit also involves the development of practical skills through the use of clinical physiology instrumentation and interpretation of physiological data. A key aim of LQB508 is to advance your scientific communication skills through both written and oral forms. Thus, LQB508 is specifically designed to prepare you for your future professional careers or further studies in biomedical research.

LQB512 BioInnovation and Entrepreneurship Project

| | |
|----------------|---------------|
| Pre-requisites | LQB411 |
| Credit Points | 24 |
| Campus | Gardens Point |

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

Opportunities and new industries in the global bioeconomy are emerging through the convergence of science, technology, engineering and mathematics (STEM) disciplines. In the rapidly evolving landscape of the bioeconomy, fluency in bioscience disciplines coupled with generic and entrepreneurial skills and an understanding of the commercial imperative are highly relevant to modern technology-intensive industries looking to thrive in a competitive global marketplace. In a national landscape that seeks to foster innovation and entrepreneurship, the need for bioscience graduates with business acumen and high level generic skills is recognised by industry, government and academe.

LQB562 Advanced Microbial Diagnostics

| | |
|----------------|---------------------------------|
| Pre-requisites | LQB462 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit continues your training in medical microbiology at an advanced level, but retains a global medical laboratory science learning context. This unit aims to further stimulate your scientific enquiry as well as continuing to develop and refine your critical thinking-complex reasoning, data interpretation, scientific

communication and information retrieval skills that were first practiced in your earlier units.

LQB570 Forensic Anatomy

| | |
|----------------|--|
| Pre-requisites | LQB382 and LQB482 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This advanced unit explores the field of forensic anthropology and taphonomy, from understanding the process of tissue decomposition, to recovery and identification of unidentified human remains. You will apply traditional and contemporary methodologies to interpret skeletal material to construct a biological profile and probabilistic data suitable in the Queensland Judicial system. Through critical analysis you will gain a deep understanding of patterns of variability in the human body.

LQB571 Neuroscience

| | |
|----------------|--|
| Pre-requisites | (LQB388 and LQB488) or (LQB382 and LQB482) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

The human nervous system is the most complex and adaptive achievement of the process of evolution. This unit studies the structure and function of the nervous system to understand

complex brain behaviours. It expands and combines knowledge of the physiology of the nervous system obtained in Medical Physiology 1 (LQB388) and regional and imaging anatomy of the nervous system gained in Anatomical Imaging (LQB482). This unit advances your understanding in the field of neurobiology and through an introduction to current research topics and methodologies, allows you to explore current research questions, laboratory methodologies and technical skills, and career directions in neuroscience.

LQB581 Biomolecular Control Systems

| | |
|----------------|--|
| Pre-requisites | LQB381 and LQB481 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit will study advanced biomolecular concepts with a focus on metabolism, signalling pathways, systems and networks that coordinate and regulate the functional behaviour of cells and tissues.

LQB582 Biomedical Research Technologies

| | |
|----------------|---------------------------------|
| Pre-requisites | LQB381 and LQB481 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit will study the technical principles and

practical techniques that are essential for advancing research and development in biochemistry and biotechnology.

LQB583 Molecular Systems Biology

| | |
|----------------|--|
| Pre-requisites | (LQB385 and LQB485) or (LQB362 and LQB494) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Molecular systems biology deals with the integration of information from individual biological datasets (e.g. transcriptomics, metabolomics, proteomics and other 'omics'). This is key to understanding how related molecules interact and produce a state of interest, across many biological disciplines including human health, as well as animal and plant biology. In this unit we review examples of contemporary approaches to 'omics' data generation and analysis, and the role they play in biomedical sciences.

LQB594 Pathogen Diagnosis and Therapeutics

| | |
|----------------|--|
| Pre-requisites | LQB362 and LQB494 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This advanced level unit follows on from the LQB494

Pathogen Biology and Pathogenesis, and builds upon your fundamental knowledge and understanding of the structural, molecular and metabolic components of microorganisms and how they are regulated. Specifically, this unit will increase your understanding of: (i) host-pathogen interactions, (ii) how the immune system responds to microbial pathogens, and (iii) molecular detection, characterisation of pathogens as well as their resistance mechanisms to antibiotics.

LQB595 Cellular Engineering

| | |
|----------------|--|
| Pre-requisites | LQB385 and LQB485 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

The ability to manipulate cell behaviour and engineer novel tissue scaffolds and matrix-based culture systems has provided significant advances in the field of tissue therapeutics and regenerative medicine. This unit explores the theoretical underpinnings of stem cells and cell niches; and provides current research examples of how cellular engineering is able to generate in vitro and in vivo biological models to facilitate biomedical research as well as providing applications for human therapies.

LQB600 Physiological Basis of Pharmacology

| | |
|----------------|--|
| Pre-requisites | LQB388 and LQB488 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

An appreciation of pharmacology and how drugs interact with physiological systems is important for biomedical scientists. This unit will extend your understanding of systems physiology/pathophysiology gained in Medical Physiology 1 (LQB388), Medical Physiology 2 (LQB488) and Understanding Disease Concepts (LSB111) and help you understand the principles behind the use of medicines as well as the rationale for the development of new drugs. There will be an emphasis on learning about the major mechanisms of drug action. This unit will focus on common diseases and a number of body systems, including the peripheral and central nervous systems, cardiovascular system, respiratory system and endocrine system. This unit will prepare you for working in the field of clinical physiology, or for further studies in allied health, or medicine, and provide an understanding of the physiological basis of pharmacology for students interested in undertaking research in this exciting field.

LQB601 Cancer Biology

| | |
|----------------|--|
| Pre-requisites | LQB385 and LQB485 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Cancer is a leading cause of death worldwide and research into its treatment and prevention has significantly improved cancer mortality rates. This unit will build upon knowledge and skills acquired from Cell and Molecular Biology (LQB182); Human Health and Disease Concepts (LQB281), Cell Biology (LQB485), and other Biomedical Science units to specifically inform the study of cancer biology and the implementation of technologies employed to investigate this complex group of diseases. This unit has a substantial practical focus and will prepare students for further study in medical or biomedical fields, or for biomedical research. Cancer is a major research priority at QUT and this unit will provide a strong foundation for undertaking Higher Degree Research in this field. The unit will also deliver a hands-on experience in cancer research laboratory techniques that will ably equip cell and molecular biology students intending to enter the workforce following graduation.

LQB608 Extreme Physiology

| | |
|----------------|-------------------|
| Pre-requisites | LQB388 and LQB488 |
| Credit | 12 |

| | |
|----------------|---------------------------------|
| Points | |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit is designed for students undertaking the human physiology major in the Bachelor of Biomedical Science. You will integrate and apply knowledge obtained from Medical Physiology 1 (LQB388) and Medical Physiology 2 (LQB488) to study a number of advanced topics in physiology. In addition you will develop your ability to discuss, interpret and critically analyse important scientific issues. By successfully completing this unit you will be able to demonstrate a range of important skills including critical thinking, team work, planning, scientific writing, time-management, problem-solving and organisation skills. This unit has a very strong practical focus and you will investigate physiological problems independently and as a member of a team. This background will provide you with an advantage for future studies in a research honours program (such as the Bachelor of Biomedical Science - Honours), for further research work in biomedical fields, or for clinical physiology positions.

LQB670 Anatomical Dissection

| | |
|----------------|---------------------------------|
| Pre-requisites | LQB382 and LQB482 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

The ability to navigate the human body and its composite

tissues is strengthened through the dissection of human donor bodies. This unit focuses on developing anatomical dissection skills at the Medical Engineering Research Facility at Prince Charles Hospital campus on whole human donor bodies. In teams, through the synthesis of an anatomical prosection for teaching purposes your skills in communication, self-management, judgement and interpersonal relationships will be tested. The semester will conclude with an Anatomical Showcase, where peers and academics are invited to view your designs and critically evaluate your technical and communicative skills. This advanced unit forms the capstone for Study Area A Anatomical Sciences in the Bachelor of Biomedical Sciences and provides ideal skills for those considering research careers utilising animal models and graduate destinations in Medicine and Allied Health.

LQB671 Histological Research Techniques

| | |
|----------------|--|
| Pre-requisites | LQB382 and LQB482 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Biomedical research utilising animal and tissue models requires histological analysis as a key methodological process. The practical application and theoretical

underpinnings of tissue histology is therefore an essential skill for all biomedical scientists. The purpose of this unit is to provide you with the knowledge and understanding of the application of histological techniques routinely used in research laboratories. This unit also provides an opportunity to develop practical skills in a range of histological techniques including tissue embedding, sectioning, common histochemical stains and immunohistochemistry. The unit is positioned in the advanced phase of the course and builds upon the introductory tissue concepts covered in Human Systematic Anatomy (LQB183) and concepts of tissue adaptation in Developmental Anatomy & Tissue Adaptation (LQB382).

LQB681 Biomolecular Research Skills

| | |
|----------------|---------------------------------|
| Pre-requisites | LQB381 and LQB481 |
| Equivalent s | LSB607 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

While technical expertise is important for a successful career in biomedical science, high level interpersonal skills, such as effective communication, critical thinking, problem-solving and working effectively in a team are also valued highly by potential employers and research project leaders. This unit offers opportunities for you to independently design and

work on a research project throughout the semester, which will assist you in developing both biomolecular research and interpersonal skills. This unit is a capstone biochemistry unit designed to prepare you as a prospective graduate for independent and team-based research.

LQB682 Biomolecular Design

| | |
|----------------|---------------------------------|
| Pre-requisites | LQB381 and LQB481 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit is designed to give you the essential concepts and techniques driving research and industrial biotechnology so that you will be equipped for multiple careers in the biological sciences. The skills you develop will allow you to enter a practical laboratory environment or to apply your knowledge in related areas of evaluations of technologies and intellectual property.

LQB683 Diagnostic Cytopathology

| | |
|----------------|---------------------------------|
| Pre-requisites | LSB566 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

The goal of cytopathology is to predict the underlying histology of lesions using small samples obtained by minimally invasive methods. The results are used to direct patient management and often involve the integration of diagnostic tests

you have developed and applied in earlier units, such as histology, immunohistochemistry and molecular pathology. This unit builds on the knowledge and practical skills you have gained in LSB466 and LSB566 to expand your practical/technical and diagnostic skills. This unit prepares you for employment in a diagnostic cytopathology laboratory and introduces the types of specimens reported, methods of processing applied and the cytological features used to diagnose tumours and benign conditions.

LQB684 Advances in Medical Biotechnology

| | |
|----------------|--|
| Pre-requisites | LQB385 and LQB485 |
| Equivalent s | LSB609 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

The development of diagnostics and therapeutics for safe and effective clinical use is a complicated process filled with commercial, regulatory and ethical compliances. This advanced level unit will enable you to understand this process as it relates to emerging treatments of health problems especially within the South-East Asia region. In this unit you will further develop your scientific research and analytical skills to design innovative solutions for improving modern biotechnology. This unit has a

substantial practical focus and will prepare you for subsequent involvement in medical research and/or the biotechnology industry.

LQB693 Immunological Approaches for Infection and Immunity

| | |
|----------------|--|
| Pre-requisites | LQB594 or LQB387 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Our immune system has evolved to discriminate between self and non-self in order to protect us against disease and to avoid autoimmunity. Understanding how our immune system works will allow an appreciation of the analyses, and their performance, required to monitor its function in health and disease. As one of the final units in the infection and immunity learning progression, this unit will collate the fundamental and advanced knowledge of immunology covered in the Biomedical Sciences' Infection and Immunity study area, or Principles of Immunology (LQB387), and illustrate the application of this knowledge and understanding by immunologists to recent real-world research focus areas. This approach will assist with your transition from university study into research career paths that employ immunological techniques to explore infectious disease.

LQB694 Infectious Disease Outbreaks

| | |
|----------------|---------------------------------|
| Pre-requisites | LQB362 and (LQB494 or LQB462) |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Infectious diseases continue to be a major public health concern in developed and developing countries. The emergence of drug-resistant bacteria and viruses that cause disease outbreaks and epidemics are a significant global health burden. Microbiologists play an essential role in the detection and management of infectious diseases; research into the pathogenesis and epidemiology of the microbial pathogens; and the development of new diagnostic, preventative and therapeutic technologies to prepare for disease outbreaks. You will apply your knowledge and understanding of infectious diseases to recent real-world disease outbreak cases. This unit will also expose you to researchers and infectious disease experts from universities, hospitals, and government organisations that deal with infectious diseases on a daily basis and will provide you with insights into career opportunities within this field.

LQB783 Work Integrated Learning Internship 1

| | |
|----------------|-----------------------------|
| Pre-requisites | Completion of 288cp in LS47 |
| Co- | LQB784 and LQB785 |

Units

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

This is the first of two work integrated learning internship units (LQB783 and LQB784) positioned in the final year of LS47. Over four (4) weeks you will have the opportunity to apply and demonstrate your learning and skills in the workplace. The internship units combined with your clinical units in second and third year, and your remaining units in your final Semester, will prepare you for work in a diagnostic pathology laboratory, and must be completed for you to meet the professional course accreditation workplace integrated learning requirements to graduate from this course. It will also place you in direct contact with prospective employers and allow you to interact, network and learn from experienced medical laboratory scientists.

LQB784 Work Integrated Learning Internship 2

| | |
|----------------|--|
| Pre-requisites | LQB783 and Completion of 288cp in LS47. LQB783 can be enrolled in the same teaching period as LQB784 |
| Co-requisites | LQB785 |
| Credit Points | 24 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This is the second of two work integrated learning internship units (LQB783 and LQB784) positioned in the final year of

LS47. Over eight (8) weeks you will have the opportunity to apply and demonstrate your learning and skills in the workplace. The internship units combined with your clinical units in second and third year, and your remaining units in your final semester, will prepare you for work in a diagnostic pathology laboratory, and must be completed for you to meet the professional course accreditation workplace integrated learning requirements to graduate from this course. It will also place you in direct contact with prospective employers and allow you to interact, network and learn from experienced medical laboratory scientists.

LQB785 Transition to Professional Practice in Medical Laboratory Science

| | |
|----------------|--|
| Pre-requisites | LQB783 and Completion of 288cp in LS47. LQB783 can be enrolled in the same teaching period as LQB784 |
| Co-requisites | LQB784 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit recognises that you are about to transition from university to clinical pathology practice and that you will need to sustain your professional and educational development. Accordingly, this unit provides a dual platform for transition to practice and independent professional development.

LQB882 Projects in Clinical Pathology

| | |
|----------------|---------------------------------|
| Pre-requisites | LQB784 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

A modular unit to recap and combine the interdisciplinary fields of clinical medical science. Occurring in the experienced phase of the course, this unit requires knowledge from previous units, to embed and instil contemporary developments in medical science and influences in the provision of pathology testing.

LQB883 Intercultural Health in Clinical Practice

| | |
|----------------|---------------------------------|
| Pre-requisites | LQB784 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Medical laboratory scientists, like all health professionals, are increasingly required to work in diverse environments and communities. This unit introduces to the principles of cultural safety such as self-awareness and biculturalism, transcultural interaction and communication, which form the basis of all human, patient and health professional exchange. The prevalent pathologies, health outcomes and testing environments encountered in remote and low resource environments differ in many respects from the urban-based approaches and laboratory

contexts covered in the course to date. This unit will broaden your knowledge of the application of pathology testing in these settings, including practical experience in the implementation of point of care testing.

LQD185 Anatomy and Physiology for Health Professionals

| | |
|----------------|--|
| Equivalent s | LQB185 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

This introductory unit explores the structure (anatomy) and functions (physiology) of the human body, by providing students with opportunities to investigate the major organ systems necessary for life. A focus on medical language development will underpin the learning in this unit, where students will develop the ability to effectively communicate anatomy and physiology concepts in health care environments

LQN100 Human Genetics

| | |
|----------------|--------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SEM-1 |

This unit will introduce you to the broad concepts and principles underlying human genetics. You will cover the following topics in your studies: pedigrees, modes of inheritance, inheritance probabilities, the structure of DNA, X-inactivation, single

nucleotide polymorphisms, DNA mutations and DNA repair.

LQN101 Disease Pathogenesis

| | |
|----------------|--------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SEM-1 |

This unit will introduce you to the genetic processes involved in disease pathogenesis including molecular and cytogenetic pathogenic events leading to disease. Molecular pathogenesis will focus on mutation functional classes and genotype/phenotype relationships, including modifying factors. Cytogenetic pathogenic events will focus on aneuploidy and structural rearrangements. The unit will also provide examples of specific types of disorders including inborn errors of metabolism, triplet repeat disorders and cell function disorders, such as disorders affecting signalling, protein trafficking, cell cycle and ion channel diseases.

LQN102 Diagnostic Genetics

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

Genomic scientists need to understand the methodologies used to assess genetic disorders, depending on their mode of inheritance. Scientists also need to be knowledgeable about how to interpret these results in order to communicate them to colleagues and

referring physicians. Clinicians requesting and/or interpreting genetic test results for their patients will need to be familiar with these concepts as well.

LQN103 Genetic Technologies

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

Genomic scientists need to understand high throughput technologies which could be applied for clinical or research purposes. Scientists also need to be knowledgeable about how to interpret these results in order to communicate them to colleagues and referring physicians. Clinicians requesting and/or interpreting genetic test results for their patients will also need to be familiar with these concepts.

LQN200 Advanced Cell and Molecular Biology

| | |
|----------------|--------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SEM-2 |

Genomic scientists need to understand the fundamentals of cell and molecular biology in order to fully appreciate the principles of methodologies and how to apply them. Scientists also need to know how to interpret molecular test results in order to communicate them to colleagues and referring physicians. Clinicians requesting and/or interpreting genetic test results for their patients will also need to be familiar with these concepts.

LQN201 Lab Management, Compliance and Quality Control

| | |
|----------------|--------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SEM-2 |

Genomic scientists, whether based in a clinical or research laboratory, need to understand all aspects of laboratory management from compliance, accreditation and regulation through to safety and quality control.

LQN202 Genomics Analysis

| | |
|----------------|--------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SEM-2 |

Genomic scientists need to understand the application of array technology and massively parallel sequencing. In addition, they need to understand the tools available to assist with variant interpretation and classification. Clinicians requesting and receiving genetic test results also benefit from understanding variant classification as they advise and manage their patients.

LQN203 Ethical, Legal and Social Issues in Genetics and Genomics

| | |
|----------------|--------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SEM-2 |

The responsible practice of medical testing and scientific research is governed by ethical

principles. Clinical and research scientists need to be aware of how these ethical principles can affect the type of test/study which can be performed and the possible psychological, legal and social sequelae for patients and participants. In addition, scientists need to carefully consider the implications of genetic testing and research in diverse communities.

LQN204 Molecular Genomics

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

Clinical and research scientists working in molecular genomics laboratories need to be knowledgeable of medical conditions which most commonly are referred to clinical laboratories, the genetic testing indicated and the interpretation of results.

LQN205 Biochemical Genomics

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

Clinical and research scientists working in biochemical genomics laboratories need to be aware of the conditions which most commonly are referred to clinical laboratories, the genetic testing indicated and interpreting results.

LQN206 Cytogenomics

| | |
|---------------|--------------------------|
| Credit Points | 12 |
| Campus | Online and Gardens Point |

| | |
|----------------|---------------------------------|
| Availabilities | Online - SEM-1, SEM-2 |
|----------------|---------------------------------|

Clinical and research scientists working in cytogenomic laboratories need to be knowledgeable of medical conditions which most commonly are referred to clinical laboratories, the genetic testing indicated and the interpretation of results.

LQN300 Laboratory Placement and Dissertation

| | |
|----------------|---|
| Pre-requisites | LQN100 and LQN101 and LQN102 and LQN103 and LQN203 and (24 credit points from LQN200, LQN201, LQN202) |
| Credit Points | 36 |
| Campus | Online and Gardens Point |
| Availabilities | Online - SEM-1, SEM-2 |

The dissertation component of the Master of Diagnostic Genomics program allows you to apply and build on the knowledge and skills acquired during your degree under the supervision and guidance of an experienced professional, in a research or clinical project in the field of genomics. The research dissertation fosters critical evaluation and interpretation skills and increases confidence in the design, execution and analysis of research. This research is reported in a written dissertation formatted to current APA guidelines.

LQN301 Cancer Genomics

| | |
|----------------|--------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SEM-1 |

This unit will introduce you to basic molecular pathology of cancer and methods used for the diagnosis, classification, monitoring, screening and guiding of targeted treatment strategies in malignancy. The following topics will be covered: genetic mechanisms of cancer; molecular classification of malignancy; the role of genomic technologies in the diagnosis, prognosis, and surveillance of cancer evolution (e.g. clonal evolution, mechanisms of metastases); monitoring of disease progression (e.g.: the use of genetic tests to monitor for minimal residual disease and or progression); molecular-guided treatments; genetic basis for known risk factors (e.g. viral, environmental); genetic basis of familial cancer predisposition risk; and emerging methods in genetic cancer pathology of (diagnosis, treatment, monitoring, and screening).

LQN302 Genetic Epidemiology

| | |
|----------------|-------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SEM-1 |

This unit will introduce you to basic principles of genetic epidemiology. You will cover heritability, genomic variation, segregation analysis, linkage analysis and association studies.

LQN303 Computational Biology

| | |
|---------------|--------|
| Credit Points | 12 |
| Campus | Online |

| | |
|----------------|-------------------|
| Availabilities | Online - SEM-1 |
|----------------|-------------------|

This unit will introduce you to relevant concepts and current methods involved in computational genomics as applied to diagnostics including statistical genetics, linkage analysis, array technology and next generation sequencing (NGS) analysis for diagnostics and biological annotation.

LQN304 Laboratory Placement and Dissertation

| | |
|----------------|---|
| Pre-requisites | LQN100 and LQN101 and LQN102 and LQN103 and LQN203 and (24 credit points from LQN200, LQN201, LQN202) |
| Credit Points | 12 |
| Campus | Online and Gardens Point |
| Availabilities | Online - SEM-1, SEM-2 |

The dissertation component of the Master of Diagnostic Genomics program allows you to apply and build on the knowledge and skills acquired during your degree under the supervision and guidance of an experienced professional, in a research or clinical project in the field of genomics. The research dissertation fosters critical evaluation and interpretation skills and increases confidence in the design, execution and analysis of research. This research is reported in a written dissertation formatted to current APA guidelines.

LQN304 Laboratory Placement and Dissertation

| | |
|---------------|--------|
| Credit Points | 12 |
| Campus | Online |

| | |
|----------------|-------------------|
| Availabilities | Online - SEM-2 |
|----------------|-------------------|

The dissertation component of the Master of Diagnostic Genomics program allows you to apply and build on the knowledge and skills acquired during your degree, under the supervision and guidance of an experienced professional, in a research or clinical project in the field of genomics. The research dissertation fosters critical evaluation and interpretation skills and increases confidence in the design, execution and analysis of research. This research is reported in a written dissertation formatted to current APA guidelines.

LQN304 Laboratory Placement and Dissertation

| | |
|----------------|-------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SEM-2 |

The dissertation component of the Master of Diagnostic Genomics program allows you to apply and build on the knowledge and skills acquired during your degree under the supervision and guidance of an experienced professional, to undertake a research or clinical project in the field of genomics. The research dissertation fosters critical evaluation and interpretation skills and increases confidence in the design, execution and analysis of research. This research is reported in a written dissertation formatted to current APA guidelines.

LSB111 Understanding Disease Concepts

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

This unit reinforces fundamental assumed knowledge of anatomy and physiology and introduces the study of human disease processes or pathophysiology. General concepts underlying human diseases as well as disorders relating to organ systems will be studied and the major diseases affecting Australians, in particular those identified as National Health Priority Areas, will be addressed. The ability to understand and interpret the pathophysiology underpinning clinical contexts and to communicate this information using appropriate medical terminology are essential requirements for all students undertaking allied health courses and prepares them for professional practice.

LSB131 Anatomy

| | |
|----------------|--|
| Equivalent s | LSB145 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit includes basic concepts of anatomy: an overview of the structure of cells, body tissues, and body

systems; aspects of surface anatomy which are relevant to human movement; musculoskeletal systems.

LSB142 Human Anatomy and Physiology

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

The aim of this unit is to provide grounding in the principles of human anatomy and physiology. Following an introduction to the structure of the cell and the organisation of tissues, each of the major systems that constitute the human body are examined by the integrated study of their anatomy and physiology.

LSB231 Physiology

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

This unit covers the general physiological principles such as homeostasis and how all systems in the body contribute to it. Topics include cells, transport processes, cardiovascular system, cardiac electrical activity, cardiac output, regulation of blood pressure, respiratory system, endocrine system, pulmonary ventilation and its function. The aim of this unit is to provide you with a foundational understanding of the function

of the major organ systems of the human body as these relate to health and disease. Students enrolled in this unit require a firm grounding in the principles of human anatomy and physiology. Following an introduction to the structure and function of the cell, each of the major systems that constitute the human body are examined by the integrated study of their anatomy and physiology. This unit provides foundational knowledge for more advanced units in your second year, XNB273 Exercise Physiology and XNB274 Functional Anatomy.

LSB235 Anatomy of the Lower Limb

| | |
|----------------|---------------------------------|
| Pre-requisites | LSB131 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This is a foundational anatomy unit for clinical practice in Podiatry which requires a detailed understanding and knowledge of the systematic and regional anatomy of the lower limb. This unit introduces you to the theoretical and practical concepts of these two areas of anatomy. It builds on LSB131 Anatomy and prepares you for your clinical studies.

LSB250 Human Physiology

| | |
|----------------|--|
| Pre-requisites | LQB182 or LQB186 or LSB142 or LSB131 or LSB255 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

A strong background in human physiology is crucial for students in professional health courses. This unit will introduce and develop your knowledge and practical skills in physiology and provide you with the necessary foundation for subsequent units in physiology, pathophysiology, pharmacology, endocrinology or pathology. You will also develop a range of skills, including practical, written and oral communication skills, critical thinking and problem-solving skills. This unit is designed to encourage your interest in current applications in medical physiology, health and medicine.

LSB255 Foundations of Anatomy and Histology

| | |
|----------------|---------------------------------|
| Pre-requisites | LQB182 or LQB186 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit reinforces fundamental assumed knowledge of cell structure and function and introduces you to both theoretical and practical aspects of gross, systemic and microscopic anatomy of the human body with emphasis on microscopic anatomy. Unit material will include the structure of cells and major tissue types. This unit will also introduce you to the relevant anatomical structures of the human body systems. The practical component of this unit extends the development of microscopy skills introduced in first semester (LQB182 Cell

and Molecular Biology) so that you can develop the capacity to critically analyse histological sections and identify normal human tissues and organs. Knowledge and practical skills acquired in this unit will allow you to engage with more advanced studies in the general cellular and pathological processes which underlie major diseases of human organ systems (LSB365 Pathology).

LSB258 Principles of Human Physiology

| | |
|----------------|---------------------------------|
| Pre-requisites | LQB183 or LSB131 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Human physiology is the study of the normal function of the human body and a strong understanding of this discipline is important for all biomedical scientists. This first year foundation unit will introduce you to the principles underlying normal physiology as well as the major organ systems of the human body. As physiology forms the basis of medicine you will learn about a number of common and important diseases that illustrate the importance of maintaining conditions in the body within normal physiological limits. You will gain laboratory skills in physiological measurement and be able to interpret the data collected. This unit will provide you with a strong foundation for further studies in physiology, pharmacology, pathology and pathophysiology

and will complement studies in anatomy, cell and molecular biology and biochemistry.

LSB365 Pathology

| | |
|----------------|--|
| Pre-requisites | LQB281 and LSB250 and LSB255 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

The aim of this unit is to introduce you to the study of disease processes underlying the major diseases of human organ systems. The first part of the unit will introduce you to aspects of general pathology including cell adaptation, inflammation, haematology, and cancer. Systemic pathology will be covered in the second part of the unit during which the general pathologic processes will be applied to the major organ systems of the body. In addition, you will expand and further develop your practical skills along with your understanding of how they relate to laboratory investigation and diagnosis of disease.

LSB425 Quality and Analysis in Clinical Pathology

| | |
|----------------|---------------------------------|
| Pre-requisites | LQB381 and MAB141 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Quality and Analysis in Clinical Pathology develops previous work undertaken in MAB141

and LQB381, and builds towards work which will be undertaken in LSB525 Chemical Pathology. With an emphasis on the discipline of clinical biochemistry, this second year unit explores a range of analytical techniques and the quality assurance standards and practices in place in real world pathology laboratories. Assays must be performed with accuracy and precision, and data and results validated according to quality standards, and troubleshooting skills also developed. With emphasis on the knowledge, skills and values required for good laboratory practice, and a commitment to high quality results, this unit prepares you for the more complex procedures and automated technologies in the third year units and the clinical pathology workplace.

LSB466 Histological Techniques

| | |
|----------------|--|
| Pre-requisites | LSB365 and (CVB101 or PQB105 or LQB180) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Histological techniques are often essential for diagnosis and management of disease, and therefore constitute an important skill set for medical laboratory scientists. The purpose of this unit is to provide you with the opportunity to learn the theory underpinning basic histological techniques routinely used in

clinical as well as research laboratories, and how they are applied and interpreted. From a whole of course perspective, the unit LSB466 Histological Techniques incorporates and builds upon your learning in LSB255 Foundations of Anatomy and Histology, and LSB365 Pathology, and prepares you for LSB566 Histopathology in the third year of your course.

LSB492 Microbiology

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

Optometrists and podiatrists require a strong knowledge base in microbiology for their professional practice and on which to base future studies within their discipline. A detailed knowledge of infectious agents, their structure, prevalence and pathogenicity will enable you to apply these concepts to infection control to prevent the transmission of disease and to understand the mode of action of antimicrobials. You will also study infectious agents that are aetiological agents of disease states of the feet or the eyes or of public health significance, and appropriate methods for the management and treatment of these disease states. Basic knowledge of biology and chemistry is assumed for this unit.

LSB525 Chemical Pathology

| | |
|----------------|--------|
| Pre-requisites | LSB425 |
|----------------|--------|

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

This unit is designed to provide you with the knowledge and practical skills to work competently as a medical scientist in a diagnostic chemical pathology (clinical biochemistry) laboratory. In developing these skill sets it is essential that you have an in-depth understanding of the aetiology, physiology, pathology, and laboratory investigations relating to different biochemical markers and disorders. This is a third year unit that builds on the theoretical aspects of biochemistry dealt with in LQB381 and the practical and analytical skills developed in LSB425.

LSB555 Principles and Practice of Clinical Haematology

| | |
|----------------|---------------------------------|
| Pre-requisites | LQB490 and LQB387 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Haematology is the study of blood and investigates pathologies associated that can lead to disease or an increased risk of bleeding or thrombosis. This third year unit is designed to provide you with the essential knowledge and practical skills to work in a clinical (diagnostic) haematology laboratory. To develop those skills, it is critical you have an in-depth understanding of the aetiology

and pathophysiology of the most frequently encountered dyscrasias, and the principle and rationale of laboratory investigations used to identify and diagnose them and/or monitor patient therapy in the clinical setting. LSB555 incorporates and builds on your learning and practical skill development from second year and prepares you for LSB655 and LSB665 next semester.

LSB566 Histopathology

| | |
|----------------|---------------------------------|
| Pre-requisites | LSB466 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Histopathology is the study of cells and tissues and investigates the pathologies associated. This third year unit is designed to provide you with knowledge and practical skills to work in a histopathology laboratory and interpret advanced histopathological tests. To develop your knowledge of these techniques, ability to apply your learning and practical skills it is critical you have an understanding of the principle and rationale of these tests. LSB566 incorporates and builds on your learning in LSB466 and LQB490 and prepares you for LQB683 in the next semester of your course.

LSB625 Diagnostic Endocrinology

| | |
|----------------|--------|
| Pre-requisites | LSB525 |
| Credit Points | 12 |

| | |
|----------------|---------------------------------|
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Endocrinology is a specialised area of study in clinical biochemistry and investigates pathologies associated with the hormonal control mechanisms that regulate metabolism and growth within the body. This unit is in the course to provide you with essential scientific and technical skills to prepare you to work as a medical laboratory scientist. The unit is positioned in the developmental phase of the course and is preceded by LSB525, the study of chemical pathology. Combined, these units prepare you for employment in both smaller multi-disciplinary laboratories performing a limited number of biochemical tests, as well as larger specialised laboratories performing in-depth studies of all aspects of chemical pathology and endocrinology.

LSB655 Applied Clinical Haematology

| | |
|----------------|---------------------------------|
| Pre-requisites | LSB555 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Haematology is the study of blood and investigates pathologies associated with non-malignant and malignant blood cell dyscrasias, and abnormalities of the haemostatic system that lead to an increased risk of bleeding or thrombosis. In order for you to work effectively, and with confidence, it is essential you are also able to identify and

investigate less frequently encountered dyscrasias and complex cases. This unit is positioned in the developmental phase of the course and assumes knowledge and practical skills from LSB555.

LSB658 Clinical Physiology

| | |
|----------------|--|
| Pre-requisites | (LSB142 and LQB281) or (LSB282 and LSB382) or LQB285 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Clinical Physiology (LSB658) is an advanced unit that will build upon your existing knowledge of disease processes and practical skills gained in units you have previously undertaken. You will also be able to utilise your individual background knowledge gained throughout your course in anatomy and physiology, pharmacology and clinical practice to solve and suggest treatment for complex cases. This unit will give you an in-depth understanding of the pathophysiology of a wide range of diseases/disorders with particular emphasis on disorders that are currently identified as areas of national health priority by the Australian National Medical Health and Research Council (NHMRC). The unit will further your skills in managing emergency situations by exposing you to new clinical scenarios with complex background pathophysiology, and assist you in developing new practical skills in clinical physiology.

instrumentation and data analysis.

LSB665 Transfusion and Transplantation Science

| | |
|----------------|---------------------------------|
| Pre-requisites | LSB555 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Medical scientists must be competent in the laboratory procedures and practices required to provide a safe and reliable blood transfusion service, when employed in clinical laboratories. This involves testing of blood samples for donors and patients, mainly in transfusion and pregnancy scenarios. Transplantation science similarly involves compatibility testing of donors and recipients, but for tissues other than blood. This unit is positioned in the late developmental phase of the course and requires that you have foundational knowledge in human immunology and haematology. This unit prepares you for employment in laboratories that participate in transfusion services, such as pathology/hospital bloodbanks.

LSN104 Advancing Anatomy and Physiology

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

This unit builds and integrates knowledge of the structure and function of the human body to understand the complexity and

spatial relationships of cells, tissues and organs; and their specific roles in maintaining human health. You will have the opportunity to explore real and virtual anatomical models, physiological instrumentation and advanced pathological and imaging case studies, to demonstrate higher order cognitive skills in anatomy and physiology. There is a strong emphasis on developing and applying expertise in anatomical terminology to facilitate effective communication in professional practice in health and scientific fields.

LWD101 Ethics Law and Health Care

| | |
|----------------|--|
| Equivalent s | |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

Practice in healthcare involves making decisions for, and with, others. An important requirement of such decisions is that they are consistent with public and professional responsibilities and that they serve to promote the needs of patient/clients. The basic requirements and considerations are established by law, ethics and professional values. The unit explores the relationship between law and ethics to lay the foundations of understanding of both law and ethics as they relate to healthcare and to your professional practice.

LWN025 Research Project 1a

| | |
|----------------|---|
| Pre-requisites | LWN304. LWN304 can be studied in the same teaching period as LWN025 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM |

During your postgraduate study in law, you may find an area that is of particular interest to you or that has specific relevance to your current or intended professional expertise. This unit gives you the opportunity to explore aspects of your coursework or professional interests in more depth as well as assisting you in the continual process of refinement of your critical and analytical research skills. In order to enrol in the unit, you will need to obtain approval from your supervisor for your research proposal and complete the Research Project application form, which is available on the Postgraduate Community BlackBoard site. You should submit the form to the Law School administration, who will take it to the Director, Graduate Programs for approval. Once approval is granted by the Director you will be enrolled in this unit.

LWN053 Research Project 1b

| | |
|----------------|---|
| Pre-requisites | LWN304. LWN304 can be studied in the same teaching period as LWN053 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM |

During your postgraduate study in law, you may find an area that is of particular interest to you or that has specific relevance to your current or intended professional expertise. This unit gives you the opportunity to explore aspects of your coursework or professional interests in more depth as well as assisting you in the continual process of refinement of your critical and analytical research skills. In order to enrol in the unit, you will need to obtain approval from your supervisor for your research proposal and complete the Research Project application form, which is available on the Postgraduate Community BlackBoard site. You should submit the form to the Law School administration, who will take it to the Director, Graduate Programs for approval. Once approval is granted by the Director you will be enrolled in this unit.

LWN056 Research Project 1c

| | |
|----------------|---|
| Pre-requisites | LWN304. LWN304 can be studied in the same teaching period as LWN056 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM |

During your postgraduate study in law, you may find an area that is of particular interest to you or that has specific relevance to your current or intended professional expertise. This unit gives you the opportunity to explore aspects of your coursework or professional interests in more

depth as well as assisting you in the continual process of refinement of your critical and analytical research skills. In order to enrol in the unit, you will need to obtain approval from your supervisor for your research proposal and complete the Research Project Application form, which is available on the Postgraduate Community BlackBoard site. You should submit the form to the Law School Administration, who will take it to the Director, Graduate Programs for approval. Once approval is granted by the Director you will be enrolled in this unit.

LWN057 Research Project 1d

| | |
|----------------|---|
| Pre-requisites | LWN304. LWN304 can be studied in the same teaching period as LWN057 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM |

During your postgraduate study in law, you may find an area that is of particular interest to you or that has specific relevance to your current or intended professional expertise. This unit gives you the opportunity to explore aspects of your coursework or professional interests in more depth as well as assisting you in the continual process of refinement of your critical and analytical research skills. In order to enrol in the unit you will need to obtain approval from your supervisor for your research proposal and complete the Research Project Application form, which is

available on the Postgraduate Community BlackBoard site. You should submit the form to the Law School Administration, who will take it to the Director, Graduate Programs for approval. Once approval is granted by the Director you will be enrolled in this unit.

LWN065 Construction and Engineering Law

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

Preparation of construction and engineering contracts has now become a distinct area of legal practice, with many firms having established sections that specialise in this area. A sound knowledge of the standard forms used in the industries and the special principles of law applicable to this area is essential for those wishing to practise in the area. This unit provides the knowledge sought by current and future practitioners and those considering embarking upon research in this area.

LWN075 International Commercial Transactions

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 (Block), SEM-2 (Block) External - SEM-1, SEM-2 |

This unit addresses a 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 trade with Australian businesses, such activity being generally recognised as crucial to Australia's economic well-being.

LWN099 Intellectual Property Law

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

Intellectual property law has become fundamentally important to our modern, connected society. This unit will provide an introduction to those areas of intellectual property law that commercial legal practitioners are likely to encounter in their everyday practice. It will also examine the current policy debates in the field of intellectual property as the law adapts to the digital age. Being able to navigate and exploit intellectual property is of fundamental importance to the knowledge economy and information society. Intellectual property law is the umbrella term that encompasses the legal rights and responsibilities of creators and users of intangible goods. This subject provides students with the ability to identify issues and apply the law in the key areas of intellectual property law,

including copyright and related rights, patents, trademarks, designs and confidential information.

LWN164 Health Care Law and Ethics

| | |
|----------------|---|
| Equivalent s | LWQ164 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 (Block), SEM-2 (Block) External - SEM-1, SEM-2 |

The relationship between law and ethics in healthcare is important, as health knowledge and interventions and our understandings of the respective roles, responsibilities and rights of health professionals, health organisations, patients and the state, amongst others, continue to rapidly develop and evolve. This unit explores the relationship between law and ethics to lay the foundations of an understanding of both law and ethics as they relate to healthcare.

LWN188 Advanced Taxation Law

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

In most legal transactions, there is a requirement to consider and obtain taxation law advice. Such transactions range from buying and selling a business to finalising a property settlement in family

law. It is important, therefore, that lawyers have an understanding of these significant taxation issues so that they may provide a more comprehensive service to their clients.

LWN204 Family Dispute Resolution

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|----------------|---|
| Pre-requisites | LWN206. LWN 206 can be studied in the same teaching period as LWN204. |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 (Block) |

In Australian family law, litigation is an option of last resort and parties in parenting cases are required to attempt resolution of their disputes before filing applications in courts, unless their case falls within the exceptions, such as where there are issues of family violence or urgency. In financial disputes, judicial officers recommend that parties attempt negotiation or mediation prior to filing a court application. It is essential that professionals working in family law have a knowledge and understanding of the family dispute resolution system. Future family dispute resolution practitioners (FDRPs) require a knowledge and understanding of the family dispute resolution (FDR) system, communication skills and an understanding of how to effectively facilitate FDR using the facilitative mediation model. They also need to understand the legislative and ethical obligations of FDRPs and how to conduct intake and

screening to assess suitability for mediation. This unit follows LWN206 Mediation, being the second in a series of units to complete if you are seeking family dispute resolution practitioner accreditation. After this unit you complete LWN209 Case Management and either QUT Family Mediation Practice or your own placement approved by the QUT Law School. Once you have satisfactorily completed all of these units and your supervised practice, we can issue you with a cert

LWN206 Mediation

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|----------------|--|
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 (Block), SEM-2 (Block) |

This unit complies with the knowledge and skills requirements of the national mediation standards and provides you with the option of undertaking a national mediation assessment. If you pass this assessment you can apply to an accrediting body to become a nationally accredited mediator. It is also the first in a series of units to be completed if you are seeking family dispute resolution practitioner (FDRP) accreditation. Successful completion of this unit, LWN204 Family Dispute Resolution, LWN209 Case Management and the remaining 20 hours of supervised practice will complete the necessary knowledge and skills requirements to become an accredited FDRP. You will also

need to comply with the personal requirements for FDRP accreditation, such as the requirements for good character, eligibility to work with children and criminal history. See the requirements on the Commonwealth Attorney-General's Family Dispute Resolution Practitioner accreditation webpage.

LWN209 Case Management

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|----------------|---|
| Pre-requisites | LWN204 and LWN206 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 (Block) |

To work effectively as a family dispute resolution practitioner (FDRP), you need to develop a broad range of knowledge, skills and strategies to conduct intake and screening and to facilitate family dispute resolution processes with families in high conflict. You undertake this unit after successful completion of LWN206 Mediation and LWN204 Family Dispute Resolution and if you are seeking to become an accredited FDRP. You will participate in a range of simulations and clinical activities to enable you to further develop your family dispute resolution knowledge, skills and strategies. In addition to this unit, you must undertake 20 hours of supervised FDR practice to become an accredited FDRP. You will need to find your own supervised practice placement to complete this 20 hours of supervised practice. Your

application for FDRP accreditation is your own responsibility. You are also responsible for ensuring that you can comply with the other requirements for FDRP accreditation.

LWN210 Family Mediation Practice

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|----------------|---|
| Pre-requisites | LWN204 and LWN206 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 (Block) |

To work effectively as a family dispute resolution practitioner (FDRP) you need to develop a broad range of family dispute resolution (FDR) knowledge, skills and ethical awareness to conduct Intake and Screening and to facilitate FDR processes with families who may be in high conflict. You undertake this unit after successful completion of LWN206 Mediation and LWN204 Family Dispute Resolution (or equivalent) and if you are seeking to become an accredited FDRP with the Commonwealth Attorney-General's Department. Before enrolling in this unit, you also need to be a nationally accredited mediator registered with an accrediting body such as the Queensland Law Society, Bar Association, Australian Mediation Association or the Resolution Institute and hold current mediator insurance. You will undertake 20 hours of FDR practice under the supervision of accredited FDRPs. You will facilitate FDR sessions with

real clients in the QUT Family Mediation Service which runs out of the QUT Health Clinic at Kelvin Grove campus. A certificate of completion that you can use to apply for FDRP accreditation with the Commonwealth Attorney-General's Department will only be issued on your completion of 50 hours of supervised FDR practice which can be completed by you completing both LWN209 Case Management and this unit.

LWN301 Principles of Australian Contract Law

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|----------------|---|
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 (Block), SEM-2 (Block) External - SEM-1, SEM-2 |

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. Contract law is the basis for transactions involving the supply of goods and services and is the primary means by which the ownership of property is transferred.

LWN304 Legal Research Methodologies

| | |
|-----------------|---|
| Anti-requisites | LWN048 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 (Block) |

External
- SEM-1, SEM-2

This unit provides you with an opportunity to develop a research project on a law-related issue, using appropriate research frameworks, methods and principles. You will demonstrate your knowledge of research methods and advanced research skills by reviewing the literature relevant to your law-related issue, identifying gaps in previous research, explaining the research problem you are investigating, and drafting a research proposal identifying the research question (and sub-questions), intellectual framework, and research methods to address the research question.

LWN305 Australian Applied Law

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

This unit is designed to transition higher degree students from international and non-legal backgrounds into the application of law at a postgraduate level. The unit promotes a deep understanding of the way in which the main principles and concepts of the common law system operate in the contemporary context, comparing and contrasting them with other legal systems. It contextualises issues pertaining to the common law system and its operations and

provides students with a specialised skills in doctrinal legal research and scholarly legal writing.

LWN401 General Introduction to Intellectual Property Law

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|----------------|---|
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 (Block) |

The unit serves as an overview of the principal areas of intellectual property in contemporary society and introduces the principles of intellectual property law through a study of the concepts, principles and policies of intellectual property law.

LWN402 Patents and Biotechnological Inventions

| | |
|----------------|---|
| Pre-requisites | LWN401. LWN401 can be studied in the same teaching period as LWN402 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP2 (Block) |

The unit introduces the role of patent law in protecting creative activities in diverse fields of industry and notably in biotechnology and information technology. It focuses upon the workings of the patent system in the contemporary context.

LWN403 Copyright and Related Rights

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|----------------|---|
| Pre-requisites | LWN401. LWN401 can be studied in the same teaching period as LWN403 |
| Credit Points | 12 |

Units

| | |
|----------------|--|
| Campus | Gardens Point |
| Availabilities | Gardens Point - 5TP3 (Block) |

This unit analyses the complexities of copyright law in the digital age. It introduces the concepts of copyright law and the principles and policies of copyright law. It especially focuses on intermediary liability, the remix and reuse culture, digital rights management and technological protection measures, parody, satire rights and open content licensing.

LWN404 Trade Marks, Domain Names and Geographical Indications

| | |
|----------------|---|
| Pre-requisites | LWN401. LWN401 can be studied in the same teaching period as LWN404 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 5TP4 (Block) |

This unit details the legal protection provided to trade marks under legislation and the common law, introducing the principles of law required for obtaining, maintaining, managing and exploiting a registered trademark under the *Trade Marks Act 1995* (Cth).

LWN405 Industrial Designs Law and Practice and Plant Variety Protection

| | |
|----------------|---|
| Pre-requisites | LWN401. LWN401 can be studied in the same teaching period as LWN405 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP4 (Block) |

This unit examines the legal

protection provided to industrial designs and new plant varieties under both national and international legislation. It focuses on the increasing economical importance of industrial designs and investigates the various national and international principles of law required for obtaining, maintaining, managing and exploiting industrial designs, and enforcing their protection.

LWN406 Traditional Knowledge and other Emerging Issues, Interface between Antitrust and IP Rights

| | |
|----------------|---|
| Pre-requisites | LWN401. LWN401 can be studied in the same teaching period as LWN406 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP5 (Block) |

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 and Commercialisation

| | |
|----------------|---|
| Pre-requisites | LWN401. LWN401 can be studied in the same teaching period as LWN407 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 (Block) |

It is of fundamental significance that the creation of new intellectual property and 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 |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit is the capstone of the course and the vehicle for you to undertake a structured, individual research project under supervision, selecting and applying an appropriate research methodology. It draws upon the skills and knowledge you have acquired in the preceding units as well as the feedback you have received on your preceding research papers. The course requires

that in this culminating unit, you demonstrate that you are capable of using your initiative to produce and project-manage a major research project to satisfactory completion. The paper constitutes a substantial piece of research relevant to intellectual property law, carried out on an individual basis, investigating and analysing the legal aspects of a practical and contemporary intellectual property issue/s. The topic is to be developed from one that you have previously researched in a less detailed capacity in any of the units LWN401, LWN402, LWN403, LWN404, LWN405 or LWN406.

LWN601 Professional Project in Law

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|----------------|---|
| Pre-requisites | LWN304. LWN304 can be studied in the same teaching period as LWN601-1 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 (Block), SEM-2 (Block) External - SEM-1, SEM-2 |

Your study in this unit will provide you with assistance to design the research strategy and conceptual framework for the final semester capstone project to be completed in LWN601-2 Professional Project in Law. Your project will be focused on a specialised legal area in which you have a particular interest. You will consolidate the research and communication skills that were introduced in LWN304 Legal Research Methodologies and

developed throughout your course. While your research will be individual, you will work with other students in your group who are researching under the joint supervision of an expert in the field. You will develop skills in peer review by providing feedback to other students in your group and you will also benefit from their feedback on proposed research areas and approaches.

LWN601 Professional Project in Law

| | |
|----------------|---|
| Pre-requisites | LWN601-1 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1 (Block), SEM-2 (Block) External - SEM-1, SEM-2 |

Your study in this unit will provide you with assistance to complete the project you commenced in LWN601- 1 Professional Project in Law. LWN601-2 provides you with an opportunity to consolidate the research skills developed in previous units to demonstrate your expert knowledge in a specialised area of law in which you have a particular interest. You will build on the expert knowledge and skills you have developed in the units in your major or elective choices. While your research will be individual, you will work with other students in your group who are researching under the joint supervision of an expert in the field.

LWQ701 Think Like a Lawyer in the Digital World

| | |
|----------------|-------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES3 |

This unit introduces you to the knowledge and skills you will need to find and analyse the laws, legal principles and regulations that regulate data use and digital technologies. If you have not studied law before, this is a critical foundation unit for the work you will do in all the other course units. If you have studied law before, this unit provides an opportunity to transfer your existing understanding and skills in locating, analysing and applying laws, legal principals and regulations, to authentic problems in the digital space.

LWQ702 Data Privacy and Security

| | |
|----------------|-------------------------|
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES4 |

This unit introduces you to the knowledge and skills you will need to find and analyse the laws, legal principles and regulations that protect privacy in the use of digital data, particularly involving personal information and the security issues that flow. . This unit will also further your knowledge and skills in locating, analysing and applying laws, legal principles and regulations, to real world problems in the digital context.

LWS008 Entertainment Law

| | |
|-----------------|--|
| Pre-requisites | LWS009 or BSB111 or LWB145 or LLB101 |
| Anti-requisites | LWS011 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

The entertainment industry involves a myriad of transactions and interactions that are governed by a wide range of laws. A basic understanding of the laws most commonly encountered in the entertainment industry should assist those involved in the industry to have a better understanding of the legal context in which they are operating. This in turn may assist them in avoiding problems, or to have a better appreciation of when they should seek professional legal assistance.

LWS009 Introduction to Law

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

For students involved in a wide range of industries, it is important to have a fundamental understanding of the nature of the Australian legal system. The unit introduces students to the sources of law (both cases and legislation) and will assist students in acquiring introductory knowledge about the Australian legal system and laws so that they will be

equipped to complete other law units in their relevant course.

LWS011 Journalism Law

| | |
|-----------------|---|
| Anti-requisites | LWS008 |
| Equivalent s | KKB175, KKB275 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

The study of law is important for journalists as they are endowed with a public responsibility to engage in sound legal and ethical in practice. The public role journalists play in society means that there is a high level of scrutiny on their actions. Legal transgressions by journalists can prove costly and painful for journalists, their families, friends, colleagues and employers. Furthermore, journalists also need to have a good working understanding of the legal framework that applies to society in general, as the law will be relevant to a wide range of issues that will be reported by journalists in their professional practice. In addition, the unit seeks to foster an appreciation of the developing nature of the law through court decisions and its capacity to adapt to new circumstances, as well as providing you with the scope to appreciate the development of law through changes in policy through the intervention of parliaments.

LWS012 Urban Development Law

| | |
|----------------|---------------------------------|
| Equivalent s | UDB102 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit provides to students an introduction to the Australian legal environment in which context they will be working. It addresses specific legal issues that impact on urban development and is intended to inform the decisions that will need to be made while working in this area. An understanding of the legal framework is essential to professionals practising in all areas of the built environment. The foundation skills and knowledge acquired in this unit will underpin future learning.

LWS075 International Business and Law

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 (Block), SEM-2 (Block) External - SEM-1, SEM-2, XCH-1, XCH-2 |

This unit addresses a 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 trade with Australian businesses, such

activity being generally recognised as crucial to Australia's economic well-being.

LWS101 Ethics Law and Health Care

| | |
|----------------|--|
| Equivalent s | LWD101 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Nursing practice involves making decisions for, and with, others. An important requirement of such decisions is that they are consistent with nurses' public and professional responsibilities and that they serve to promote the needs of patient/clients. In short, nursing practice is guided by normative requirements. The basic requirements and considerations are established by law, ethics and professional values. The unit explores the relationship between law and ethics to lay the foundations of understanding of both law and ethics as they relate to healthcare and to your professional practice.

MAB141 Mathematics and Statistics for Medical Science

| | |
|-----------------|---------------------------------|
| Anti-requisites | MAN101, MAB101 |
| Equivalent s | MAB140 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit provides you with the

essential grounding in mathematical and statistical concepts, methods and analysis of data used in units you will encounter later in your course, and relevant to medical science laboratory data and situations in pharmacy, vision science, biomedical science and medical science.

MGB200 Managing People

| | |
|----------------|--|
| Pre-requisites | BSB115 |
| Equivalent s | MGX200 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

Everyone in business, government and non-for-profit organisations works with other people, and organisational behaviour provides the knowledge and tools to interact with others effectively. No matter what career path you choose, you'll find that organisational behaviour concepts play an important part in performing your job and working more effectively within organisations. In this unit we will examine how individual differences impact upon what people think, feel, and do in the workplace, and how this understanding of people can help us build more fulfilling and successful workplaces. We focus on getting the best out of people at work, including ourselves, by promoting the sustainable and ethical integration of the business needs and the individual's

needs. Not only is an understanding of human behaviour and organisations fascinating, it is also necessary to succeed in today's fast-paced environment, as it can help improve organisational, managerial and personal effectiveness.

MGB201 Contemporary Employment Relations

| | |
|----------------|----------------------------|
| Pre-requisites | BSB115 |
| Equivalent s | MGX201 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - XCH-1 |

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.

MGB210 Managing Operations

| | |
|----------------|---|
| Pre-requisites | BSB115 |
| Equivalent s | MGX210 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

The production of goods or services is the core activity of all organisations, irrespective of whether the organisation is part of the private sector, the public sector, or the not-for-profit sector. While the

production of goods and services is the core activity of the organisation, it is only made possible by the integrated support of other functional and administrative areas of the organisation. It is essential that you gain an understanding of the central issues in relation to the production of goods and services, and how other functional and administrative areas contribute to this core activity. A key focus of the production of goods and services is the use of different qualitative and quantitative techniques to assist in managerial decision making. This also gives the unit a broader application than simply goods and services management.

MGB214 Introducing People Management and Analytics

| | |
|-----------------|---|
| Pre-requisites | 48cp of completed study |
| Anti-requisites | MGB207 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit introduces you to the strategic perspective on human resource management and the growing use of evidence based human resource decision making to increase organisational effectiveness. This unit explores how the core roles and functions of HRM including recruitment and selection, learning and development, and performance

and reward management need to be aligned with organisational strategy to achieve business goals.

MGB225 Intercultural Communication and Negotiation Skills

| | |
|----------------|--|
| Pre-requisites | BSB115 or BSB119 |
| Equivalent s | MGX225 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

Understanding and managing the ways culture impacts communication within a culturally diverse workforce and negotiation in a multi-cultural environment is essential for business professionals operating in national and international contexts. By understanding cultural influences, managers can then modify their communication style to communicate and negotiate effectively with culturally diverse colleagues, competitors and clients. The aim of this unit is to provide students with key knowledge and a range of practical skills in interpersonal and corporate communication and negotiation across various business contexts with particular emphasis on the influence of culture on communication and negotiation. This unit is fundamental to management and builds on prior core learning in management, people and organisations to

provide conceptual frameworks and interpersonal skills to enhance organisational and management capabilities at local, national and international business levels.

MGB226 Innovation, Knowledge and Creativity

| | |
|-----------------|---|
| Pre-requisites | BSB115 or Completion of 96 credit points of study |
| Anti-requisites | MGB355 |
| Equivalent s | MGX226 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Innovation, knowledge and creativity are the key drivers of success for many of today's leading firms and are integral to an organisation's ability to survive and thrive in a competitive marketplace. This unit is based on the increasing emphasis on the role of innovation and knowledge within an organisation and how creativity and innovation can be facilitated and managed in a work setting. It also introduces you to the impact of innovation and knowledge in shaping the commercial and strategic agenda of the firm in the competitive environment. This unit will provide you with experiences that develop your knowledge of and skills in the processes involved in managing innovation from both macro and micro perspectives. You will study the meanings and role of creativity and knowledge and how they

impact on managerial strategies and tactics for fostering innovation in organisations.

MGB227 Entrepreneurship

| | |
|-----------------|---|
| Pre-requisites | BSB115 or Completion of 96 credit points of study |
| Anti-requisites | MGB223 |
| Equivalent s | MGX227 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

The ability to think and act entrepreneurial is increasingly important in modern society, regardless of your future career. This action-oriented unit is designed specifically to enable students to walk in the shoes of an entrepreneur and to experience the excitement, challenge and unpredictable nature of identifying, developing and communicating new value creation strategies. Further, this unit provides students with the unique opportunity to engage with real-world entrepreneurial action in the community, to develop potential solutions for real world problems, and to present those solutions to their peers. In addition, students will be able to reconcile their thinking to theoretical frameworks and to past and future personal experiences. Students will learn how to reconcile their passion(s) into action using the environmental interaction framework.

MGB229 Obligations and Options for Employing People

| | |
|-----------------|---|
| Pre-requisites | 48cp of completed study |
| Anti-requisites | MGB201 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

As a Human Resource Manager you must be aware of the legal, political, social, economic, financial and ethical factors impacting choices about employing people. These are addressed in this unit through theory and practice.

MGB230 Recruiting and Selecting People

| | |
|-----------------|--|
| Pre-requisites | MGB214 or MGB207 |
| Anti-requisites | MGB320 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1 |

In a competitive business environment, recruiting and selecting high-quality employees is the key to organisational success. Therefore, as a HR manager, you are required to have competencies in designing strategic and evidence-based recruitment and selection processes. This unit equips you with the skills to develop and evaluate a fit for purpose recruitment and selection package.

MGB306 Independent Study

| | |
|-------------------|---|
| Other requisites | Subject to Unit Coordinator Approval. Students must complete at least 96 credit points of approved study to be considered for enrolment in this unit. |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit 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 the HRM or Management disciplines. You will contact the unit coordinator before Week 1 to discuss your proposed project and develop an individually tailored learning contract specifying the activity program, assessment submissions, timelines and supervision arrangements. Individual programs will be developed in conjunction with and approved by the unit coordinator before the start of semester. The unit is designed to provide valuable professional portfolio building through advanced level examination of content and the development of self-directed learning skills.

MGB309 Managing Strategically

| | |
|----------------|--|
| Pre-requisites | Completed 192cp of which 48cp are management major units |
| Equivalent s | MGX309 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

External
- XCH-1, XCH-2

This capstone unit is in the mastery stage of your course and provides you with opportunities to integrate your insights of your various functional disciplines in the context of an organisation's strategy. Students from different majors can draw on their education thus far and use it in understanding how every aspect of an organisation such as HR, Finance, and Marketing play roles in strategy. Managers don't just analyse; they make decisions and have to adapt to the consequences. By using an industry-based project as the core learning vehicle, this unit will provide you with the unique opportunity to experience how to carry out a strategic evaluation process on an organisation, using the gathered intel to build a suitable strategy. You will be able to provide evidence of your own skills in managing yourself, your team and your organisation strategically.

MGB310 Managing Sustainable Change

| | |
|----------------|---|
| Pre-requisites | MGB200 |
| Equivalent s | MGX310 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Corporate sustainability has moved from the margins to the centre of contemporary

business strategy and practice and has been widely acknowledged as fundamental to the ongoing success and sustainability of organisations. A sustainable organisation is recognised as one that manages its processes, products and people in an ecologically aware and socially responsible manner, thus the need to understand how organisations can successfully integrate environmental and social performance with key business objectives has become paramount. The ability to plan and manage the change programs needed to make these shifts are integral management competencies.

MGB324 Managing Business Growth

| | |
|----------------|---|
| Pre-requisites | MGB223 or MGB227 |
| Equivalent s | MGX324 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit examines the venture growth processes for entrepreneurial managers. It focuses on the post start-up issues for the entrepreneurial venture and allows you to analyse exiting venture operations. The unit considers the rapid growth issues in business ventures and examines how to grow and manage in the post start-up phase. This unit is designed for those individuals interested in owning, or who currently own,

their own venture and for those working in industries as employees or wishing to work in the growing organisations.

MGB331 Developing People

| | |
|----------------|---|
| Pre-requisites | MGB214 or MGB207 |
| Equivalent s | MGX331 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

We live in exciting times with technology driving change at an ever-increasing rate. To remain competitive in this world, organisations and individuals need to be adaptive and flexible. This means being able to effectively analyse and assess current capabilities and then take necessary organisational learning and development action. This Unit provides you with the knowledge and skills required to carry out these functions and in so doing gives you the tools needed to be a positive driver of organisational success.

MGB335 Managing Projects

| | |
|-----------------|---|
| Pre-requisites | MGB210 |
| Anti-requisites | KXB202 |
| Equivalent s | MGX335 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Organising by projects is the 'wave of the future in global businesses' due to increasing technical and product complexity, shortening time for market windows, and the need for cross-functional integration and fast responses to changing client needs. This mastery level unit refines knowledge and skills in effectively managing projects, gained by focusing on the central issues of project selection, planning, implementation, control and evaluation. It integrates the socio-cultural elements of management including leadership, problem-solving, politics, teamwork and negotiation with the technical elements of scope, work breakdown structure, scheduling and resource allocations to identify the importance of links to other management dimensions such as strategy and structure.

MGB338 Workplace Learning

| | |
|-------------------|---|
| Pre-requisites | 192 Credit Points of completed study |
| Other requisites | Grade Point Average (GPA) of 4.0 or higher; and undertaking a major in Human Resource Management (HRM) or Management. |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit provides an opportunity for you to gain professional experience in the HRM or Management discipline

and to concurrently examine the nexus between work and learning. The internship or project will permit both a broad exposure to the field as well as an in-depth focus on subject matter. In addition, the unit is designed to assist you to develop self-insight in to your personal and professional strengths, developmental needs and career preferences. Skills in self-directed learning, project management and reflective practice will all be developed. Finally, as the unit is positioned towards the end of the degree program, it is designed to assist in your transition from undergraduate student to beginning practitioner.

MGB339 Managing Performance and Rewards

| | |
|----------------|---|
| Pre-requisites | MGB214 or MGB207 |
| Equivalent s | |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Performance and reward management is a key functional area of HRM and is of critical importance in supporting organisations to maintain its competitive advantage. Therefore, and it is imperative that you understand the strategic framework and the underlying psychological principles. This unit contributes significantly to your understanding of people management, your HR

diagnostic skills and your ability to develop HR policies and procedures to support employee, manager and organisation effectiveness.

MGB340 International Business in the Asia-Pacific

| | |
|----------------|---|
| Pre-requisites | MGB225 |
| Equivalent s | MGX340 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Australia is situated in the fastest growing region in the world - the Asia-Pacific rim. Furthermore, Australia already works closely with many of the economies in the region and thus managers need to be fully prepared to manage in cultural different environments. This unit exists to inform future business professionals about business environments, how to identify risks and, from a hands-on perspective, learn best practices to address such risks within countries of this region.

MGB341 Managing Risk

| | |
|----------------|---|
| Pre-requisites | MGB200 or MGB226 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

An understanding of risk management, in theory and practice, is essential for

ensuring resilient and sustainable organisations. Effective risk management outcomes result from the analysis of uncertainties embedded in human knowledge, systems of management and processes in commerce, and from implementing mitigation strategies generated to address these factors. This unit seeks to introduce students to current Risk Management models and apply them in the context of current national and international risk standards.

MGB372 Creating Value through People

| | |
|-----------------|---|
| Pre-requisites | 192cp of previous study including 48cp of HRM major units |
| Anti-requisites | MGB370 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

A successful human resource professional requires more than content knowledge and technical skills. They also need to influence decision making through clearly articulating and demonstrating the strategic and operational value of HR practices. This capstone unit provides final year human resource students with real world opportunities to integrate and apply the content knowledge of various human resource functions and evidence based practice to demonstrate the value human resource management creates for diverse organisation.

MGN409 Management Theory and Practice

| | |
|-----------------|---|
| Anti-requisites | GSN401 and GSZ401 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2, XCH-1, XCH-2 |

In addition to the basic functions of management, the changing nature of managerial work emphasises the importance of facilitating, developing and integrating the organisation's human, physical and other resources. This unit examines current approaches to managing and leading; and the challenges of managing contemporary organisations amid discontinuous change.

MGN410 Employment Relations

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

The rationale for this unit stems from the theoretical and practical dimensions of the relationship between managers and employees. The broad focus is on the employment relationship, the organisation of work and relevant managerial strategies. The unit also analyses the context of labour - management relations, particularly industrial relations institutions and labour markets. The unit will examine recent legislative, economic, political and social changes on work

organisations, such as deregulation and flexibility, and the responses of management and employees.

MGN412 Organisational Behaviour

| | |
|-----------------|---|
| Anti-requisites | GSN409, GSN419 and GSZ409 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2, XCH-1, XCH-2 |

Formally and informally, people live and work in organisations. The rationale for this unit's inclusion in the curriculum is that only through an understanding of the relevant individual, group and organisation dynamics will graduates be able to function effectively as leaders and managers, facilitating productivity through efficiency and effectiveness of behaviour and practice, while simultaneously enhancing sustainability and high performance at each level.

MGN421 Strategic HRM

| | |
|----------------|---|
| Pre-requisites | MGN506 and 84cp of other MGN units |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit is the capstone for the Master of Business (HRM) and is aimed at building on your understanding of HR functions,

strategies and practices gained in other postgraduate HRM Units. The unit also encourages you to bridge the gap between HRM research and practice by engaging with scholarly research and translating this into practical advice for business leaders. Finally the unit focusses on you as an HR professional and the role you play in an organisation.

MGN423 Contemporary Strategic Analysis

| | |
|-----------------|---|
| Anti-requisites | BSN407 and MGN504 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

The everyday reality of managers is that they have to make decisions related to various parts of the organisation and its environment. Contemporary Strategic Analysis will bring together various elements of management learned in other postgraduate units to provide you with a more holistic view on strategic problems that will allow you to make superior strategic decisions. You will have the opportunity to gain practical experience with making strategic decisions through managing your own company in a simulated environment. By understanding the nature and determinants of contemporary strategy, students will be well positioned to take a more strategic perspective in their

organisational activities.

MGN428 Creating New Ventures

| | |
|-----------------|---|
| Anti-requisites | GSN410, GSZ410, MGN534 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2 |

This unit is designed for those interested in the processes of entrepreneurship, innovation and business start-up. Specifically the unit has been designed for managers, human resource managers, business people, professionals in IT, industrial design and engineering graduates, advisors to business start-ups, those proposing to pursue entrepreneurial opportunities. Acting upon entrepreneurial intentions is an activity that few are able to make happen, even though many seek to this end. This unit concentrates on understanding the 'know how' of all the strategic areas of new venture creation and provides you with the opportunity to use these tools and analytical techniques.

MGN431 Strategic Human Resource Development

| | |
|----------------|--|
| Pre-requisites | MGN440 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit provides a coherent theoretical and practical

framework for planning and implementing Human Resource Development (HRD) within today's organisations. It examines relevant research and theoretical approaches to provide a foundation for understanding the strategic development of learning and skills in the workplace. It relates these in a practical way to contemporary human resource development challenges in organisations. MGN431 establishes the contribution of HRD processes to the achievement of an organisation's vision, goals and strategy.

MGN432 Contemporary Entrepreneurship

| | |
|----------------|---------------------------------|
| Pre-requisites | MGN428 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Entrepreneurship is the creation of new and growth of existing businesses. Fostering entrepreneurship has become a strategic priority of countries and companies around the world. This unit is designed to equip students with state-of-the-art techniques developed by leading universities, innovators, and entrepreneurs that allow them to pursue high-impact entrepreneurship.

MGN433 Managing High-Performance Organisations

| | |
|----------------|--|
| Pre-requisites | MGN409 and 48 credit points of MGN units |
| Credit Points | 12 |
| Campus | Gardens Point, |

Units

| | |
|--------------|---|
| | EXCHANGE and External |
| Availability | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

Managing High-Performance Organisations helps to consolidate student learning gained across their programme of study, extend their critical thinking through application and support their transition from study into work. The unit connects student learning with the real world experience by addressing practical implementation of current practices adopted by successful high-performance organisations worldwide. Students are provided with an opportunity to broaden their management skills within the context of high-performance organisations by engaging with the relationship between people management and general management issues and processes.

MGN434 Organising and Leading Projects

| | |
|---------------|---------------------------------|
| Credit Points | 12 |
| Campus | Gardens Point |
| Availability | Gardens Point - SEM-1 |

This unit builds on foundational management knowledge and skills to introduce project management theories, tools and techniques relevant in real-world business contexts. The unit focuses on developing practical experiences as a project manager using project planning tools and MS project software to complete a project plan and advise a client on leading a project of change.

MGN435 Innovation in Practice

| | |
|---------------|--|
| Credit Points | 12 |
| Campus | Gardens Point |
| Availability | Gardens Point - SEM-1, SEM-2 |

Fostering an innovation culture and developing innovation capabilities are fast becoming strategic imperatives for many organisations in order to keep up with the pace of change. Whether adopting a first-to-market or fast follower approach, organisations are recognising the importance of increasing maturity levels in capability to respond to market changes and disruption to their existing business. This unit is designed to equip students with the skills and techniques not only to identify and develop disruptive ideas but to also facilitate the process. Participating in real-world practices, students will gain multifaceted expertise that will allow them to consult to businesses in innovation ventures.

MGN440 HRM Theory and Practice

| | |
|-----------------|---|
| Anti-requisites | MGN427 |
| Equivalent | MGX440 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availability | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit examines the interplay between human resource management policies and processes and their

contribution to sustainable competitive advantage and organisational effectiveness. HRM is considered from stakeholder, strategic and functional perspectives. The unit fosters discipline knowledge, analytical and action orientated competencies and prepares students for advanced study in the field. This unit will provide you with a highly integrated understanding of the interplay between organisational effectiveness, long-term sustainability, and the management and organisation of people in the workplace. This unit is the foundation unit in HRM in the MBus (HRM) and related courses. It overviews the profession of HRM and the practice of the HR Professional in the organisation.

MGN441 Leadership and Executive Coaching

| | |
|-----------------|--|
| Anti-requisites | GSN620, GSN621, GSZ620, GSZ621 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availability | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

One-to-one executive coaching has emerged as a popular and powerful intervention for improving the performance and satisfaction of individual executives. More recently, its use has been expanded into a variety of related organisational interventions. Human resource professionals are often responsible for making decisions about how coaching is used in organisations.

particularly in relation to leadership development. This unit will equip students with expertise in understanding how leadership and executive coaching intersect in organisations. It will cover the theoretical foundations and models of evidence-based executive coaching, give opportunities to acquire and practice foundational coaching skills, as well as provide feedback for self-development.

MGN442 Self Leadership

| | |
|-----------------|---|
| Anti-requisites | BSN201, GSN620, GSN621, GSZ620, GSZ621 |
| Credit Points | 12 |
| Campus | Online, Gardens Point, EXCHANGE and External |
| Availabilities | Online - SEM-1, SEM-2, SUM-1 External - XCH-1, XCH-2 |

In today's contemporary business environment, professionals need to be empowered to manage their own development and growth. Rather than relying on an organisation or manager to make organisational life meaningful and effective, positive self-leadership training is focused on how an individual can foster change in his or her own personal and work life.

MGN443 Talent Management

| | |
|-----------------|--|
| Anti-requisites | MGN429 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Australia's growing skills shortage and the prospect of an ageing workforce threaten the sustainability, productivity and growth of many industry sectors. These pressures have made talent management a strategic priority for many organisations. At its heart, talent management is simply a matter of anticipating the need for human capital and then developing a plan to meet it. However, the adaptive capacity of traditional workforce planning methods appears inadequate for today's uncertain business environment. This unit examines talent management as an alternative to traditional HR planning practices. It focuses on developing both a theoretical framework to guide talent management initiatives and applied skills (e.g. identification of critical roles, workforce analysis) required to develop a talent management plan.

MGN444 Business in Asia

| | |
|----------------|---------------------------------|
| Equivalent s | MGX444 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Business professionals need to be able to operate effectively in different regions of the global economy. The business environments within Asia have significant shared features as a consequence of both past and recent political, economic and social developments but have been experienced differentially. The substantial size and global

impact of the Asian economy demands that anyone pursuing a career in business or public policy pertaining to business should develop a thorough understanding of the Asian business environment. This unit exists to inform future business professionals about business environments, how to identify risks and, from a hands-on perspective, learn best practices to address such risks within countries of this region.

MGN445 Business in Europe

| | |
|----------------|--|
| Equivalent s | MGX445 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit enables a more intensive study of business and markets in Europe. The development of major industries will be examined, together with intra-regional patterns of trade, commerce and finance. A particular focus will be on the development and fragmentation 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 issues governing market access. Students will be required to undertake a project which requires the application of knowledge of the region to a business issue.

MGN446 Business in Australia

| | |
|----------------|---|
| Equivalent s | MGX446 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM |

This unit presents students new to Australia with an introduction to the Australian business environment and Australian industries that will be of practical use for both studying and conducting business in Australia. The curriculum in this unit is designed for INTERNATIONAL STUDENTS to facilitate a critical knowledge of Australian culture(s), including Indigenous cultures, the external forces and institutional dynamics that shape Australian businesses and the challenges that managers must address within them.

MGN447 Managing in a Globalised Economy

| | |
|----------------|---|
| Equivalent s | MGX447 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - SEM-1, SEM-2, XCH-1, XCH-2 |

Students entering the program, particularly those entering with a non-business background or non-international business background, need a grounding in how the conduct of business operating in the global economy is distinct from that of domestic business. The additional complexity of

international business operations is both one of degree as well as one of context. Business must operate in diverse foreign environments and engage in specialised types of transactions. To succeed in international business requires functional understanding of the threats and opportunities arising from the diversity of markets and the growth of globalisation, the nature and role of business operations in the international value chain and the management and control of international business operations.

MGN448 Negotiating Across Borders

| | |
|-----------------|---|
| Anti-requisites | GSN462 |
| Equivalent s | MGX448 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

In the contemporary global business environment, negotiators who understand how culture affects negotiating processes and outcomes have a decided advantage at the bargaining table. The purpose of this unit is to help you understand and apply the theory and processes of negotiation.

MGN505 Consulting and Change Management

| | |
|--------------|--------|
| Equivalent s | MGZ505 |
| Credit | 12 |

| | |
|----------------|--|
| Points | |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

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, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit is designed to familiarise Masters and Honours students with significant current and future issues affecting management of Human Resources in organisations. Contemporary trends and issues impacting and influencing Human Resource Management (HRM) are examined and discussed. The unit begins with a current and future search of issues impacting on HRM. Consequently, the unit content may vary each semester according to which issues are identified as significant at the

time.

MGN509 HRM Project 1

| | |
|-------------------|---------------------------------------|
| Other requisites | Subject to Unit Coordinator approval. |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit provides the opportunity for students to undertake an approved project to develop and enhance learning associated with the coursework elements of human resource management.

MGN510 HRM Project 2

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

This unit involves a structured course of study focusing on a selected topic or set of topics which you have identified as significant to your professional development in the HRM discipline. The primary purpose of the unit is to augment or extend your professional knowledge beyond classroom instruction, to develop applied research skills, to integrate learning with work, and provide an opportunity for self directed learning. In order to achieve these purposes, you will develop an individually tailored learning contract. The specific program of study will be developed in conjunction with and approved by the Unit Coordinator.

MGN534 Contemporary Issues in Entrepreneurship

| | |
|-----------------|---------------------------------|
| Anti-requisites | MGN428 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

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.

MXB100 Introductory Calculus and Algebra

| | |
|-----------------|---|
| Anti-requisites | MAB125,MZB125 |
| Equivalent s | MAB100,MAB120,MAB180 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit builds on high school calculus by exploring derivatives, integrals and differential equations. It also introduces the basic theory of matrices, vectors and complex

numbers. The ability to apply these concepts and techniques, and express real-world problems in mathematical language, is essential in quantitative fields such as science, business and technology. This is an introductory unit, which attempts to establish foundational skills that you will extend in subsequent discipline-specific units. This unit is particularly intended for students whose mathematics preparation does not include Queensland Senior Mathematics C or an equivalent.

MXB101 Probability and Stochastic Modelling 1

| | |
|----------------|--|
| Equivalent s | MAB210 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit provides you with an introduction to probability and shows you how to apply its concepts to solve practical problems. The unit will lay the foundations for further studies in statistics, operations research and other areas of mathematics and help you to develop your problem-solving and modelling skills. The topics covered include: basic probability rules, conditional probability and independence, discrete and continuous random variables, bivariate distributions, central limit theorem, goodness-of-fit tests, introduction to Markov chains.

MXB102 Abstract Mathematical Reasoning

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

Mathematics is, at its heart, axiomatic: each new mathematical statement follows logically from previous statements, and ultimately derives from the axiomatic foundations. This unit establishes the foundations of abstract mathematical reasoning, introducing the view of mathematics as axiomatic and emphasising the role of proof in mathematics. Fundamental concepts and tools including logic and sets, number systems, sequences and series, limits and continuity are covered. The tools established in this unit will serve as a foundation throughout your mathematics studies.

MXB103 Introductory Computational Mathematics

| | |
|----------------|---------------------------------|
| Equivalent s | MAB220 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Many real world phenomena are modelled by mathematical models whose solutions cannot be found analytically. To solve these problems in practice, it is necessary to develop computational methods,

algorithms and computer code. This unit will introduce you to numerical methods for addressing fundamental problems in computational mathematics such as solving nonlinear ordinary differential equations, finding roots of nonlinear functions, constructing interpolating polynomials of data sets, computing derivatives and integrals numerically and solving linear systems of equations. This is an introductory unit providing fundamental skills in computational mathematics and their practical implementation using relevant computational software. This unit will be essential throughout the remaining parts of your degree. MXB226 Computational Methods 1 builds on this unit by extending your computational and programming skills to more challenging problems and more sophisticated algorithms.

MXB105 Calculus and Differential Equations

| | |
|-----------------|---|
| Anti-requisites | PVB201, PVB200 |
| Equivalent s | MAB121 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1 |

Calculus and differential equations are used ubiquitously throughout mathematics, statistics and operations research. In this unit, you will build upon the foundations of calculus

established in high school or in earlier university mathematics study, to greatly enhance your repertoire of theory and practice in these areas. The application of calculus and differential equations in the description and modelling of real-world problems will also be considered. This unit will extend your problem-solving skills, range of knowledge and use of techniques in differential and integral calculus. These theoretical concepts and their applications will be pursued further in MXB202 Advanced Linear Calculus.

MXB106 Linear Algebra

| | |
|-----------------|--|
| Anti-requisites | PVB202 |
| Equivalent s | MAB112, MAB122, MAB132 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit introduces you to university level linear algebra and ordinary differential equations. Linear algebra, assumed knowledge for this unit, is extended with you investigating non-square linear systems of equations and the Eigenvalue problem. Differential equations, also assumed knowledge for the unit, are investigated in more detail including exposure to second order equations. This unit builds fundamental skills for you to transition to second year units and the Majors of the Bachelor of Mathematics, including applications of

interest in each major area of study.

MXB107 Introduction to Statistical Modelling

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

Statistical modelling provides methods for analysing data to gain insight into real-world problems. The aim of this unit is to introduce a wide range of fundamental statistical modelling and data analysis techniques, and demonstrate the role they play in drawing inferences in real-world problems. This unit is designed around the exploration of contemporary and important issues through the analysis of real data sets, while simultaneously and necessarily building your statistical modelling expertise. You will learn how to propose research questions, analyse real data sets to attempt to answer these questions, and draw inferences and conclusions based on your findings. The importance of ethical considerations when dealing with real data sets will be emphasised. The R programming language will be introduced, and you will gain experience and build your expertise in using this industry-leading software to conduct statistical analyses.

MXB161 Computational Explorations

| | |
|------|----------------------------|
| Pre- | Admission to (MS01 or IX30 |
|------|----------------------------|

| | |
|----------------|---|
| requisites | or SE20 or SE30 or SE40 or SE70 or ID28) or 48 credit points of study in current course |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit introduces you to techniques of computation and simulation across a range of application areas in Science, Technology, Engineering and Mathematics (STEM). Computation and simulation are cornerstones of modern practice across STEM; practitioners skilled in these areas can explore behaviours of real-world systems that would be impractical or impossible to undertake using only theoretical or experimental means. In this introductory unit, you will develop your computation and simulation skills through individual and collaborative problem-solving activities. Further exploration is available through the faculty-wide second major or minor in Computational and Simulation Science.

MXB201 Advanced Linear Algebra

| | |
|----------------|--|
| Pre-requisites | MXB102 and MXB106 |
| Equivalent s | MAB312 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

The main aim of this unit,

which is intended for students majoring in mathematics and students in other courses who require the foundations of linear algebra, is to develop the theory of linear algebra and to provide you with the necessary skills to apply this theory in science, technology, engineering and mathematics. It seeks to foster an appreciation of the historical development and the value of the principles and methods presented. You will also be well prepared for later studies in computational mathematics.

MXB202 Advanced Calculus

| | |
|----------------|--|
| Pre-requisites | MXB105 and MXB106 |
| Equivalent s | MAB311 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Advanced calculus is fundamental to the study of applied mathematics and related quantitative disciplines such as physics, physical chemistry and engineering. This unit introduces you to new skills and methodologies in multivariable and vector calculus that are essential to the study of science, technology and engineering, and it also provides you with the necessary background to go on to more advanced study in applied mathematics, such as partial differential equations and advanced mathematical modelling. This unit builds on your introductory calculus and

linear algebra skills developed in MXB105 Calculus and Differential Equations and MXB106 Linear Algebra, and will further develop your ability to decompose complex problems into smaller components, resolve these smaller components and hence solve the original problem.

MXB225 Modelling with Differential Equations 1

| | |
|----------------|---------------------------------|
| Pre-requisites | MXB105 |
| Equivalent s | MAB413, MXB221 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit builds on your earlier studies of differential equations to consider how such models are constructed, how to obtain analytical solutions to these equations, and how to analyse and interpret the dynamical and long-term behaviour of such models to gain insight into real-world processes.

MXB226 Computational Methods 1

| | |
|----------------|---|
| Pre-requisites | MXB103 and MXB201 |
| Equivalent s | MAB420, MXB222 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-2 |

This is a foundational unit for Computational Mathematics. It introduces the design and implementation of mathematical models that can

then be solved using techniques in Computational Mathematics. These techniques will be analysed for important properties such as efficiency, stability, convergence and error. The main topics that will be covered include: finite difference methods for models of heat diffusion in two dimensions; direct and iterative methods for linear systems; efficient storage of data; approximation; numerical integration; numerical methods for ordinary differential equations.

MXB232 Introduction to Operations Research

| | |
|----------------|--|
| Pre-requisites | MXB106 |
| Equivalent s | MAB315 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Operations research (OR) techniques are used in industries that apply scientific methods in decision making, especially for the allocation of limited resources. These industries need graduates who can apply techniques from mathematical modelling, statistical analysis, and mathematical optimization to decide how to best solve a particular problem using appropriate computer software packages. Building on earlier studies in mathematical modelling, this unit develops a number of basic OR techniques to solve generic

problems and studies the theoretical foundations of these techniques. You will learn to apply various OR methods, algorithms and techniques in the solution of practical, real-world problems. This unit leads to study of more advanced OR problem solving techniques in 3rd year. Topics covered include: The general nature of OR, fundamentals of linear programming, network analysis, project scheduling, transportation problems, transshipment problems and assignment problems.

MXB241 Probability and Stochastic Modelling 2

| | |
|----------------|--|
| Pre-requisites | MXB101 and MXB105 |
| Equivalent s | MAB314 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

It is important to develop skills and knowledge in both statistics and mathematics. Building on the methodology and skills developed in previous studies in probability and stochastic modelling, this unit provides you with formal statistical tools such as stochastic process models and statistical methods for theoretical and applied development. These methods are useful in a wide range of areas, from communication systems and networks to traffic to law to biology to financial analysis, and link with other modern areas of

mathematics. This unit will provide opportunities to learn how to build statistical models of real world processes, acknowledging the assumptions inherent in selected models. The skills developed in this unit will be integral in the understanding of material throughout your studies in statistics and mathematical modelling.

MXB242 Regression and Design

| | |
|----------------|--|
| Pre-requisites | MXB107 |
| Equivalent s | MAB414 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit is intended for students who have completed foundation studies in statistics and who wish to develop further skills in applied information analysis. Its exploration of regression, including consideration of covariates, model selection, sampling theory and experimental design will be of interest to students undertaking the mathematics course as well as students in other disciplines who need to quantitatively summarise and analyse data and/or collect data through controlled experiments. The focus is on the application of the theoretical building blocks that are constructed as part of the unit and this is enhanced by the introduction to and extensive use of mathematical

and statistical software packages such as the R-package. The unit leads to further study for students who wish to obtain a strong background in applied information analysis.

MXB261 Modelling and Simulation Science

| | |
|----------------|--|
| Equivalent s | INB360, MAB480 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

With the rapid development in both computing hardware and its application to advanced scientific problems that require computational solutions, there is a need for IT, Maths and Science students to have a practical understanding of Computational and Simulation Science. This unit aims to provide you with the knowledge to apply computational simulation techniques in a selection of application areas where the scientific problems are characterised by widely varying scales, both in space and time. You will use relevant programming softwares to develop and implement simulation algorithms together with analysis of resulting data using multi-dimensional visualisation techniques. You can further develop visualisation skills through units MXB262 Visualising Data and MXB362 Advanced Visualisation and Data Science, as well as extending your knowledge of

computational science through the unit MXB361 Aspects of Computational Science.

MXB262 Visualising Data

| | |
|----------------|--|
| Pre-requisites | MXB161 or MXB261 or MZB126 |
| Equivalent s | MAB481 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit introduces students to data visualisation concepts and techniques, along with practical experience in the use of modern day data visualisation software tools to allow students to explore complex systems and dynamically visualise simulations. These skills can be developed further in a later semester through an advanced visualisation unit (MXB362 Advanced Visualisation and Data Science).

MXB321 Applied Transport Theory

| | |
|----------------|--|
| Pre-requisites | MXB202 or MAB311 |
| Co-requisites | MXB322 |
| Equivalent s | MAB521 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Applied Transport Theory is the study of the exchange of mass, momentum and energy in physical systems. An

understanding of the equations that govern these transport phenomena is fundamental to understanding how the physical world behaves. This unit builds upon knowledge you will have developed in studies of advanced calculus. You will learn how to derive equations from fundamental conservation laws and develop an understanding of the commonality between the equations. Furthermore, in deriving analytical solution techniques for these equations you will develop further skills in calculus and differential equations. Completion of this unit will prepare you for the final semester capstone project.

MXB322 Partial Differential Equations

| | |
|----------------|--|
| Pre-requisites | MXB221 or MAB413 |
| Equivalent s | MAB613 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Previously you have discovered the power of differential equations for modelling real world processes. In this unit you will extend your capabilities to problems that simultaneously exhibit both spatial and temporal variation. Such problems can be described by partial differential equations. You will learn a variety of analytical solution techniques for these equations,

which bring together many of the skills you have learned in earlier study of advanced calculus and ordinary differential equations. You will also learn the techniques of Fourier and complex analysis, which have applications far beyond the realm of differential equations.

MXB323 Dynamical Systems

| | |
|----------------|--|
| Pre-requisites | MXB221 or MAB413 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Dynamical Systems is a term used to represent the analysis of time-varying systems. Such systems exhibit a variety of behaviours including exponential approaches to equilibrium states, periodic or oscillatory solutions, or unpredictable chaotic responses to simple inputs. The study of dynamical systems employs topological and function space concepts to provide the analytic structure to systems of nonlinear and linear ordinary differential equations, and as such forms the basis for the mathematical interpretation and understanding of numerous real-world systems. This unit is an exploration of the more technical aspects of the theory of solutions to systems of ordinary differential equations and as such builds on your prior understanding of such equations as done in, for instance, MXB221 Ordinary Differential Equations and

MXB225 Modelling with Differential? Equations, while providing the support for the exploration of an exciting area of modern mathematics.

MXB324 Computational Fluid Dynamics

| | |
|-----------------|---------------------------------|
| Pre-requisites | MXB222 or MAB420 |
| Anti-requisites | EGB324 |
| Equivalent s | MAB522 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This capstone unit provides you with the opportunity to apply your knowledge and skills in applied and computational mathematics to simulate complex real-world problems. You will be presented with several real-world case studies, which will involve model formulation, examining the impact of varying model parameters, and formulating and presenting recommendations for the best course of action to take based on model predictions. Your previous learning in deriving and solving partial differential equations that describe transport phenomena will be extended to include numerical methods of solution. Combined with the computational expertise you have acquired over your degree, you will be able to formulate and solve these complex mathematical models using MATLAB.

MXB332 Optimisation Modelling

| | |
|------|------------------|
| Pre- | MXB232 or MAB315 |
|------|------------------|

Units

| | |
|----------------|--|
| requisites | |
| Equivalent s | MAB525 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Operations research techniques are used in numerous industries and are critical for decision making. These industries need graduates who can apply techniques of mathematical modelling, statistical analysis, mathematical optimization and simulation and can implement these techniques using appropriate computer software packages. This unit will build upon the content of MXB232 by introducing more advanced "intermediate" level operations research methods and techniques. The topics addressed in this subject are vital in this field and are critical for advanced applications and studies in this field. Topics covered include: model building in mathematical programming, modelling language - OPL, integer programming and branch-and-bound method, introduction to inventory theory, dynamic programming; and computer solutions of advanced linear programming problems and their analysis.

MXB334 Operations Research for Stochastic Processes

| | |
|----------------|--------|
| Pre-requisites | MXB332 |
| Equivalent s | MAB625 |

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

This capstone unit provides you with the opportunity to apply your knowledge and skills in operations research to guide decision-making for complex real-world problems. You will be presented with several real-world case studies, which will involve defining the context, formulating the decision model, solving the model to determine optimal solutions, and performing sensitivity analysis. You will present recommendations for the best course of action to take based on your decision model to industry partners. Your previous learning in deriving and solving operations research problems in complex stochastic systems will be extended to include numerical solution. Combined with the operations research expertise you have acquired over your degree, you will be able to formulate and solve these complex decision problems using computational tools.

MXB335 Advanced Optimisation Modelling

| | |
|----------------|--|
| Pre-requisites | MXB232 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Operations research techniques are used in

numerous industries and are critical for solving the complex decision problems that companies face. Production planning and scheduling optimisation in particular are some of the most challenging and useful application areas of operations research. This unit leverages core concepts of optimisation modelling introduced in earlier units, and introduces students to development and implementation of bespoke algorithms to solve challenging problems.

MXB341 Statistical Inference

| | |
|----------------|--|
| Pre-requisites | MXB241 or MAB314 |
| Equivalent s | MAB524 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit introduces advanced statistical inference techniques that are important tools in describing data and developing models. Indeed, such methods are essential when drawing conclusions from a data generation process that is subject to random variability. The theoretical and computational inferential methodology will be developed through software packages such as MATLAB and the R-package. This unit provides the statistical basis for the honours and postgraduate units in statistics.

MXB342 Statistical Techniques

| | |
|----------------|--|
| Pre-requisites | (MXB101 or MAB210) and (MXB242 or MAB414) |
| Equivalent s | MAB533 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

In an information society there is an increasing range and variety of workplaces in which data and statistical analyses are important in enabling good management and decision-making. This unit will introduce a range of statistical techniques in usage in a variety of disciplines including how to plan experiments, how to model survival data and also how to manage large data sets. This will provide you with the skills to analyse data sets from a variety of areas in industry and government, such as health science and marketing research, and to also critically evaluate procedures, methods and inferences. You will be exposed to a range of computing packages such as MATLAB and the R-package.

MXB343 Modelling Dependent Data

| | |
|----------------|--|
| Pre-requisites | (MXB242 or MAB414) and (MXB341 or MAB524) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

In many studies, observations

can be correlated. For example, we often see temporal lingering effects over time in time series, or genetic effects in litters or repeated measures from patients in medical trials. This unit is about using statistical methodology to achieve efficient inference that appropriately takes into account dependencies in such datasets. Many examples and analysis using software such as R packages are involved.

MXB344 Generalised Linear Models

| | |
|----------------|--|
| Pre-requisites | MXB242 |
| Equivalent s | MAB624 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This capstone unit for the Statistics major provides methods for investigating relationships between variables that arise in data from a variety of areas including science, technology and commerce. You will partake in independent and guided learning exercises, culminating in a project with an industry partner, to tackle common challenges encountered in applied data analysis. Technical skills in modelling and analysis of continuous, binary, count and categorical data will be developed in addition to software skills for their implementation. In conjunction with this, project management,

teamwork and communication skills will also be developed and applied to solve a real world problem for the industry partner. The learning outcomes for MXB344 are critical for future studies of statistics and in present day roles of data science in industry and government.

MXB361 Aspects of Computational Science

| | |
|----------------|---------------------------------|
| Pre-requisites | MXB261 or MXB262 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit comprises a number of computational science modules from a variety of disciplines within the Science and Engineering Faculty. It allows students to develop computational techniques applied to a selection of application areas such as computational statistics, computational chemistry, computational physics, computational biology, environmental science and machine-learning. This unit further develops your skills in computational problem-solving, building on work that may have been previously undertaken in MXB161 "Computational Explorations", MXB261 "Modelling and Simulation Science", and MXB262 "Visualising Data".

MXB362 Advanced Visualisation and Data Science

| | |
|----------------|--------|
| Pre-requisites | MXB262 |
| Equivalent | MAB681 |

Units

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

Data visualisation is an essential element of modern computational and data science. It provides powerful tools for investigating, understanding, and communicating the large amounts of data that can be generated by computational simulations, scientific instruments, remote sensing, or the Internet of Things. The aim of this unit is to explore the issues, theories, and techniques of advanced data visualisation. This unit develops theoretical and practical understandings of the major directions and issues that confront the field. A selected number of advanced data visualisation techniques will be examined in detail through specific examples. The practicals will reinforce lecture content and extend your applied skills and knowledge in data visualisation, including specific methods. A focus of the unit is the development of real world data visualisation skills and experience, based on a major data visualisation case study.

MXB371 Research Project 1

| | |
|-------------------|---|
| Equivalent s | MAB687-1, MXB381-1 |
| Other requisites | Unit coordinator approval and a minimum GPA of 5.5 in the Bachelor of Mathematics |
| Assumed Knowledge | null |
| Credit | 12 |

| | |
|----------------|--|
| Points | |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit provides you with an opportunity to undertake a research project under the supervision of an academic staff member and optionally an industry partner. You will apply your mathematical and statistical training to contribute to the advancement of knowledge in a problem of contemporary and/or industrial interest. This unit provides an excellent preparation for, and introduction to, the type of research undertaken in Honours and Higher Degree Research studies. The research project can be a self-contained 12 credit point project, or you can undertake a 24 credit point research project by concurrently or subsequently enrolling in MXB372 Research Project 2.

MXB372 Research Project 2

| | |
|----------------|---|
| Pre-requisites | MXB371. MXB371 can be studied in the same teaching period as MXB372 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit provides you with an opportunity to undertake a 24 credit point research project under the supervision of either an academic staff member and optionally an industry partner. You will apply your mathematical and statistical training to contribute to the advancement of knowledge in a problem of contemporary and/or industrial interest. This

unit provides an excellent preparation for, and introduction to, the type of research undertaken in Honours and Higher Degree Research studies. To undertake a 24 credit point research project you must have completed or be concurrently enrolled in MXB371 Research Project 1.

MXB381 Research Project

| | |
|----------------|---|
| Pre-requisites | MXB381-1, MXB381-1 can be studied in the same teaching period as MXB381-2 |
| Equivalent s | MAB687-2 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit provides you with an opportunity to undertake a research project under the supervision of either an academic staff member or an industry partner (or both). You will apply your mathematical and statistical training to contribute to the advancement of knowledge in a problem of contemporary and/or industrial interest. This unit provides an excellent preparation for, and introduction to, the type of research undertaken in Honours and Higher Degree Research studies.

MXN400 Mathematical Research Training

| | |
|----------------|--|
| Co-requisites | MXN404-1 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit provides research training to support the development and execution of a research project in the mathematical sciences. You will apply the mathematical research and communication skills that you acquire in this unit to your MXN404 Honours Research Project by submitting a written progress report and presenting an oral seminar that motivates and introduces your research project, presents your research methodology, discusses your current progress and outlines planned future work. This represents an important milestone of your Bachelor of Mathematics (Honours) degree and the feedback you receive will impact positively on the quality of your thesis and final seminar, which will be developed and completed in the MXN404 Honours Research Project units.

MXN401 Minor Project

| | |
|-------------------|---|
| Other requisites | Unit Coordinator approval is required to enrol. |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit is designed to provide you with the opportunity to undertake a minor research project under the guidance of an academic supervisor in a discipline related to your area of mathematical interest. This unit will develop your skills in problem solving, critical thinking, written and oral communication, research and

project management. You will present your research project in the form of a written report and oral presentation at the end of semester. Permission to enrol in this unit must be obtained from the Unit Coordinator.

MXN402 AMSI Unit 1

| | |
|-------------------|---|
| Other requisites | Unit Coordinator approval is required to enrol. |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit is designed to provide you with access to external Honours coursework units delivered by other Australian universities. These units are administered by the Australian Mathematical Sciences Institute (AMSI) either online via the Advanced Collaborative Environment (ACE) or face-to-face via the AMSI Summer School. This advanced level unit provides you with the opportunity to acquire knowledge and skills in a specialised topic in the mathematical sciences that is not covered in another QUT Bachelor of Mathematics (Honours) coursework unit. Permission to enrol in this unit must be obtained from the Unit Coordinator.

MXN403 AMSI Unit 2

| | |
|-------------------|---|
| Other requisites | Unit Coordinator approval is required to enrol. |
| Assumed Knowledge | null |
| Credit Points | 12 |
| Campus | Gardens Point |

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

This unit is designed to provide you with access to external Honours coursework units delivered by other Australian universities. These units are administered by the Australian Mathematical Sciences Institute (AMSI) either online via the Advanced Collaborative Environment (ACE) or face-to-face via the AMSI Summer School. This advanced level unit provides you with the opportunity to acquire knowledge and skills in a specialised topic in the mathematical sciences that is not covered in another QUT Bachelor of Mathematics (Honours) coursework unit. Permission to enrol in this unit must be obtained from the Unit Coordinator.

MXN404 Honours Research Project 3

| | |
|----------------|--|
| Pre-requisites | MXN404-2. MXN404-2 can be enrolled in the same teaching period |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit forms part of the 36 credit point MXN404 Honours Research Project unit, which represents the capstone unit for the Bachelor of Mathematics (Honours) degree. The suite of MXN404 units draws together the knowledge and skills you have acquired from MXN400 Mathematical Research Training and your chosen advanced coursework units to design, plan and execute a

mathematical research project under the guidance of an academic supervisor. This unit will develop your skills in mathematical research, problem solving, critical thinking, written and oral communication, and project management preparing you for a career in industry or for further Higher Degree Research studies. You will complete and submit your research project at the end of MXN404-3 by preparing a thesis and delivering a seminar to a mathematically-diverse audience.

MXN404 Honours Research Project 2

| | |
|----------------|--|
| Pre-requisites | MXN404-1. MXN404-1 can be enrolled at the same teaching period |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit forms part of the 36 credit point MXN404 Honours Research Project unit, which represents the capstone unit for the Bachelor of Mathematics (Honours) degree. The suite of MXN404 units draws together the knowledge and skills you have acquired from MXN400 Mathematical Research Training and your chosen advanced coursework units to design, plan and execute a mathematical research project under the guidance of an academic supervisor. This unit will develop your skills in mathematical research, problem solving, critical thinking, written and oral

communication, and project management preparing you for a career in industry or for further Higher Degree Research studies. You will complete and submit your research project at the end of MXN404-3 by preparing a thesis and delivering a seminar to a mathematically-diverse audience.

MXN404 Honours Research Project 1

| | |
|----------------|--|
| Co-requisites | MXN400 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit forms part of the 36 credit point MXN404 Honours Research Project unit, which represents the capstone unit for the Bachelor of Mathematics (Honours) degree. The suite of MXN404 units draws together the knowledge and skills you have acquired from MXN400 Mathematical Research Training and your chosen advanced coursework units to design, plan and execute a mathematical research project under the guidance of an academic supervisor. This unit will develop your skills in mathematical research, problem solving, critical thinking, written and oral communication, and project management preparing you for a career in industry or for further Higher Degree Research studies. You will complete and submit your research project at the end of MXN404-3 by preparing a

thesis and delivering a seminar to a mathematically-diverse audience.

MXN421 Advanced Computational Mathematics

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

This unit enables you to develop advanced knowledge and skills in computational techniques for solving complex real-world problems. The unit focusses on the theoretical derivation of modern computational techniques and algorithms and their practical implementation in numerical computing environments such as MATLAB. The unit content will build upon knowledge you have developed in previous studies of numerical linear algebra and computational mathematics. This advanced unit is also designed to complement a research project in applied and/or computational mathematics and aims to prepare you for a career in industry or for further research training.

MXN422 Numerical Methods for Fractional Partial Differential Equations

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

Due to the non-local property of fractional order operators, fractional calculus has had growing success in the description of complex systems

associated with temporal memory and spatial heterogeneity. Fractional calculus allows the description of memory effects and anomalous diffusion in viscoelastic non-Newtonian fluids and in porous media. It is also used for experimentally mapping tissue microstructural properties. This unit will develop advanced knowledge and skills in computational techniques for solving complex fractional dynamical systems. Numerical solutions of the fractional models will be implemented using selected techniques from finite difference, finite element, finite volume, meshless and/or spectral methods. This unit is designed to complement a research project in applied and/or computational mathematics and prepare you for further research studies at Masters or PhD level.

MXN423 Advanced Mathematical Modelling

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

This unit provides a framework for you to undertake advanced level coursework in mathematical modelling and enables you to acquire advanced knowledge and skills in problem formulation, problem solving, critical thinking, and written and oral communication in an advanced mathematical modelling context. It links to studies in applied mathematics and modelling work previously

undertaken in an undergraduate mathematics degree and can link forwards to the kind of mathematical modelling employed in the workplace and in academic research. This advanced unit is also designed to complement a research project in applied and/or computational mathematics and will prepare you for further research training or a career in industry.

MXN424 Advanced Applied Analysis

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

This unit provides a framework for you to undertake advanced level coursework in applied analysis. It will provide you with a sound understanding and appreciation of a range of advanced theories, concepts and techniques selected from areas such as asymptotic analysis, perturbation theory, functional analysis and complex analysis. You will gain expertise in problem formulation, problem solving, critical thinking and written communication. This advanced unit builds upon the analysis work previously undertaken in an undergraduate mathematics degree, such as differential equations and linear algebra. It is also designed to complement a research project in applied and/or computational mathematics and prepare you for further research studies at Masters or PhD level.

MXN431 Advanced Operations Research

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

This unit develops advanced knowledge, skills and application in operations research. During this unit, you will acquire advanced knowledge on how to adapt and implement general optimisation algorithms and meta-heuristics for operations research problems that arise in practical settings. Application contexts include manufacturing and supply chains; transportation and engineering; rostering and planning; and ecological and natural resource management. This advanced unit is also designed to complement a research project in operations research and aims to prepare you for a career in industry or for further research training.

MXN442 Modern Statistical Computing Techniques

| | |
|----------------|---------------------------------|
| Pre-requisites | MXN601 or admission to MS10 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit is intended to provide you with skills in advanced computational methods used in evaluating complex and computationally intractable problems. This includes Monte Carlo based methods for sampling from distributions which are difficult to sample from directly, advanced

optimisation techniques, and approximate likelihood methods. The unit is also oriented to enable you to proceed to a variety of workplaces, or to further professional development, or to research.

MXN500 Statistical Data Analysis

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

The unit will also help students develop fundamental problem-solving skills in statistics and mathematics.

MXN501 Stochastic Modelling

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

This unit introduces probability and shows you how to apply its concepts to solve practical problems. The unit will lay the foundations for further studies in probability, statistics and other areas of mathematics and help you to develop your problem-solving and modelling skills. The topics covered include: basic probability rules, conditional probability and independence, discrete and continuous random variables, bivariate distributions, Markov chains and Poisson processes. This unit is appropriate for those requiring an introduction to, or a refresher in, probability. The concepts in this unit will be extended in MXN601.

MXN600 Advanced Statistical Data Analysis

| | |
|----------------|---------------------------------|
| Pre-requisites | MXN500 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This advanced statistics unit will introduce modern statistical methods of data analytics that are frequently used in industry and government to solve real-world problems. It introduces modelling techniques that can be used when it is unreasonable to assume the data are continuous random variables from a normal distribution and/or that the expected value of the random variable can be modelled as a linear combination of regression parameters. This is a Masters level unit, and the knowledge and skills developed in this unit are relevant to those studying advanced data analytics. Further studies in data analytics and data science will most likely build on this unit by extending your analytical skills through industry or research-based projects.

MXN601 Advanced Stochastic Modelling

| | |
|----------------|---------------------------------|
| Pre-requisites | MXN501 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit provides a foundation for your future development whether as a data science user or as a data scientist.

MZB101 Modelling with Introductory Calculus

| | |
|----------------|--|
| Equivalent s | MAB105 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit develops the learner's understanding of a range of foundational mathematical concepts related to number systems, algebra and calculus, including a range of additional function types. The development of these concepts is done in context through their application to a range of life-related problems, in particular the physical world. Throughout the unit, technology will play a prominent role in developing conceptual understanding and the solution of problems. The knowledge developed in this unit provides a foundation for the units MZB201 and MZB202.

MZB125 Introductory Engineering Mathematics

| | |
|-----------------|---|
| Anti-requisites | EGD125, MXB100 |
| Equivalent s | MAB125, MAB100, MAB120 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

This unit provides an introduction to foundational mathematical concepts that enable mathematical and

numerical problem solving in engineering disciplines. It prepares engineering students for their transition from high school to university, particularly those who have not studied Queensland Senior Mathematics C or equivalent. Major topics covered are elementary functions, their derivatives and integrals, the algebra of complex numbers, vectors and matrices, and an introduction to programming using relevant software. Mathematical techniques and problem solving skills are employed in a range of mathematical exercises and contextualised problems, illustrating how these concepts and techniques are used in real-world engineering systems.

MZB126 Engineering Computation

| | |
|-----------------|---|
| Pre-requisites | MZB125 or MXB161 |
| Anti-requisites | EGD126 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

MZB126 teaches foundational mathematics and programming for engineers, following on from what students learnt in either MZB125 or MXB161. Throughout the unit, students will learn three main topics: programming, ordinary differential equations and statistics. All topics are taught in a real-world context by providing problems that

emphasise critical thinking, analysis, interpretation and exposition, in applications across multiple disciplines in engineering. This gives students the necessary problem-solving skills heading into their chosen engineering discipline, where they will then learn discipline specific mathematics through embedded mathematics lectures.

MZB151 Mathematical Tools for Computing

| | |
|-----------------|--|
| Anti-requisites | MXB100, MZB101 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Many applications within Computer Science use standard mathematical methods as tools for analysing and processing information. This unit provides an introduction to some basic mathematical methods that will be useful to you in your further studies in Computer Science, including basic matrix and vector operations (storing and manipulating geometrical or other information), introductory probability and statistics (modelling random events) and basic concepts in differentiation and integration (modelling rates of change and accumulated quantities). By introducing the fundamental concepts underlying these methods and developing your skills in using these methods, the unit will provide a

foundation for later studies in computer science, in fields such as computer graphics, games design, machine learning, robotics, information retrieval and data mining.

NSB010 Introduction to Clinical Practice

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

This unit is at the beginning stage of study in nursing and is a work integrated learning unit. It develops students' knowledge and skills in a range of assessment techniques, including interviewing, observations, and physical examination. It focuses on the development of foundational knowledge and skills in the on-campus setting in preparation for the scope of practice needed to undertake practice in health care contexts. Students complete 80 hours of clinical practice. An understanding of the NMBA Registered Nurse Standards for Practice, National Health Priorities, and National Safety and Quality Health Service Standards is essential to nursing practice. The unit encourages critically analyse, reflect on and modify through your off-campus experiences. Course themes emphasised in this unit are evidence-based practice, scientific foundations of practice, person-centred care, health technology and health informatics, and interprofessional collaboration.

NSB016 Clinical Practice Capstone

| | |
|----------------|--|
| Pre-requisites | (Completion of 168cp of Nursing Units (NS%) inc NSB015 and Completion of 48cp of Life Sc units (LS%) and Completion of LWS101) or (PYB304 for HL47 students) |
| Equivalent s | NSB335 |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

Practice as a new graduate registered nurse requires the application of knowledge from nursing and related sciences to inform client care, a range of practice-based skills which include problem solving, evidence-based decision making, multi-modal communication and care co-ordination, and professional attitudes regarding the delivery of high quality nursing care in the health workplace. This is the final clinical practice unit and provides 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 nursing studies in nursing and inform your transition toward the registered nurse role. Students complete 320 hours of clinical practice.

NSB102 Professional Practice and Cultural Safety

| | |
|----------------|--------------------------------|
| Equivalent s | NSB018 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit focuses on establishing foundational nursing knowledge relating to the professional, ethical, social, and cultural dimensions of nursing practice that are developed further throughout the course. The unit introduces the legislative, policy, and regulatory frameworks that underpin a career in the nursing profession. It develops knowledge, skills, and attributes that are required for professional practice as a registered nurse. The unit is underpinned by the model of cultural safety, which provides a framework for professional practice that will be used to demonstrate person-centred care, using the principles of partnership, power sharing, and protection. These concepts are integrated throughout the course and specifically developed in units that address health assessment, Aboriginal and Torres Strait Islander peoples' health, mental health, and integrated practice. These concepts are also considered in the final semester unit *NSB305 Leading and Learning: Building professional practice*, as students are preparing to enter the profession as registered nurses. The course themes emphasised in this unit are **cultural safety** and **person-centred care**.

NSB103 Health Assessment

| | |
|----------------|--------------------------------|
| Equivalent s | NSD103 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit focuses on conducting a comprehensive and systematic health assessment that is safe, effective, evidence-based, and underpinned by a clinical decision-making framework. It develops knowledge and skills in a range of assessment techniques, including history taking and interviewing, observations, and physical examination. The unit is informed by the NMBA Registered Nurse Standards for Practice. It will include a nursing laboratory and observational experience. The course themes emphasised in this unit are person-centred care, scientific foundations of practice, and evidence-based practice.

NSB104 Leading and Learning

| | |
|----------------|--------------------------------|
| Equivalent s | NSD104 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit will focus on the registered nurse's role in applying the principles of leadership and management in healthcare environments. The role of the nurse leader in areas such as safety and quality in health care and person-centred care will be

explored. The concept of learner-leaders as a leadership approach to support a culture of continuous improvement and lifelong learning will be introduced. Principles of professional practice will also be integrated into the unit to understand the regulatory, legislative, and political contexts that influence nurses' leadership roles. The course themes emphasised in this unit are **evidence-based practice** and **global health**.

NSB105 Wellness Across the Lifespan

| | |
|----------------|--------------------------------|
| Equivalent s | NSD105 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit aims to develop knowledge, skills, and attributes for nurses to work in partnership with people to promote and maintain health across the lifespan. This unit focuses on developing students' understanding of the importance of communication, person-centred care, and partnerships in nursing practice, using wellness across the lifespan as an organising principle. The impact of social determinants of health and the role of health promotion strategies are explored. The importance of empathic communication skills in professional interactions is also a key focus. This knowledge is foundational to professional practice, and enables effective health assessment and clinical decision making. The course

theme emphasised in this unit is person-centred care. The unit connects with NSB102 Professional Practice and Cultural Safety and NSB103 Health Assessment, and links to NSB202 Aboriginal and Torres Strait Islander Peoples' Well-being.

NSB131 Integrated Nursing Practice 1 Off Campus

| | |
|----------------|--|
| Pre-requisites | NSB132. May be enrolled in the same teaching period as NSB131. |
| Equivalent s | NSB012 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit is a work integrated learning unit with students learning predominantly in off campus health care contexts. The unit is at the beginning stage of your course and builds on all preceding units. Students are expected to draw on knowledge and skills gained in previous units to develop their practice and will be actively encouraged to apply learning from those earlier units. The unit is a concurrent requisite of *NSB132 Integrated Nursing Practice 1 On Campus* unit to facilitate application of theory to practice. A thorough understanding of the NMBA Registered Nurse Standards for Practice, National Health Priorities, and National Safety and Quality Health Service Standards is essential to nursing practice.

NSB132 Integrated Nursing Practice 1 On Campus

| | |
|----------------|--------------------------------|
| Equivalent s | NSB021 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This beginning level unit aims to establish cognitive skills in clinical reasoning which inform provision of nursing practice. Nursing and Midwifery Board of Australia Registered Nurse Standards for Practice emphasised are: thinks critically and analyses nursing practice (ST1); engages in therapeutic and professional relationships (ST2); maintains the capability for practice (ST3); develops a plan for nursing practice (ST5); evaluates outcomes to inform nursing practice (ST7). National Safety and Quality Health Service Standards addressed at an introductory level are: preventing and controlling healthcare associated infections; medication safety; patient identification and procedure matching; clinical handover; preventing and managing pressure injuries; preventing falls and harm from falls. This unit directly links to subsequent Integrated Nursing Practice units. Course themes emphasised are: evidence-based practice, scientific foundations of practice, and person-centred care.

NSB202 Aboriginal and Torres Strait Islander Peoples' Well-being

| | |
|------|--------|
| Pre- | NSB102 |
|------|--------|

Units

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

This unit introduces students to Aboriginal peoples and Torres Strait Islander knowledges about health and wellness, highlighting the influence of historical and contemporary socio-political issues. To be effective health care professionals, students need knowledge, skills, and values that enable social inclusivity and the provision of person-centred, holistic care to Aboriginal and Torres Strait Islander clients. This unit builds on concepts introduced in *NSB105 Wellness Across the Lifespan*, and links to *NSB303 Partnerships in Health and Illness*. The course themes emphasised in this unit are **cultural safety** and **person-centred care**.

NSB203 Inquiry in Clinical Practice

| | |
|----------------|---|
| Equivalent s | NSB019, NSD203 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit explores inquiry in clinical practice by examining the role of research and the use of evidence in nursing practice. Skills in interpretation of evidence will be developed and an overview of various approaches to research are examined to enable students to

be effective consumers of research. The relationship between research, evidence and safety and quality in health care is explored. This knowledge is foundational to all remaining units in the course. Contemporary nursing work requires the ability to seek, interpret, analyse, synthesise, and integrate evidence into practice. Facilitating ongoing improvement in nursing practice requires different ways of thinking, broader perspectives and decision making informed by evidence. The course themes emphasised in this unit are global health, evidence-based practice and person-centred care.

NSB204 Mental Health: Self and others

| | |
|----------------|---|
| Equivalent s | NSB023 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit focuses on the national health priority of mental health and explores social determinants, legislation and policies that inform nursing care provision. Mental health issues are a universal human experience across the lifespan and serious mental health conditions affect many Australians. Students gain knowledge of major mental health conditions and psychopharmacology. Learning activities embed concepts of a recovery approach and cultural

safety in promoting positive messages that challenge stigma and discrimination. Emphasis is given to development of the professional self and attributes of trust, rapport building, and non-judgemental disposition. Focus is also given to developing skills in assessing and responding to people experiencing mental health issues including history-taking, mental health and risk assessment-using the recovery model. Course themes emphasised are evidence-based practice, cultural safety, and person-centred care.

NSB231 Integrated Nursing Practice 2 On Campus

| | |
|----------------|---|
| Pre-requisites | NSB103 or NSD103 or Completion of 96cp. NSB103 may be enrolled in the same teaching period as NSB231. |
| Equivalent s | NSB022 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit focuses on the knowledge, skills and attributes required to successfully complete the integrated on and off campus nursing practice units. The Nursing and Midwifery Board of Australia (NMBA) Registered Nurse Standards for Practice emphasised in this unit are: think critically and analyse nursing practice (ST1); maintain the capability for practice (ST3); comprehensively conduct assessments (ST4); develop a plan for nursing practice (ST5);

provides safe, appropriate and responsive quality nursing practice (ST6). The National Safety and Quality Health Service Standards (NSQHS) addressed in this unit, at a developing level, are: medication safety (ST4); blood and blood products (ST7); and preventing and managing pressure injuries (ST8). This unit complements other second year units and directly links to subsequent Integrated Nursing Practice units. The course themes emphasised in this unit are: **evidence-based practice; scientific foundations of practice, person centred care, and health technology and health informatics.**

NSB232 Integrated Nursing Practice 2 Off Campus

| | |
|----------------|--|
| Pre-requisites | (NSB131 or NSB010) and NSB231. NSB010 and NSB231 may be enrolled in the same teaching period as NSB232 |
| Equivalent s | NSB013 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit focuses on the knowledge, skills and attributes required to successfully complete integrated on- and off-campus nursing practice units. The Nursing and Midwifery Board of Australia (NMBA) Registered Nurse Standards for Practice emphasised in this unit are: thinks critically and analyses nursing practice (ST1); maintains the capability for practice (ST3); comprehensively conducts

assessments (ST4); develops a plan for nursing practice (ST5); provides safe, appropriate and responsive quality nursing practice (ST6). The National Safety and Quality Health Service Standards (NSQHS) addressed in this unit, at a developing level, are: medication safety (ST4); blood and blood products (ST7) and preventing and managing pressure injuries (ST8). This unit complements other second year units and directly links to subsequent Integrated Nursing Practice units. The course themes emphasised in this unit are: evidence-based practice; scientific foundations of practice; health informatics and health technology; global health; person centred care, and interprofessional collaboration.

NSB233 Integrated Nursing Practice 3 Off Campus

| | |
|----------------|---|
| Pre-requisites | NSB232, NSB236 and NSB204. NSB236 and NSB204 may be enrolled in the same teaching period as NSB233. |
| Equivalent s | NSB014 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit focuses on integrating theory with clinical practice at a developing-level during 160 hours of clinical placement. Students are expected to draw on prior knowledge and skills to develop their practice. Nursing and Midwifery Board of Australia Registered Nurse Standards for Practice

emphasised are: thinks critically and analyses nursing practice (ST1); comprehensively conducts assessments (ST4); develops a plan for nursing practice (ST5); provides safe, appropriate, and responsive quality nursing practice (ST6); and evaluates outcomes to inform nursing practice (ST7). National Safety and Quality Health Service Standards addressed at a developing level are: preventing and controlling healthcare associated infections; medication safety; and preventing falls and harm from falls. The course themes emphasised in this unit are evidence-based practice, scientific foundations of practice, person centred care, global health, and interprofessional collaboration.

NSB236 Integrated Nursing Practice 3 On Campus

| | |
|----------------|--------------------------------|
| Pre-requisites | NSB132 or NSB010 or NSB231 |
| Equivalent s | NSB024 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit aims to consolidate cognitive skills in clinical reasoning by intergrating prior knowledge and skills and further develop students' understanding of decisions that inform nursing practice at a developing level. Nursing and Midwifery Board of Australia Registered Nurse Standards for Practice emphasised: thinks critically and analyses nursing

practice (ST1); comprehensively conducts assessments (ST4); develops a plan for nursing practice (ST5); provides safe, appropriate and responsive quality nursing practice (ST6); evaluates outcomes to inform nursing practice (ST7). National Safety and Quality Health Service Standards addressed: preventing and controlling healthcare associated infections; and medication safety; and preventing falls and harm from falls. This unit links to subsequent Integrated Nursing Practice units. Course themes emphasised are evidence-based practice, scientific foundations of practice, health technology and health informatics, and person-centred care.

NSB303 Partnerships in Health and Illness

| | |
|----------------|--|
| Pre-requisites | Successful completion of 144cp in (NS42 or HL19) or successful completion of 288cp in (HL16 or HL17) |
| Credit Points | 12 |
| Campus | Kelvin Grove and Caboolture |
| Availabilities | Kelvin Grove - SEM-1 Caboolture - SEM-1 |

This unit focuses on the important role nurses have in promoting the health and wellbeing of individuals, families, and communities. With the rapidly changing health care environment, consumers, nurses, and other health care team members are required to be active partners in addressing health care

needs across a range of healthcare settings. This unit builds on your knowledge of professional practice developed in previous units to focus on the nurses' role in health promotion and rehabilitation across various chronic and complex health conditions and health care contexts. Focusing on the National Health Priorities, this unit explores the application of population health concepts and develops skills in health education. The unit also focuses on the knowledge and skills required to manage and support integrated care, transitional care and discharge planning of people with chronic illnesses and with complex care requirements. The course themes emphasised in this unit are **person-centred care** and **health technology and health informatics**.

NSB305 Leading and Learning: Building Professional Capacity

| | |
|----------------|--|
| Pre-requisites | Successful completion of 144cp in (NS42 or HL19) or successful completion of 288cp in (HL16 or HL17) |
| Credit Points | 12 |
| Campus | Caboolture and Kelvin Grove |
| Availabilities | Caboolture - SEM-2 Kelvin Grove - SEM-2 |

This unit facilitates graduating nurses' successful transition into the role of registered nurse capable of providing safe, quality, person-centred nursing care. The nurse's role in applying principles of leadership and management to lead self and others is

emphasised. The nurse leader's influence on safe nursing practice is explored including facilitators and barriers, regulatory, legislative, and political processes in reference to consumer advocacy. The unit will emphasise nursing leadership and interprofessional collaboration in relation to developing and realising improvements in health outcomes. The unit extends knowledge gained in NSB104 Leading and Learning from first year, and facilitates the preparation and transition from student to graduate registered nurse. The course themes emphasised in this unit are evidence-based practice and global health.

NSB334 Integrated Nursing Practice 4

| | |
|----------------|---|
| Pre-requisites | NSB204, NSB303, NSB233 and (CSB601 or LSB384). CSB601 and NSB303 can be enrolled in the same teaching period as NSB334. |
| Credit Points | 24 |
| Campus | Kelvin Grove and Caboolture |
| Availabilities | Kelvin Grove - SEM-1, SUM Caboolture - SEM-1 |

This is a third-year unit at the advanced stage of the course. It builds on all preceding units, with the expectation that previous knowledge and skills will be drawn upon to further develop practice. This is necessary in order to prepare for and successfully complete the capstone unit and provide safe and effective care as a beginning-level registered

nurse.

NSB335 Integrated Nursing Practice 5

| | |
|----------------|--|
| Pre-requisites | NSB334 |
| Credit Points | 24 |
| Campus | Kelvin Grove and Caboolture |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM Caboolture - SEM-2 |

Clinical decision making and clinical practice skills are consolidated and at completion of this unit (240 hours of Clinical Practice) students are required to demonstrate levels of safe and effective nursing care consistent with the NMBA Registered Nurse Standards of Practice. All Nursing and Midwifery Board of Australia (NMBA) and National Safety and Quality Health Service (NSQHS) standards, as they apply to nursing practice are further explored in this unit. This unit complements other third year units and consolidates learning to date. The course themes emphasised in this unit are evidence-based practice, scientific foundations of practice, global health, person-centred care, cultural safety, health technology and health informatics and interprofessional collaboration.

NSB412 Clinical Elective

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

This unit offers the opportunity to undertake further clinical practicum experiences to enhance students' ability to practice competently in a range of clinical situations. Also the focus is on integrating knowledge, skills and attributes required to successfully integrate theory with clinical practice. The Nursing and Midwifery Board of Australia (NMBA) Registered Nurse Standards for Practice emphasised in this unit are: thinks critically and analyses nursing practice (ST1); comprehensively conducts assessments (ST4); develops a plan for nursing practice (ST5); provides safe, appropriate, and responsive quality nursing practice (ST6); and evaluates outcomes to inform nursing practice (ST7). This unit complements other second year units and links to Integrated Nursing Practice units.

NSB600 Introduction to Nursing Children and Childbearing Families

| | |
|----------------|---|
| Pre-requisites | Successful completion of 144cp including NSB131 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit provides an overview of the theoretical concepts and clinical application principles for practice in the areas in providing nursing and midwifery care for children and childbearing families. The emphasis is upon the childbearing process and the developmental stages of

childhood and family dynamics. This is viewed as a normal process of growth and development, which will be affected by social, economic, legal and cultural factors. The focus will be on the promotion and maintenance of health.

NSB603 Introduction to Cardiothoracic Nursing

| | |
|----------------|---|
| Pre-requisites | Successful completion of 144cp including NSB232 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Cardiovascular client disorders are commonly encountered by nurses practicing in a variety of clinical settings. Continually advancing health care, combined with changing lifestyles, means cardiothoracic complaints either directly contribute to hospital admission or form part of the ever expanding list of patient comorbidities. This unit provides an overview of cardiothoracic nursing and learning activities encompass theoretical concepts specific to this specialty as well as related clinical skills. It builds on introductory concepts that have been addressed earlier in the degree through more detailed exploration and reflection. It is expected learning activities will consolidate and link existing knowledge with new knowledge and development of related clinical skills in this practice area.

NSB606 Palliative Care Nursing

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|----------------|---|
| Pre-requisites | Successful completion of 144cp including NSB131 |
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Units

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

The health and support needs of individuals who are dying are diverse and often change over time. To respond effectively to these needs, nurses require knowledge and skills to provide a palliative approach to care. In this unit, you will extend your knowledge of the needs of individuals diagnosed with various life-limiting illnesses. The unit will enable you to develop further your understanding of the core components of a palliative approach to care for these individuals. This unit will extend the understandings that you have developed in other theoretical studies and experiences in clinical practice.

NSB608 Wound Care in Practice

| | |
|----------------|---|
| Pre-requisites | Successful completion of 144cp including NSB131 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Providing complex wound care to people in acute, residential and community health areas is a growing challenge for health care services. Quality wound care requires a holistic approach as impacts are seen in every aspect of a person's life. This unit provides students with an in-depth knowledge of acute and chronic wounds and specifically addresses challenges related to providing optimal nursing care for

persons' with wounds. Focus is given to linking existing knowledge and clinical skills from prior study to inform evidence based practice in wound care. This unit takes an interdisciplinary approach to examining the science of wound healing, the principles and application of nursing care while also incorporating a necessary trans-disciplinary approach to care of a person with a wound. Learning activities assist students to respond to the challenges of assessment, management and prevention of a range of acute and chronic wounds using an evidence based, person-centred approach.

NSD103 Health Assessment

| | |
|----------------|--|
| Equivalent s | NSB103 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

Health assessment is the foundation of practice as a health professional. This unit complements the unit LQD185 Anatomy and Physiology for Health Professionals by providing an opportunity for students to apply knowledge of scientific foundations of human health to the core skills of health assessment.

NSD104 Leading and Learning

| | |
|----------------|--|
| Equivalent s | NSB104 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

This introductory unit in leading and learning develops the knowledge necessary to function as a team member, consumer advocate, educator, and leader of self and others. These are key attributes of the registered nurse in contemporary practice and provide the basis for team and professional leadership into the future. The unit will encourage different ways of thinking, broad perspectives, and evidence-based decision making to inform practice in local and global contexts. The unit complements NSD102 Professional Practice and Cultural Safety, NSD105 Wellness Across the Lifespan.

NSD105 Wellness Across the Lifespan

| | |
|----------------|--|
| Equivalent s | NSB105 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

Taking a lifespan approach equips healthcare professionals to appreciate changing health needs throughout life. Understanding the social context of health provides the fundamental knowledge required to develop consumer and healthcare team partnerships that are based on sound interpersonal communication and therapeutic alliances. This knowledge is foundational to professional practice, and enables effective health assessment and clinical decision making. The unit builds upon NSD103 Health Assessment.

NSD203 Inquiry in Clinical Practice

| | |
|----------------|--|
| Equivalent s | NSB203 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

Building from knowledge gained in NSD103 Health Assessment, this unit examines the ways in which evidence informs health professional practice. Contemporary health practice requires the ability to seek, interpret, analyse, synthesise, and integrate evidence into practice. Facilitating ongoing improvement in practice requires different ways of thinking, broader perspectives and decision making informed by evidence. The development of research skills in this unit provides a basis for supporting and contributing to research in the practice setting and for undertaking future studies as a health professional.

NSN001 Contemporary Issues in Nursing Children and Families

| | |
|----------------|--|
| Equivalent s | NSN006 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit provides an opportunity for students to develop specialist knowledge and skills in child and family health nursing by exploring and addressing an issue relevant to

their area of practice. Students will examine a topic of choice, addressing an education or knowledge gap through utilising a project process and high quality literature to develop a resource.

NSN007 Contemporary Issues in Chronic Care Nursing

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit develops specialist knowledge of chronic disease prevention and management across the lifespan to enable you to apply this knowledge into practice. It prepares you to deliver person-centred nursing care to people with chronic conditions.

NSN008 Specialist Chronic Care Nursing Practice

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

This unit develops your knowledge of chronic disease and comorbidities and the impact on individuals, families and communities. The focus is on applying this knowledge into specialised nursing practice. It complements the learning in NSN007 Contemporary Issues in Chronic Care Nursing. Individuals with chronic health conditions experience a wide range of physical, social and psychological problems

requiring nursing intervention. This unit provides you with specialist knowledge and skills to enable you to contribute to the management of the various complexities experienced by people suffering chronic health conditions in specialised nursing contexts. NSN007 and NSN008 are the two specialist units required for the Chronic Health Care Nursing Major.

NSN009 Specialist Nursing Practice for Children and Families

| | |
|-----------------|--|
| Anti-requisites | NSN004, NSN005 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

The focus of this unit is practical application of specialist knowledge and evidence in varied paediatric settings (acute paediatrics or community child health). It complements the work undertaken in NSN001 and prepares you to deliver person-centred nursing care to children and families. Through the examination of contemporary issues that impact upon caring for children and families, you will apply specialist assessment skills to guide your clinical reasoning and decision making in the health related concerns of children and families. NSN001 and NSN009 are the two specialist units required for the Paediatric, Child and Youth Health Major.

NSN123 Contemporary Issues in Gastroenterology Nursing

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

The unit provides students with the opportunity to examine, and acquire, insight into the occupational health and safety requirements specifically related to gastroenterology nursing context. Additionally the ability to reflect on prior learning and enhance knowledge of the specialist anatomy and physiology of the gastrointestinal system, and explores the impact of heredity and the immune system on disease processes.

NSN124 Specialist Gastroenterology Nursing

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

This unit builds on knowledge and skills gained in NSN123 Contemporary Issues in Gastroenterology Nursing and focuses on the specialist area of gastroenterology to enhance delivery of evidence-based nursing care for patients in a variety of settings. There is an emphasis on extension of discipline knowledge, problem solving and analytical skills to make effective clinical care decisions, related to the upper and lower gastrointestinal tract, the liver and pancreatic pathophysiology. Common

diagnostic investigations and, contemporary issues impacting on specialist nursing practice for patients with gastrointestinal disease, are also explored.

NSN430 Clinical Therapeutics

| | |
|----------------|--|
| Pre-requisites | Admission into NS88 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

This unit focusses on clinical therapeutics which is integral to the Nurse Practitioner advanced scope of practice. This unit will enable you to develop and establish a framework of appropriate selection of medicines for individual consumers using pharmacology and clinical therapeutics knowledge, with a key focus on Quality Use of Medicine (QUM) for improved consumer health outcomes. Your clinical skills will be developed to enable you to prescribe, administer and evaluate the effects of medicines based on consumer health assessment and diagnosis in the role of Nurse Practitioner. Completion of this unit will provide a foundation consistent with the clinical, organisational, professional and legislative requirements, knowledge of pharmacotherapeutics and the principles of QUM, that must inform the nurse practitioner's decision-making about pharmacological therapies. This unit will be consolidated in

the second pharmacology unit NSN432: QUM and Safe Prescribing.

NSN431 Transition to Nurse Practitioner Service

| | |
|----------------|----------------------------|
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

This unit supports you to conceptualise nurse practitioner (NP) services in the context of the contemporary Australian health care environment. Nurse practitioners provide health care to populations across a broad range of social, demographic and health care contexts, including populations who are marginalised, underserved and socioeconomically disadvantaged. Nurse practitioner services help to meet healthcare reform goals by improving continuity of and access to care, prevention and early detection of disease, advanced nursing intervention, and interprofessional collaboration.

NSN432 QUM and Safe Prescribing

| | |
|----------------|----------------------------|
| Pre-requisites | NSN430 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

This unit will assist you to develop advanced knowledge and skills necessary to prescribe, administer and evaluate the advanced therapeutics relevant to you

Units

area of practice . A key focus is to enable you to prescribe medicines and provide therapeutic interventions judiciously, appropriately, safely and effectively in the Australian healthcare system. Activities are designed to support delivery of consumer care in a specialty area that conforms to regulatory requirements and that is ethical, culturally-sensitive, context-driven, evidence-based and responsive.

NSN433 The Science of Health Assessment

| | |
|----------------|-----------------------------|
| Pre-requisites | Admission into NS87 or NS88 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

This unit builds on existing knowledge in advanced comprehensive consumer assessment. Anatomy, physiology and core body system assessment are a key focus in this unit. Theory and practice are integrated to enable in-depth knowledge and skill development in the scientific basis of health assessment to ensure quality ongoing consumer outcomes. Also this unit advocates a collaborative practice approach to comprehensive consumer assessment and to the formation and communication of effective clinical decisions.

NSN434 Evidence-based Practice and Research Design

| | |
|--------------|--------|
| Equivalent s | NSN424 |
|--------------|--------|

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|----------------|----------------------------|
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-2 |

This unit examines the relationship between research evidence and practice, and creates an opportunity to understand, critique and contribute to current practice in light of relevant research. It emphasises critical inquiry and research skills including the ability to analyse and critique research methods and evidence and to evaluate the results with reference to real world experiences. Drawing on knowledge of research principles and processes, knowledge and skills will be applied to develop a research proposal to investigate a particular area of practice relevant to a specialisation and/or professional interest. The proposal developed in this unit will inform the final assessment in HLN703 Project.

NSN435 Integrated Professional Practice 1 (Primary Health)

| | |
|----------------|------------------------------|
| Pre-requisites | NSN430 and NSN433 and NSN436 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

This unit provides supervised and supported professional practice experience to develop and apply coursework learning. This integrated professional practice unit focuses on the development of knowledge and skills in comprehensive health assessment, with a particular

focus on primary health care principles and Aboriginal and Torres Strait Islander peoples' and communities. This unit builds on and applies knowledge and skills gained in four previously completed units: NSN431 Transition to Nurse Practitioner Service, NSN433 The Science of Health Assessment, NSN430 Clinical Therapeutics and NSN432 QUM and Safe Prescribing.

NSN436 Advanced Health Assessment and Diagnosis

| | |
|----------------|-----------------------------------|
| Pre-requisites | NSN433 |
| Equivalent s | NSN421 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | External - SEM-1, SEM-2 |

This unit builds on knowledge gained in NSN433 The Science of Health Assessment and focuses on the value of completing an accurate comprehensive health assessment by adopting a systematic approach to assessment of body systems. There is a focus on mechanisms of disease, pathophysiological changes and diagnostic reasoning. Attention to diverse populations, across the lifespan and a range of disease states will be highlighted. Consideration will be given to inter-professional roles and contributions, accountability and legislation in relation to the management of consumer diagnostics. Also included are diagnostics, request and interpretation of clinical

Units

investigations, culminating in the accurate clinical determination of differential and provisional diagnoses.

NSN437 Integrated Professional Practice 2 (Specialty Context)

| | |
|----------------|--|
| Pre-requisites | (NSN432 and NSN435 and NSN436) or NSN426 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

Drawing on previous learning you will demonstrate comprehensive consumer health assessment skills using diagnostics and informed clinical decision making capability. This unit provides supervised and supported professional practice experience to consolidate and apply coursework learning. The unit focuses on developing a capable nurse practitioner in a specialty area with an emphasis on consumers with complex and challenging health care needs. The unit includes a focus on eHealth and health informatics.

NSN438 Transition to Nurse Practitioner Practice

| | |
|----------------|----------------------------|
| Pre-requisites | NSN431 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

This unit will extend your ability to analyse and respond to the key issues and challenges of ongoing service provision through collaboration with key stakeholders. A critical examination of a service area

to formulate evidence-based recommendations for change and improvement is required. The unit extends your leadership and management skills and provides an opportunity for you to practise conflict management and negotiate solutions for challenges in service provision.

NSN439 Integrated Professional Practice 2 (Clinical Mastery and Leadership)

| | |
|----------------|----------------------------|
| Pre-requisites | NSN435 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-2 |

This capstone unit extends previous learning to develop student's clinical capability and leadership in a specialty context. Progressively decreasing levels of clinical support is provided as you progress to mastery in assessing, prescribing and implementing therapeutic interventions for consumers. The significant benefits of maintaining ongoing professional development is also a key focus. The supervised and supported professional practice experience develops mastery of knowledge and skills to meet nurse practitioner standards for practice (NMBA, 2014). During this final Integrated Professional Practice unit you will continue to develop in the nurse practitioner role under the supervision of an appropriately qualified clinical support team and a nurse practitioner mentor appointed

by the university. This unit builds on the knowledge and skills attained in NSN435 Integrated Professional Practice 1.

NSN508 Dissertation Preparation

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|----------------|--|
| Pre-requisites | (HLN710 or PUN105 or HLN405) and completion of 48cp in NS80. HLN710, PUN105 or HLN405 may be undertaken in the same teaching period as NSN508. |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2 |

This unit builds on existing knowledge, skills and professional experience and provides the opportunity to develop, extend, and apply these skills to the preparation of a feasible and defensible research proposal for a research dissertation. The opportunity to develop skills in advanced information retrieval and synthesis, academic writing, and critical analysis are supported as you review a body of literature relevant to your dissertation and methodology. NSN508 is a preparatory unit for HLN700 or HLN750.

NSN719 Principles of Education for Health Professionals

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit introduces you to

a university for
the real world



theories, principles and practices for understanding and enhancing learning and teaching in health care environments. It provides health professionals, engaged in teaching and learning, with an understanding of how learning occurs, what influences learning, and how to engage learners in healthcare settings. You will also engage with relevant research evidence to critically analyse healthcare environments and make informed decisions to create and support high quality learning environments characterised by effective and innovative practice.

NSN720 Curriculum Design for Health Professional Education

| | |
|----------------|--|
| Equivalent s | HLN720 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

Health professionals engage in the facilitation of learning in various contexts, including, professional staff development programs, work integrated learning support and ongoing targeted educational endeavours. The focus is on curriculum design and development, facilitation of learning and teaching, assessment and evaluation. To create supportive learning environments and facilitate innovation in contemporary healthcare contexts requires specialist knowledge and skills including innovative, creative

and reflective teaching practices. This unit provides health professionals with learning and assessment experiences to plan, design and facilitate effective programs of learning. NSN719 and NSN720 are the two specialist units required for the Health Professional Education Major.

NSN721 Contemporary Issues in Emergency and Intensive Care Nursing

| | |
|----------------|----------------------------|
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

Registered nurses working in the critical care context require specialist knowledge, skills and capability to provide safe evidence-based care. Health care environments are dynamic and complex. Specialist emergency and intensive care nurses must adapt and make clinical decisions based on their scope and context of practice. This unit will develop your knowledge and skills to practice with individuals and families in specialist emergency or intensive care nursing settings and in the context of the transdisciplinary health care team.

NSN722 Specialist Intensive Care Nursing Practice

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

Registered nurses working in

intensive care require specialised knowledge and skills to plan, provide and evaluate safe evidence-based nursing care. The complex and dynamic health care environment requires the specialist intensive care nurse to have the ability to respond, adapt, implement, evaluate and communicate decisions based on scope and context of practice for a range of critically ill individuals and their families across the lifespan. Contemporary health care service delivery in the intensive care setting is constantly changing, employing innovative technologies and therapies. NSN721 and NSN722 are the two specialist units required for the Intensive Care Nursing Major.

NSN723 Specialist Emergency Nursing Practice

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

Emergency nurses working across a range of emergency service delivery models, require specialist knowledge and skills to deliver evidence informed care across the lifespan. The health care environment is dynamic and complex, specialist emergency nurses must have the ability to adapt and augment decisions based on scope of practice, and with a range of individuals experiencing varying health presentations. NSN721 and NSN723 are the two specialist

units required for the Emergency Nursing Major.

NSN724 Contemporary Issues in Acute or Cancer Nursing

| | |
|----------------|----------------------------|
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

Registered nurses working in acute or cancer care contexts require specialised knowledge and technical skills to provide and evaluate evidence-based care. The complex and dynamic health care environment requires the specialist acute or cancer care nurse to have the ability to respond, adapt, implement, evaluate and communicate decisions based on scope and context of practice for a range of complex health care problems in a range of health care settings for individuals and families.

NSN726 Specialist Acute and Cancer Nursing Practice

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

This unit will develop theoretical knowledge and clinical nursing skills to apply evidence-based practice in acute or cancer health care contexts. Individuals in acute and cancer care environments experience a wide range of complex health care problems. Contemporary health service delivery in these fields require nurses to apply an advanced

level of specialty theoretical knowledge and skill to lead, evaluate and communicate evidence-based care within the transdisciplinary team to inform person-centred care outcomes. There is a focus on effective prevention and management of complex health care concerns experienced by individuals and their families across the lifespan. NSN724 and NSN726 are the two specialist units required for the Acute and Cancer Nursing Majors.

NSN728 Health Care Context and Service Provision

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

This is a core unit that develops knowledge of the contemporary health care context and the issues impacting health professionals in the delivery of effective, sustainable nursing care. The unit will explore broader health care contextual issues that impact on the nursing profession and health service delivery. For example, equity and access to health services, Aboriginal and Torres Strait Islander health and the ageing population. It provides an opportunity to examine the impact that policies, global and national health trends have on nursing service provision. Knowledge and critical application of the principles of cultural safety, primary health care and social inclusivity are examined to develop

recommendations for changes in nursing services, justified by literature and evidence.

NSN730 Clinical Leadership in Specialist Nursing

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

Front line nurse leaders are clinicians who focus on the direct delivery of patient care, but also see continuous improvement in the way the organisation delivers care as their responsibility. This unit supports development of specialist clinical assessment and decision making skills to enhance direct patient care. Complimentary to this, is the development of approaches to enable the transformation of individuals, teams, practice and cultures to enhance the effectiveness of practice. As an emerging nurse leader you will analyse opportunities for improving the quality and safety of clinical assessment in your specialty area and generate a plan for innovation and change.

NSZ430 Clinical Therapeutics

| | |
|----------------|-----------------------------------|
| Equivalents | NSN430 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | External - SEM-1, SEM-2 |

NSZ431 Transforming Service

| | |
|----------------|----------------------------|
| Equivalent s | NSN431 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

This unit supports you to reconceptualise nurse practitioner (NP) services in the context of the contemporary Australian health care environment. Nurse practitioners provide health care to populations across a broad range of social, demographic and health care contexts, including populations who are marginalised, underserved and socioeconomically disadvantaged. Nurse practitioner services help to meet healthcare reform goals by improving continuity of and access to care, prevention and early detection of disease, advanced nursing intervention, and interprofessional collaboration.

NSZ432 Pharmacological and Non-pharmacological Therapeutics

| | |
|----------------|----------------------------|
| Pre-requisites | NSZ430 |
| Equivalent s | NSN432 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-2 |

The nurse practitioner role entails advanced nursing practice that features both autonomous and collaborative elements. The nurse practitioner role might include prescribing drugs from a

defined formulary; high-level technical procedures; requesting or performing diagnostic investigations; consumer education and counselling; and direct referral to other health professionals. The aim of such activities is to deliver and evaluate consumer care in a specialty area that conforms to regulatory requirements and that is ethical, culturally-sensitive, context-driven, evidence-based and responsive.

NSZ434 Evidence-based Practice and Research Design

| | |
|----------------|----------------------------|
| Equivalent s | NSN434 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-2 |

This unit examines the relationship between research evidence and practice, and creates an opportunity to understand, critique and contribute to current practice in light of relevant research. It emphasises critical inquiry and research skills including the ability to analyse and critique research methods and evidence and to evaluate the results with reference to real world experiences. Drawing on knowledge of research principles and processes, knowledge and skills will be applied to develop a research proposal to investigate a particular area of practice relevant to a specialisation and/or professional interest. The proposal developed in this unit will inform the final assessment in HLN703

Project.

NSZ435 Integrated Professional Practice 1 (Primary Health)

| | |
|----------------|-----------------------------------|
| Pre-requisites | NSZ430 and NSZ433 |
| Equivalent s | NSN435 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | External - SEM-1, SEM-2 |

This first integrated professional practice unit will assist you to develop an understanding of how health determinants and population diversity impact health service delivery and develop skills in applying consumer based primary health care strategies. This unit provides supervised and supported professional practice experience to develop and apply coursework learning with a focus on primary health care principles and Aboriginal and Torres Strait Islander peoples' and communities. This unit requires students to complete 104 hours of supernumerary integrated professional practice.

NSZ436 Advanced Health Assessment and Diagnosis

| | |
|----------------|----------------------------|
| Pre-requisites | NSZ433 |
| Equivalent s | NSN421,NSN436 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

This unit highlights the value of completing an accurate comprehensive health assessment. It develops

knowledge and skills for adopting a systematic approach to undertaking holistic health assessment. The focus on mechanisms of disease, pathophysiological changes and diagnostic reasoning are central concepts explored in this unit. Also included are diagnostics, request and interpretation of clinical investigations, culminating in the accurate clinical determination of differential and provisional diagnoses.

NSZ437 Integrated Professional Practice 2 (Specialty Context)

| | |
|----------------|--------------------------------|
| Pre-requisites | (NSZ432 and NSZ435 and NSZ436) |
| Equivalent s | NSN437 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

Drawing on previous learning you will demonstrate comprehensive consumer health assessment skills using diagnostics and informed clinical decision making capability. This unit provides supervised and supported professional practice experience to consolidate and apply coursework learning. The unit focuses on developing a capable nurse practitioner in a specialty area with an emphasis on consumers with complex and challenging health care needs. The unit includes a focus on eHealth and health informatics.

NSZ438 Transition to Nurse Practitioner Practice

| | |
|----------------|----------------------------|
| Pre-requisites | NSZ431 |
| Equivalent s | NSN438 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-1 |

This unit will extend your ability to analyse and respond to the key issues and challenges of ongoing service provision through collaboration with key stakeholders. A critical examination of a service area to formulate evidence-based recommendations for change and improvement is required. The unit extends your leadership and management skills and provides an opportunity for you to practise conflict management and negotiate solutions for challenges in service provision.

NSZ439 Integrated Professional Practice 2 (Clinical Mastery and Leadership)

| | |
|----------------|------------------------------|
| Pre-requisites | NSZ432 and NSZ435 and NSZ436 |
| Equivalent s | NSN439 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - SEM-2 |

This capstone unit extends previous learning to develop student's clinical capability and leadership in a specialty context. Progressively decreasing levels of clinical support is provided as you progress to mastery in assessing, prescribing and implementing therapeutic

interventions for consumers. The significant benefits of maintaining ongoing professional development is also a key focus. The supervised and supported professional practice experience develops mastery of knowledge and skills to meet nurse practitioner standards for practice (NMBA, 2014). During this final Integrated Professional Practice unit you will continue to develop in the nurse practitioner role under the supervision of an appropriately qualified clinical support team and a nurse practitioner mentor appointed by the university. This unit builds on the knowledge and skills attained in NSN435 Integrated Professional Practice 1

OPB201 Foundations of Optometric Practice

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

This unit provides you with foundation skills and knowledge to prepare you for your journey towards becoming an optometrist. This unit introduces you to the core knowledge base that underpins the profession (ocular anatomy and physiology, ophthalmic optics and visual science), scope of practice and competencies relevant to practice (ethics, law, communication, cultural awareness, and evidence based practice). The unit also introduces and applies the concepts of professional

identity and skills required when working in a health care setting (professional skills, reflective skills, and research skills). Students will learn the value of teamwork, reflect on their learning and develop lifelong learning skills. Topics introduced in this unit will provide foundation materials for later units in the optometry program, through which you will further develop core knowledge and professional skills.

OPB351 Visual Science 3

| | |
|----------------|--------------------------------|
| Pre-requisites | OPB352 and OPB353 |
| Co-requisites | OPB452 and OPB453 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This is basic visual science unit that will assist you to develop a working knowledge of visual science including the optics of the eye, including its basic design, dimensions and retinal quality as well as the psychophysical principles of vision.. The ability to understand these basic visual science principles is an essential foundation to optometry, which involves assessing the visual function of patients as part of an eye examination in order to characterise a patient's vision, determine whether or not ocular or systemic diseases are present, and make recommendations regarding prescription options.

OPB352 Ocular Anatomy and Physiology 3

| | |
|----------------|--------------------------------|
| Pre-requisites | LSB250 and LSB255 and OPB201 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit provides information on the ocular anatomy and physiology that underlies the functional measurements made in optometry and their interpretation. It includes the structure and function of the anterior eye and orbit.

OPB353 Ophthalmic Optics 3

| | |
|----------------|--|
| Pre-requisites | PCB150 and OPB201 and (MAB141 or MAB233) |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Ophthalmic Optics is a fundamental area of Vision Science and Optometry, as a majority of problems dealt with in these fields require optical solutions. It provides much of the optical basis for other units in the Optometry and Vision Science course dealing with optics, and thus is placed early in the course.

OPB451 Visual Science 4

| | |
|----------------|--------------------------------|
| Pre-requisites | OPB351 and OPB452 |
| Co-requisites | OPB556 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This subject continues studies commenced in OPB351, and

provides students with an understanding of spatial, temporal, colour and binocular vision, and their influence on visual performance.

OPB452 Ocular Anatomy and Physiology 4

| | |
|----------------|--------------------------------|
| Pre-requisites | OPB352 |
| Co-requisites | OPB351 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This is a continuation of OPB352 Ocular Anatomy and Physiology 3. The unit covers the anatomy and physiology of skull and orbit, the retina, neural pathways, extraocular muscles, eye movements, vasculature, neurophysiology of vision and an introduction to electrophysiological techniques. Understanding the underlying ocular anatomy and physiology is fundamental to the interpretation of vision assessment, other clinical measures and ocular disease processes. This unit will provide students with a detailed knowledge of the structures both internal and external to the eye that are involved in the production of clear, single vision and its perception.

OPB453 Ophthalmic Optics 4

| | |
|----------------|--------------------------------|
| Pre-requisites | PCB240 and OPB353 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit continues development of learning in the optics of spectacle lens corrections, lens forms and designs and the optical and mechanical measurements of spectacles and lenses required in future clinical practice. Ophthalmic optics is a fundamental area of optometry, as the majority of problems dealt with in optometry require optical solutions. Students are introduced to the theory and practice of some essential techniques required to examine patients' eyes and assess visual functions. The aims of this unit are to provide you with an advanced understanding of concepts of ophthalmic optics and some objective techniques for the evaluation of visual function; and to allow you to develop some basic skills in dispensing optics.

OPB550 Diseases of the Eye 5

| | |
|----------------|--------------------------------|
| Pre-requisites | (CSB520 or LSB475) and OPB452 |
| Co-requisites | OPB654 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit provides students with a knowledge and understanding of relevant general diseases and those that affect the eye. It includes general disease principles and processes, referral procedures, genetics, congenital, dystrophic and degenerative eye disease, and the ocular manifestation of general disease. [Designated unit].

OPB556 Assessment of Vision 5

| | |
|----------------|--------------------------------|
| Pre-requisites | OPB351 and OPB453 and PYB007 |
| Co-requisites | OPB451 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit addresses the theory and practice of a number of clinical procedures which are used in eye examination: visual acuity measurement, external and internal examination of the eyes, subjective refraction, and slit-lamp biomicroscopy. Students are also introduced to communication with patients, and the communication principles and skills in taking a case history. [Designated unit]

OPB557 Binocular Vision

| | |
|----------------|--------------------------------|
| Pre-requisites | OPB451 and OPB556 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Refractive errors, accommodation and binocular vision anomalies are among the most common vision problems confronting the optometrist. The understanding of the development of refractive errors and functioning of the binocular vision system are important bases for the examination of patients in a clinical setting and the subsequent management of anomalies in these areas. The ability to instigate myopia control strategies and binocular vision training are important

roles of optometry.

OPB650 Diseases of the Eye 6

| | |
|----------------|--------------------------------|
| Pre-requisites | OPB451 and OPB550 and OPB556 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

A critical part of any eye examination is an assessment of ocular health. Optometrists are primary health care practitioners, and the majority of patients who require an eye examination consult an optometrist. Therefore, optometrists are at the forefront of the fight against eye disease, and play a major role in the detection of systemic diseases that cause ocular signs and symptoms. Extensive coverage of the topic of eye diseases therefore forms a major part of optometric studies. This unit is a continuation from OPB550 and provides students with the knowledge and capabilities to detect and diagnose eye disease, and to take appropriate clinical action. OPB650 focuses on building knowledge of diseases influencing the posterior eye, ocular manifestations of systemic disease and neuro-ophthalmology. Knowledge from this unit will be highly relevant to future units in the Master of Optometry (OP85) course involving clinical optometric practice and therapeutic management of eye disease.

Units

OPB654 Ocular Pharmacology

| | |
|----------------|--------------------------------|
| Pre-requisites | OPB452 and LQB450 |
| Co-requisites | OPB550 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit provides students with the appropriate knowledge of pharmaceutical agents used to examine the eye and to treat eye diseases. [Designated unit]

OPB656 Assessment of Vision 6

| | |
|----------------|--------------------------------|
| Pre-requisites | OPB556 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit provides the theory and practical skills knowledge in the use of advanced clinical techniques used in eye examinations to assess ocular health (ophthalmoscopy, tonometry, gonioscopy) and visual function (visual fields, colour vision). It introduces the theory guiding these techniques, and develops the procedural and communication skills required to accurately, efficiently and safely perform these techniques. The unit also develops your skills in the recording and interpretation of the clinical data obtained from these techniques to inform patient advice and management. The ability to accurately, efficiently and safely perform these clinical techniques in eye examinations is a requirement for clinical

practice, forming the basis for assessment and management of patients in optometry practice. This unit builds on the clinical techniques developed in OPB556 Assessment of Vision 5, and will be further developed during the clinical units in OP85 Master of Optometry.

OPN161 Optometry in Special Needs Groups

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

This unit is designed to provide an understanding of the fundamentals of low vision rehabilitation and paediatric optometry. Students will build on their existing knowledge of ocular anatomy and physiology, ocular disease, the development of binocular vision and the assessment and management of paediatric and geriatric patients. Clinical skills relating to paediatrics and low vision are further developed in the specialist clinic units (OPN262, OPN362 & OPN462).

OPN162 Contact Lens Practice

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

This unit provides an introduction to contact lens clinical practice. Contact lenses provide an important method for correcting the optical errors of the eye. Topics covered include the basic clinical skills,

knowledge about contact lenses and the skills to manage contact lens patients.

OPN163 Primary Care Clinic 7

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

OPN164 Research Methods in Optometry and Vision Science

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

OPN261 Therapeutic Management of Eye Disease

| | |
|----------------|--------------------------------|
| Pre-requisites | OPN163 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Optometric practice allows appropriately trained optometrists to provide therapeutic pharmacological and non pharmacological management of a range of eye diseases. It is important for optometrists to have a comprehensive knowledge of prescription drugs used in the management of eye disease, be able to develop evidence-based treatment plans, and assess the outcomes of treatment. Also optometrists should understand the framework of of legal and social and ethical governance within which therapeutic

practice operates. This unit aims to integrate your knowledge of eye disease and ocular pharmaceutical agents to allow you to legally, safely and effectively develop treatment plans for your patients in optometric practice. The unit emphasises an evidence-based and practical approach to therapeutic management of eye disease.

OPN262 Specialist Clinic 8

| | |
|----------------|--------------------------------|
| Pre-requisites | OPN161, OPN162, and OPN163 |
| Co-requisites | OPN263 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit begins clinical practice in the specialist areas of contact lens practice and binocular vision and low vision. Students will begin development of clinical case management and problem solving strategies in these specialist areas of clinical practice. They will also develop higher level clinical examination techniques, reinforcing and refining clinical skills developed in the previous specialist clinical units in these areas.

OPN263 Primary Care Clinic 8

| | |
|----------------|--------------------------------|
| Pre-requisites | OPN161, OPN162 and OPN163 |
| Co-requisites | OPN261 and OPN262 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit continues clinical optometric practice in the primary care area within the Optometry program. Through clinical practice, students will further develop specific problem solving strategies in clinical practice, and further develop problem specific examination techniques, reinforcing and refining clinical skills developed in previous units. This unit continues the transfer of theoretical and practical skills to the clinical situation. Students will take on a gradually increasing responsibility for clinical decision making and management.

OPN264 Research Project

| | |
|----------------|--------------------------------|
| Pre-requisites | OPN164 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

The unit provides the theory and practical skills in the use of research methods and statistical procedures to undertake research. This includes developing research skills in data management, statistical techniques and data presentation, as used in the optometric and vision science literature. These skills are important to complete the research projects commenced in OPN164 Research Methods in Optometry and Vision Science. The skills and knowledge developed in this unit will form the basis for the critical evaluation, interpretation and application of research in basic science and

clinical research relevant to optometry and vision science, and provides the real-world skills used by optometrists to guide their life-long learning.

OPN361 Evidence Based Optometry

| | |
|----------------|---|
| Pre-requisites | OPN262 and OPN263 and OPN264 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit is designed to provide an understanding of the relationships between research and clinical practice in the development of evidence based practice for a growing profession. Current clinical issues of significance will also be reviewed.

OPN362 Specialist Clinic 9

| | |
|----------------|---|
| Pre-requisites | OPN261 and OPN262 and OPN263 |
| Co-requisites | OPN365 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit introduces the clinical practice of specialist areas within optometry of binocular vision, paediatric optometry, contact lens practice, colour vision, myopia management, and low vision rehabilitation. Through supervised 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 and clinical thinking developed in the previous units in these areas.

OPN365 Clinical Practice 9

| | |
|----------------|--|
| Pre-requisites | OPN261 and OPN262 and OPN263 |
| Co-requisites | OPN362 |
| Credit Points | 24 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1 |

This unit continues clinical optometric practice in the primary care area within the Optometry Clinic of the School of Optometry. Through further clinical practice, students will refine specific problem solving strategies in clinical practice, and problem specific examination techniques, reinforcing and refining clinical skills developed in the previous units. Students will take on a greater responsibility for clinical decision making and management, demonstrating early independence and responsibility in decision making and problem solving, beginning the transition to professional practice. Students will also participate in clinical placement activity off-campus in a range of practice environments with a view to further developing clinical management skills and exposure to business management in practices.

OPN461 Optometry in Professional Practice

| | |
|----------------|--------------------------------|
| Co-requisites | OPN465 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

The practice of optometry is regulated by several State and Federal Acts of Parliament and all optometrists have professional and ethical responsibilities. The majority of optometry graduates aspire to enter private practice, either as an employee of another practitioner or an organisation of optometrists. They are frequently required to manage the practice and therefore, must have business, finance and administration capabilities, as they relate to optometry. This unit provides the skills required for the transition from student to professional practice, including knowledge of the professional and legal responsibilities of optometrists to patients and the wider community, as well as how to manage an optometry practice.

OPN462 Specialist Clinic 10

| | |
|----------------|--------------------------------|
| Pre-requisites | OPN362 and OPN365 |
| Co-requisites | OPN465 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit continues the clinical practice of specialist areas within optometry: contact lens practice, binocular vision,

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.

OPN465 Clinical Practice 10

| | |
|----------------|--------------------------------|
| Pre-requisites | OPN362 and OPN365 |
| Co-requisites | OPN462 |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit completes clinical optometric practice in the primary care area within the Optometry program. Through further clinical practice, students will refine specific problem solving strategies in clinical practice, and problem specific examination techniques, illustrating a consolidation and integration of their theoretical knowledge base and clinical skills developed in the previous units. Students will demonstrate significant responsibility for clinical decision making and management, demonstrating independence in decision making and problem solving as final preparation for their transition to professional practice. Students will also participate in clinical placement activity off-campus in a range of practice environments with a view to further developing clinical management skills and exposure to business management in practices.

PCB150 Biomedical Physics

| | |
|-----------------|---------------------------------|
| Anti-requisites | PVB101 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit aims to provide Biomedical and Allied Health students with an introduction to the physical properties and processes that underlie the science and technologies used in those fields. Professionals in the applied sciences require an understanding of the processes involved in making and recording measurements and of the physical principles that underlie the parameters being measured and the instruments being used to make those measurements. The unit introduces you to the processes of measurement, and of estimating, presenting and interpreting the uncertainties associated with measurements. The physics of mechanics, heat, sound and light will be introduced and explained to enable you to understand the parameters being measured and the limits of the measurement process. The unit will include a broad introduction to the imaging technology underpinning the diagnosis of many diseases.

PCB240 Optics 1

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

This unit includes a study of selected topics in optics

particularly related to aspects of optometry. Topics include geometrical optics in mirrors and lenses, including thick lenses, cylindrical, spherical and toric lenses, colour and colour measurement, photometry, lens aberrations and optical instruments.

PCB272 Radiation Physics

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

Radiographers require a basic knowledge of general physics and more detailed theoretical background to the physical basis behind the equipment design, construction and materials and the increasing technological support for developing modalities. The aim of this unit is to provide students with an understanding of radiation physics related to x-ray production and radiographic practice and how radiation interacts with matter.

PCB593 Digital Image Processing

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

This unit provides students with a basic understanding of the computer techniques used in image processing and reconstruction. Specific areas of study include the following: the structure of a digital image; image display techniques; grey

scale palettes and look-up tables; Fourier transform theory; convolution theory; image processing hardware; image processing techniques, eg analysis, enhancement and restoration; spatial filtering; Fourier space filtering; methods of image reconstruction; 3D volume and surface rendering; applications of image processing in medicine, astronomy and remote sensing, etc.

PCB675 Radiation Safety and Biology

| | |
|----------------|---------------------------------|
| Pre-requisites | PCB272 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit covers radiation protection and the biological effects of radiation on the human body. It is aimed towards those who are likely to be working with ionizing radiation in the workplace.

PCN112 Medical Imaging Science

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

This unit offers an introduction to nuclear medicine, radioactive decay, radionuclide production, imaging systems and internal dosimetry. There is a strong emphasis on the application of new technologies in the clinical discipline of nuclear medicine. The second part offers an introduction to programming techniques and

algorithms and digital image processing techniques that are important for the practicing medical physicist. The techniques will be authentically applied to different types of medical images preparing you for the workplace on graduation.

PCN113 Radiation Physics

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

This unit includes the following: radioactivity and the interaction of ionising radiation with matter; applied radiation counting techniques; radiation detectors; radiation dosimetry.

PCN211 Physics of Medical Imaging

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

Most medical imaging modalities now produce images in digital form. These digital images frequently undergo processing such as enhancement, registration, fusion and 3D reconstruction. Digital image processing and 3D image visualisation techniques are also extensively used in nuclear medicine and radiotherapy planning. Consequently, computing, numerical methods and digital image processing are necessary skills of a practising medical physicist. This unit is designed to make the student familiar with image

visualisation methods and imaging in nuclear medicine, and to develop skills in digital image processing.

PCN212 Radiotherapy

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

This unit provides an overview of the application of physics to radiotherapy including theoretical and practical aspects of the major topics in radiotherapy physics. The unit builds on your previous knowledge of radiation physics and applies it to radiotherapy.

PCN214 Health and Occupational Physics

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

This unit covers radiation protection of humans, primarily aimed at radiation in the workplace. Topics include sources of radiation, effects of ionizing radiation on the human body, radiation protection in diagnostic radiology, and laser safety.

PCN218 Research Methodology and Professional Studies

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

In the rapidly changing technological environment of medical physics and medical ultrasound it is essential that

students develop basic research skills, data interpretation skills and written communication skills. Topics include the research process, data collection and analysis techniques, and writing and evaluating research reports. Students also require knowledge of the professional, basic management, legal and ethical issues involved in their particular speciality area. Topics include the role and purpose of professional bodies, professional communication, legal and ethical issues, and basic professional management techniques and issues.

PCN520 Project (FT)

| | |
|----------------|---|
| Pre-requisites | |
| Credit Points | 48 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2, SUM |

New and exciting technologies are playing an increasingly important role in everyday life. Modern healthcare is a good example of a field where technology has had a huge impact in the way patients are diagnosed and treated. Graduates are increasingly involved in the research and development of new technologies and also in its translation and implementation into clinical use. This unit aims to develop further your skills for carrying out such work in the form of a research project. The project may be carried out in collaboration with a hospital or industry. This unit aims to introduce and improve your

skills in carrying out research work in the form of a short research project.

PCN540 Project (PT)

| | |
|----------------|--|
| Credit Points | 24 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

New and exciting technologies are playing an increasingly important role in everyday life. Modern healthcare is a good example of a field where technology has had a huge impact in the way patients are diagnosed and treated. Graduates are increasingly involved in the research and development of new technologies and also in its translation and implementation into clinical use. This unit aims to develop further the student's skills for carrying out such work in the form of a research project. The project may be carried out in collaboration with hospitals or industry. This unit aims to introduce and improve the students skills in carrying out research work in the form of a short research project. (48 credit points achieved at completion of PCN540-1 and PCN540-2.)

PCN540 Project (PT)

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

New and exciting technologies are playing an increasingly important role in everyday life. Modern healthcare is a good example of a field where

technology has had a huge impact in the way patients are diagnosed and treated. Graduates are increasingly involved in the research and development of new technologies and also in its translation and implementation into clinical use. This unit aims to develop further the student's skills for carrying out such work in the form of a research project. The project may be carried out in collaboration with hospitals or industry. This unit aims to introduce and improve the students skills in carrying out research work in the form of a short research project. (48 credit points achieved at completion of PCN540-1 and PCN540-2.)

PCN701 Topics in Advanced Chemistry 1

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

The complexity of chemical systems studied in a research program and the sophistication of the modern instrumentation demand deeper theoretical understanding than that acquired in an undergraduate program. This unit provides students with the appropriate advanced level theoretical and practical knowledge necessary for the completion of their research program and for a research career in the academia and the relevant industry. The exact content of the unit depends of the nature of the research project that the student is undertaking. However, this could typically

include a selection of topics such as Advanced Materials Characterisation Techniques, Advanced Chemometrics Techniques, Advanced Chemical Testing and Calibration, and Advanced Methods of Data Interpretation.

PCN801 Topics in Advanced Chemistry 2

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

The complexity of the chemical systems studied in a research program and the sophistication of the instrumentation used demand that deeper theoretical understanding than that acquired in an undergraduate program. The aims of this unit are to extend and deepen the theoretical and practical background required for undertaking a research program and to provide the candidate with the appropriate theoretical and practical background, at an advanced level, necessary for the completion of a research program.

PMN501 Project Management Essentials 1

| | |
|----------------|--|
| Equivalents | PMQ501, PMN610 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit will furnish you with an appreciation of the nature and role of project management as a professional discipline. With a specific focus

on aspects of project planning and project development, the unit will describe, clarify, and formalise project management of the front end of projects to prepare you for further postgraduate study or bring new knowledge and skills to your professional endeavours.

PMN502 Project Management Essentials 2

| | |
|----------------|--------------------------------------|
| Equivalent s | PMQ502 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - 6TP3, 6TP5 |

This unit will furnish you with an appreciation of the nature and role of project management as a professional discipline. With a particular focus on the final two phases of project management; project delivery and handover, this unit will prepare you for further postgraduate study or bring new knowledge and skills to your professional endeavours.

PMN503 Systems in Project Management

| | |
|----------------|--|
| Equivalent s | PMQ503 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit is to further develop the student's knowledge and skills in considering and applying systems thinking and a systems approach towards all processes and aspects of project management. A systems approach to project be more effective and will best

integrate a project with it final user customer and all other stakeholders. The student will understand that the PMBOK processes are based on system thinking, and how to apply them.

PMN504 People and Projects

| | |
|----------------|--|
| Equivalent s | PMQ504 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

The unit is aimed at giving students practical skills in developing a high performance project culture. It focuses on the interpersonal; and intrapersonal dynamics and offers solutions to managing risk; setting objectives; monitoring performance in the non technical aspect of the project system. It looks at the project as a sociotechnical system. Strong focus on developing a collaborative culture in a project environment.

PMN601 Projects and Performance

| | |
|----------------|--|
| Equivalent s | PMQ601 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit will provide students with tools and techniques to design and analyse performance benchmarks in dynamic project environments that can be implemented across different disciplines. The changing dynamics of

workplace and emerging performance indicators make performance measurement and management a key issue in modern project management practice. The comprehensive review of project performance guidelines will be followed by specific analytical tools to enable students to have hands-on experience with complex management problems. Lastly, due to the dynamic nature of the topic, the students will conduct limited research into emerging performance indicators such as sustainability that compliments the traditional cost and schedule compliance, and new analytical tools afforded.

PMN602 Organisations and Projects

| | |
|----------------|---------------------------------|
| Equivalent s | PMQ602 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit will provide you with advanced skills and knowledge to manage human resources issues required to achieve outcomes critical for the success of a project. The unit will focus on aspects of effectively managing human resources at an organisational level, including project organisational structures, human resource planning, stakeholder management, high performance teams and organisational development.

PMN603 Project Investigation 1

| | |
|--------------|--------|
| Equivalent s | PMQ603 |
|--------------|--------|

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

Problems that confront Project Managers are ill-defined and complex. Problem identification, evidence-based literature searching, research design and planning and effective communication through reports and presentations are essential attributes of the modern Project Manager. This unit provides you with the knowledge of applied and evidence-based methods to critically appraise and solve discipline-specific real world problems and effectively communicate processes and solutions verbally and in writing. This unit will also assist you in the development of clearly-defined questions and techniques to plan and execute an applied project of your own design in PMN606 Project Investigation 2.

PMN604 Strategy and Projects

| | |
|----------------|---------------------------------|
| Co-requisites | PMN608 |
| Equivalent s | PMQ604 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit shows how your project or program grows out of the business lifecycle and also feeds into that lifecycle. The unit shows how the project or program adds value to both the client and provider organisations and that value

can be sustained for a long periods if managed appropriately. It details contemporary program and portfolio management approaches and practically relates them to organization dynamics and project benefits realisation.

PMN605 Strategic Project Procurement

| | |
|----------------|---------------------------------|
| Equivalent s | PMQ605 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit identifies the optimal procurement strategy for a project. It takes a strategic approach and positions procurement in the project lifecycle. It also provides the detail required to be an effective client or tenderer for projects. A broader range of procurement strategies and contract forms are now available to the market and clients and providers need to understand the risk profiles of each of them before entering into such contracts. The tools and techniques required are not the same for every contract and so both clients and providers must be prepared with both systems and suitably qualified people. It builds on a sound understanding of projects and the project lifecycle and informs the project risk assessment and risk allocation for the project.

PMN606 Project Investigation 2

| | |
|----------------|--------|
| Pre-requisites | PMN603 |
|----------------|--------|

| | |
|----------------|--|
| Equivalent s | PMQ606 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

Problem definition, evidence-based literature searching, applied research, reflective practice and effective communication of solutions through reporting are essential attributes of the modern Project Manager. This unit enables you to plan and execute an independent and applied research project addressing a relevant real world problem in a related project management discipline area and effectively communicate processes and solutions in a reflective way. It provides an opportunity to individualise your studies by concentrating on a specific problem and build on the applied, evidence-based research skills and knowledge you have gained in PMN603 Project Investigation 1.

PMN607 Strategic Risk Management

| | |
|----------------|---------------------------------|
| Equivalent s | PMQ607 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit takes a strategic approach to risk in the project and business lifecycles. A broader range of risk management frameworks are now available and clients and providers need to understand the features of each before any implementation. The

knowledge and skills developed in this unit contribute to effective identification, analysis, evaluation and treatment of risk to the project and the organisation in an integrated way. This unit builds on a sound understanding of risk and opportunities in projects to inform decision-making and the project and program risk allocation between client and provider. Teaching and learning approaches ensure that the skills acquired are applied.

PMN608 Managing the Project

| | |
|----------------|--|
| Pre-requisites | 48 credit points of study |
| Co-requisites | PMN604 |
| Equivalent s | PMQ608 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

The purpose of 'Managing the Project' is to integrate your learnings from the other units that you have studied in the MPM in order to plan, manage and execute a major and complex programme comprising multiple and related projects within a topical case study involving a real world styled venture. 'Managing the Project' will occur within a robust governance and assurance setting which will guide the programme and projects through a well-defined stage gate process, into commissioning and hand-over, and finally benefits realisation after transition to business as

usual. In 'Managing the Project', you will develop and acquire practical programme/project management experience in a 'real world styled' venture within an authentic learning environment.

PMN610 Project Management Principles

| | |
|----------------|--|
| Equivalent s | BEN610, PMN501, PMQ501 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit introduces project management as a fundamental skill for all postgraduate coursework students of the built environment and engineering. It also supports other disciplines including Business, Health, and Law. The unit provides an overview of the project management methodologies, frameworks, processes and key knowledge areas.

PMQ501 Project Management Essentials 1

| | |
|----------------|-------------------------------|
| Equivalent s | PMN501, PMN610 |
| Credit Points | 12 |
| Campus | Online and QUT Online |
| Availabilities | Online - SES1, SES3 |

This unit will furnish you with an appreciation of the nature and role of project management as a professional discipline. With a specific focus on aspects of project planning and project development, the unit will describe, clarify, and formalise project management

of the front end of projects to prepare you for further postgraduate study or bring new knowledge and skills to your professional endeavours.

PMQ502 Project Management Essentials 2

| | |
|----------------|-------------------------------|
| Equivalent s | PMN502 |
| Credit Points | 12 |
| Campus | Online and QUT Online |
| Availabilities | Online - SES1, SES3 |

This unit will furnish you with an appreciation of the nature and role of project management as a professional discipline. With a particular focus on the final two phases of project management; project delivery and handover, this unit will prepare you for further postgraduate study or bring new knowledge and skills to your professional endeavours.

PMQ503 Systems in Project Management

| | |
|----------------|-------------------------------|
| Equivalent s | PMN503 |
| Credit Points | 12 |
| Campus | Online and QUT Online |
| Availabilities | Online - SES2, SES4 |

This unit is to further develop the student's knowledge and skills in considering and applying systems thinking and a systems approach towards all processes and aspects of project management. A systems approach to project be more effective and will best integrate a project with its final user customer and all other stakeholders. The student will understand that the PMBOK

Units

processes are based on system thinking, and how to apply them.

PMQ504 People and Projects

| | |
|----------------|-------------------------------|
| Equivalent s | PMN504 |
| Credit Points | 12 |
| Campus | Online and QUT Online |
| Availabilities | Online - SES2, SES4 |

The unit is aimed at giving students practical skills in developing a high performance project culture. It focuses on the interpersonal; and intrapersonal dynamics and offers solutions to managing risk; setting objectives; monitoring performance in the non technical aspect of the project system. It looks at the project as a sociotechnical system. Strong focus on developing a collaborative culture in a project environment.

PMQ602 Organisations and Projects

| | |
|----------------|-------------------------|
| Equivalent s | PMN602 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES3 |

Effective human resource management is vital to the successful management of projects in all professional organisations. Managers at all levels must deal with and lead others through ongoing change and complexity, while managing constraints in time, cost and quality, as well as social, political and environmental influences.

Close consideration of human issues in project management is important to encourage creativity and innovation, and bridge cultural boundaries in an increasingly globalised project context. This unit will provide you with the advanced skills and knowledge to manage human resources at an organisational level as part of your overall project management approach.

PMQ604 Strategy and Projects

| | |
|----------------|-------------------------|
| Equivalent s | PMN604 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES3 |

This unit explores the detailed links between the business strategy and the projects, programs and portfolios delivered by an organisation. It explores tools and techniques to extract maximum value from the program and portfolio hence delivering optimal benefit for both client and provider organizations. This unit is particularly useful for clients and client-side program and project managers. It builds on a sound understanding of project and business lifecycles and informs the program and portfolio planning and development activities. Teaching and learning approaches ensures that the skills acquired are applied.

PMQ605 Strategic Project Procurement

| | |
|--------------|--------|
| Equivalent s | PMN605 |
| Credit | 12 |

| | |
|----------------|-------------------------|
| Points | |
| Campus | Online |
| Availabilities | Online - SES4 |

This unit takes a strategic approach and positions procurement in the project lifecycle. It also provides the detail required to be an effective client or tenderer for projects. A broader range of procurement strategies and contract forms are now available to the market and clients and providers need to understand the risk profiles of each of them before entering into such contracts. The tools and techniques required are not the same for every contract type so both clients and providers must be prepared with both systems and suitably qualified people. It builds on a sound understanding of projects and the project lifecycle and informs the project risk assessment and risk allocation for the project. Teaching and learning approaches ensures that the skills acquired are applied.

PMQ607 Strategic Risk Management

| | |
|----------------|-------------------------|
| Equivalent s | PMN607 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES4 |

This unit takes a strategic approach to risk in the project and business lifecycles. A broader range of risk management strategies are now available and clients and providers need to understand the features of each before any

implementation. It builds on a sound understanding of risk and opportunities in projects and informs the project and program risk allocation between client and provider. Teaching and learning approaches ensure that the skills acquired are applied.

PQB360 Global Energy Balance and Climate Change

| | |
|----------------|--|
| Equivalent s | PCB563 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Modern societies are becoming increasingly aware of potential environmental problems associated with conventional energy production technologies. Application of alternative technologies is therefore increasing, with ambitious targets and plans to support research and development for reducing energy related environmental consequences. This unit is designed to offer science and engineering students an opportunity to gain awareness about the expanding field of alternative energy technologies and to understand relationships between use of energy and its impact on local and global environment.

PUB100 Medical Terminology, Anatomy and Physiology

| | |
|----------------|---------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove |

es - SEM-1

The main aim of this unit is to provide students with an in-depth knowledge of the language of medical terminology and an understanding of anatomy and physiology that can be competently applied in a health care setting.

PUB101 Introduction to Clinical Classification

| | |
|----------------|--------------------------------|
| Pre-requisites | PUB100 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Clinical classification (clinical coding) is one of the major speciality tasks of a health information management service in a hospital. Clinical classification responds to internal and external demands for clinical information for management decision making, research and education. Coded data is used to underpin decisions relating to hospital funding, meaning that there is an imperative for the codes to be assigned correctly to ensure hospitals receive appropriate financial resources. PUB101 aims to develop your foundational skills in interpreting clinical documentation and clinical code selection. It will involve detailed study of all five classification volumes, comprising the International Classification of Diseases, 10th Revision, Australian Modification, the Australian Classification of Health

Interventions and the Australian Coding Standards (ICD-10-AM/ACHI/ACS). Practical application of the principles and techniques of coding will be undertaken.

PUB102 Foundations of Health Information Management

| | |
|----------------|--------------------------------|
| Equivalent s | PUB208 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit gives an introductory overview to health information management students of the field of health information and their role in the health information management profession. The unit provides a context for the study of contemporary health information and data management practice. The use of information as a strategic, organisational and management resource is discussed, and a broad appreciation of health information and data management procedures and philosophy is provided.

PUB104 Australian Health Care Systems

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

This is an important unit for any student intending to enter the health industry. It is designed to give a broad overview of the system of health care in Australia and its methods of operation. This unit outlines the

structure of the Australian health care system; examines the roles and responsibilities of a range of health system stakeholders, and explores a broad range of challenges confronting health care provision in Australia.

PUB110 Introduction to Health Informatics

| | |
|----------------|--------------------------------|
| Pre-requisites | PUB102 and IFB103 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Information technology used in healthcare facilitates collection of information using software with underlying databases to support the storage and retrieval of information on a regular basis. Healthcare professionals, especially those involved in data management side of operations, must understand the practices associated with information management and have technical skills to support clinicians and administrators in using data for reporting purposes. As health information systems is a continuously evolving knowledge area, it is vital to build a fundamental understanding of informatics principles before seeking development of advanced skills in health informatics. PUB110 will therefore give you a foundational understanding of health information systems. You will examine how healthcare organisations store, access and use information to facilitate daily operations. This

unit provides essential skills to understand the role and significance of health information systems.

PUB202 Advanced Clinical Classification

| | |
|----------------|--------------------------------|
| Pre-requisites | PUB101 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit will allow you to build on your skills in the application and rules for classification of diseases and health interventions using the International Classification of Diseases 10th revision Australian modification (ICD-10-AM), the Australian Classification of Health Interventions and the Australian Coding Standards. You will refine your clinical knowledge, improve your skills in abstraction of data from source documents and understand the need to access feeder information systems to support coding. You will also learn and apply coding quality assessment techniques. This unit has special conditions of assessment required for students to demonstrate coding competency.

PUB204 Resourcing and Managing Health Budgets

| | |
|-----------------|--------------------------------|
| Pre-requisites | PUB104 |
| Anti-requisites | PUB480,PUB609 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 |

External
- SEM-2

This unit introduces you to the concepts and methods that underpin decisions about the allocation and management of scarce health care resources at the system, organisation and departmental levels in health care. An understanding of the cost drivers in health care, how resource allocation priorities are determined and decisions made, together with knowledge about the principles of sound financial management will provide you with the knowledge and skills required to effectively manage the resources under your responsibility and to contribute to discussion and debate about health care funding decision making. By the end of the semester, you will be expected to have developed sufficient knowledge and skills to be able to describe and critically evaluate health care financing priorities and systems and make recommendations for their implementation.

PUB208 Understanding Health Information

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

This unit gives an introductory overview to public health professionals of the uses and applications of health information in the health industry. Understanding information the diversity of health information resources available will assist public

health professionals to recognise the potential of health information as a valuable resource. The unit provides context to the quality by providing an understanding of the data quality frameworks, data organisation, standardisation and management principles relevant to systems within the health industry.

PUB209 Health, Culture and Society

| | |
|----------------|--------------------------------|
| Equivalent s | NSB017 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

In this unit we study social and cultural dimensions of the human body, mind, and health. The unit focuses on public health from sociological and anthropological perspectives, with a core emphasis on the ways in which social, cultural, political, and economic systems shape human health behaviours and outcomes. We examine the practical relevance of key social theories in relation to understanding complex phenomena, such as cultural safety, risk-taking behaviours, life-expectancies, and death. We examine links between ethnicity, class, gender, sexuality, geography, and health. The fundamental message is that identifying and addressing social and cultural factors that shape people's experiences of health, illness and health systems is integral to reducing health inequalities,

delivering appropriate services and ultimately improving population health outcomes. This is a multidisciplinary and interprofessional unit and welcomes students from a wide range of range of courses.

PUB215 Public Health Practice

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

This unit introduces you to the values, frameworks, principles, and skills which underpin Public Health. It focuses on what public health professionals do and how their work makes a difference in the world in which we live. The unit uses a topic-based approach so that you can learn and apply the core Public Health skills to a real world Public Health issue.

PUB326 Introduction to Epidemiology

| | |
|-----------------|--------------------------------|
| Anti-requisites | HLN710 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Epidemiology is the basic scientific method of public health. It is the study of the distribution and determinants of diseases, health conditions, or events among populations and the application of interventions to control health problems. Epidemiological methods are used to generate the evidence base for clinicians, health promotion specialists, health

educators, nutritionists, and health service managers.

PUB332 Sustainable Environments for Health

| | |
|-----------------|--------------------------------|
| Anti-requisites | PUB107 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit provides an overview of environmental health and introduces the importance of achieving environments that are able to sustain human health. In particular, the unit covers the practice of environmental health, its scientific foundations, and its integral place in the overarching discipline of public health.

PUB336 Women's Health

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

Women's health status is influenced internationally and nationally by a complexity of factors. The health of women has an impact on the health of families, children and the community. Women's health is therefore important to study because of its impact on the overall health of the population. 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,

Units

economic, cultural and political influences on women's health, and the specific needs of sub-populations of women are examined. This advanced undergraduate unit will explore these factors and the contemporary health problems from a social, economic and political perspective and study the health needs of specific groups of women. The unit complements studies in public health, social sciences, nursing and allied health.

PUB358 eHealth Concepts

| | |
|----------------|--|
| Pre-requisites | ((PUB208 or PUB102) and PUB202) or 192cp |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit will provide the student with an understanding of contemporary health information technologies and their application in the health sector. Students will have the opportunity to explore the technical requirements and processes surrounding the introduction of electronic health records, including privacy, person and provider identification, hybrid EHRs, interoperability, terminologies, EHR structures, decision support systems, internet applications and management of transition to EHRs and legacy systems.

PUB359 Health Information Management

| | |
|----------------|------------------|
| Pre-requisites | PUB102 or PUB208 |
|----------------|------------------|

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

This unit will provide the student with an understanding of the management and operating principles of health information services.

PUB370 Practical Clinical Classification

| | |
|----------------|--------------------------------|
| Pre-requisites | PUB359 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

As a Health Information Manager, it is essential to thoroughly understand clinical coding to support Activity Based Funding and casemix systems. This unit will provide students with greater competence and confidence in the use of the International Classification of Disease 10th revision Australian modification, the Australian Classification of Health Interventions and the Australian Coding Standards. Through hospital based placements, students will code from actual medical records and utilise IT feeder systems to support their coding decisions. Advancement of coding quality processes and techniques will also be covered. This final semester unit builds on the introductory and advanced clinical classification units studied in previous years and will assist the graduate in being ready for employment in a clinical coding role.

PUB371 Transition to Professional Health Information Management Practice

| | |
|----------------|--------------------------------|
| Pre-requisites | PUB359 |
| Equivalent s | PUB364 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This is one of the final three units prior to graduates commencing work as a health information management professional. Recognising that your level of expertise is at the beginner practitioner level, this unit is designed to develop professional skills in critical reflection that help define you as a health care professional and set you on a pathway of continuing professional development. It will also instil and nurture your development in the areas of personal qualities, values, attitudes and behaviours which are fundamental to HIM practice within the broader context of health care. Through the opportunity for work integrated learning, you will develop evidence based knowledge and implement reflective processes to improve the quality of your health information practices. These strategies and processes are necessary for the transition into the workplace.

PUB373 Integrated Health Information Management Practice

| | |
|----------------|-------------------|
| Pre-requisites | PUB359 and PUB514 |
| Equivalent | PUB368 |

Units

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| s | |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

The aim of this unit is to develop high level, practical Health Information Management skills. Increased understanding of the various roles that health information managers play in the health care system is emphasised through work integrated learning experiences. Students will undertake project work as negotiated with their placement supervisor. This is the capstone unit for the Health Information Management course and a time for you to cement your framework for professional practice. This unit will provide you with the opportunity to reflect upon your learning goals, reevaluate the outcomes of your earlier academic experiences and further develop understanding of your role as a professional health information management practitioner. The outcome of this placement unit will provide you with a sound platform from which to move from the university setting to the workplace.

PUB380 Casemix and Activity Based Funding

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

The focus of this unit is to introduce current national and

state-based initiatives relating to casemix and Activity Based Funding for acute, subacute and non acute services. Included will be the relationship between clinical classification and financial management, peer group cost weights, cost modelling, inlier and outlier payments, co payments and use of ABF and casemix data to predict activity and costs.

PUB406 Health Promotion Practice

| | |
|----------------|---|
| Pre-requisites | PUB215 or PUB530 or PUB251 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit extends the fundamental health promotion knowledge learnt in PUB215 Public Health Practice, and PUB530, Health Education and Behaviour Change to enable the translation of knowledge into practice. The range of health promotion strategies available to practitioners working in health related fields, relative strengths and weaknesses for addressing specific health problems and practical considerations for effective implementation in contemporary health promotion practice provide an essential field of study for those who wish to work in a health promotion or related field. PUB406 provides essential learning for PUB875 Professional Practice.

PUB416 Research Methods

| | |
|----------------|---|
| Pre-requisites | PUB561 or (XNB148 and XNB255) |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

An understanding of the research process, different types of research, and how to interpret and critically evaluate research in its multiple forms is needed to work effectively in Public Health and related areas. This unit strengthens skills and knowledge acquired in prior units within the Public Health degree, most particularly those pertaining to the core Public Health competencies of assessment and analysis by focussing on research design and planning. The unit aims to prepare you to critically engage with, evaluate and conduct high quality research within Public Health and related areas; skills that are needed in the majority of Public Health-related professional positions.

PUB461 Qualitative Inquiry in Public Health

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

Qualitative methods enable researchers to gain knowledge and understanding of people's lived experiences, the meanings they ascribe to them, and to the social context in which they take place. The nature and complexity of many

public health problems require a mix of research methods and the contributions of qualitative inquiry are now well recognised. This unit is an integral component of the public health course because you will learn the skills and knowledge required to appreciate and apply qualitative research in your professional practice. This unit is placed at this point in the course because you acquired in PUB215 a sound knowledge and understanding of the fundamental and complex public health concepts so can now develop specific research knowledge and skills. PUB461 belongs to the suite of four research units available in PU52 and associated degrees.

PUB490 Quality Management in Health

| | |
|----------------|--|
| Pre-requisites | Completion of 96cp |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

Quality and risk management are increasingly important areas of activity for health care professionals with regard to clinical and administrative services, patient advocacy and more generally within health services as a whole. This unit provides you with the necessary knowledge and skills to develop a quality management program, perform quality improvement activities, and expand outcomes into process improvements and

organisational change. Methods of health care performance measurement are explored, and a clinical quality framework model is introduced. Issues relating to administrative and clinical data quality, safety and privacy in an increasingly electronic health care environment are also considered. This unit aims to provide a broad overview of health service and clinical management, and is suitable for all undergraduates enrolled in a health-related degree.

PUB514 Contract / Project Management

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1, SEM-1, XCH-1, XCH-2 |

This is an important unit for students entering the health industry as your efficient management associated with the delivery of health services is enhanced by knowledge and exposure to the principles of formalised project and contract management.

PUB530 Health Education and Behaviour Change

| | |
|-----------------|---|
| Anti-requisites | PUB329, PUB341 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit gives you the skills to

bring about change in health-related behaviours through educational interventions. Topics covered include key health education and behaviour change theories, frameworks, strategies; approaches to bring about change in different contexts; research and design of educational interventions to suit different target populations in different settings, using evidence-based practice; and health literacy as a function of health education.

PUB545 Health Policy, Planning and Advocacy

| | |
|-----------------|--|
| Pre-requisites | Completion of 192cp |
| Anti-requisites | PUB511 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit consolidates knowledge of health policy development and reform and the processes that translate policy into public health practice. Topics covered include translating a health policy into a plan for professional practice; critical examination of advocacy processes and the impact on policies; planning and evaluating the impact of programs; and policy strategies in collaborative teams.

PUB561 Statistical Methods in Health

| | |
|-----------------|----------------|
| Anti-requisites | PUN105, MAB141 |
| Credit Points | 12 |

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|----------------|--|
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - XCH-1, XCH-2 |

An understanding of basic statistical concepts and the ability to analyse and interpret quantitative data is an important skill for all graduates in health-related disciplines. Descriptive statistics are required to effectively summarise and communicate important information in data, while inferential statistics enable conclusions to be extended beyond the immediate data. An understanding of the principles underpinning both types of statistical methods is critical not only for the analysis of data, but also for the critical appraisal of health literature. This unit introduces the foundational skills for quantitative research and is a stepping stone into PUB416 Research Methods.

PUB565 International Health

| | |
|----------------|---|
| Pre-requisites | PUB215 or PUB251 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

International health will broaden student's understanding of global health systems and programs, providing an advanced level analysis that explores systems and methods that have been devised to address population

health problems in developing and developed countries. Students examine the historic context of the international health movement from the early 1900s to recent changes in global health systems, explore the diversity of services between and within countries, and consider issues of globalisation, economic reform, health equity and ethics. This unit is particularly relevant to students who are interested in international health development work.

PUB875 Professional Practice

| | |
|-----------------|--|
| Pre-requisites | (Completion of 240 cp including PUB514) or (Completion of 240cp including SWB401 and SWB312) |
| Anti-requisites | PUB645, PUB821 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This practice unit is an essential part of preparation for professional practice. It enables integration of theory with practice, enhancing skills for employability. QUT Public Health students are required to gain at least 185 hours of practical work experience before graduation. This practical experience, undertaken during semester 2 and in pre- and mid-semester breaks, enables students to work with professional public health practitioners in office, laboratory or site-based environments. Students are supervised and engaged in productive work.

PUN015 Environmental Management and Sustainability

| | |
|----------------|---|
| Pre-requisites | PUN465. PUN465 can be studied in the same teaching period as PUN015 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

Population growth, non-renewable energy use, pollution and consumption are threatening the Earth's planetary systems that enable human health and wellbeing. With strong community pressure, government and private organisations are increasingly interested in environmental management, corporate compliance with environmental laws and showcasing their adoption of sustainable practices that reduce their ecological footprint. Organisations rely on environmental management, sustainability and HSE professionals to effectively manage environmental protection and lead in the adoption of new ideas and technologies that advance sustainable ways of working and living. The unit builds on previous study in the Master of HSE. It assumes high level understanding of the science, sustainability principles and imperative legal frameworks for environmental management. It promotes collaboration in complex thinking and collective capacity for effective action to address both local and major planetary

challenges.

PUN016 Risk Assessment

| | |
|-----------------|--|
| Anti-requisites | PUN008 and PUN467 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

PUN017 Health Planning and Evaluation

| | |
|----------------|--|
| Pre-requisites | PUN640 and PUN106 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

Effective responses by the health system to the major challenges derived from a rapidly changing world require effective planning which integrates capital, workforce and service planning. Planning is both a technical and political activity. Planning ranges from implementation of pre-set activities to the more contentious problem of how to make decisions about spending where there are fiscal, social and environmental resource constraints. Health managers have a responsibility to lead the future direction of health services by planning for future needs. This unit is an introduction to the principles and practice of integrated health planning and the evaluation of the effectiveness of health policies, plans and services. This unit will cover

the spectrum of planning including the identification of the planning context, data to inform planning, the planning process, articulation of the plan into action and post implementation evaluation.

PUN103 Advanced Epidemiology

| | |
|----------------|--------------------------------|
| Pre-requisites | PUB326 or HLN710 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Epidemiology is an important scientific discipline in health research, clinical practice and public health decision-making. Currently, there is an increasing demand for scientific evidence-based health research and public health policies, and an increasing trend towards health research that considers complex biological, environmental and societal inter-relationships and/or evaluates the effectiveness of population-based interventions. You will learn about recent developments in epidemiology that contribute innovative research designs and analytical methods to complement these needs. Such knowledge and skills are critical for evaluation of current epidemiological literature, design of health research, and interpretation of research results. This unit will provide you with advanced knowledge and skills in critique of epidemiological literature, design of research projects, and interpretation of research

findings.

PUN105 Health Statistics 1

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2 |

This is a foundational research methods unit which introduces fundamental statistical concepts relevant to describing data and testing scientific hypotheses. An understanding of basic statistical concepts is a fundamental research skill in any scientific or health discipline. Such knowledge is mandatory for critical evaluation of the research literature, for design of efficient research studies, and to inform appropriate interpretation of research results. As such, the concepts taught in this unit are essential for postgraduate students intending to undertake independent research, and indeed, to any student attempting to critically evaluate research literature. This is an introductory unit and knowledge and skills developed in this unit are relevant to a variety of health disciplines. HLN706 Health Statistics 2 builds on this unit by extending your knowledge and skills, allowing you to conduct more complex analysis.

PUN106 Population Health

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|---------------|---------------------------|
| Equivalents | PUQ106 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |

Units

| | |
|----------------|--|
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |
|----------------|--|

Current and future national and international challenges for optimising population health are examined within a social determinants framework, and public health approaches to population health challenges are examined. This unit is a foundation unit for graduate public health, environmental health and health safety and environment students, and is taken in the first year of a full-time postgraduate degree.

PUN210 Contemporary Health Management

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|----------------|--|
| Equivalents | PUQ210 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - SEM-1, SEM-2 |

Health system managers require appropriate knowledge, competencies and attitudes to confront the challenges facing the health of modern communities. Acquisition of management competencies can best occur by application of an extensive knowledge of the theoretical principles that underlie organisational behaviour and the systems, structure and processes that characterise modern health services. This unit forms the knowledge and competency basis for health managers and lays the groundwork for more advanced education in the leadership role of health executives.

PUN212 Health Information Management Perspectives

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit gives an introductory overview of the field of health information and its uses and applications in the health industry. The unit provides a context for the study of contemporary health information and data management practice. The use of information as a strategic, organisational and management resource is discussed, and a broad appreciation of health information and data management procedures and philosophy is provided. Demands on the users of health information occasioned by advances in information technology are highlighted.

PUN213 Quality Management in Health

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

Current and future national and international approaches to improving health care quality and patient safety are examined using a synthesis of theory, research and real world experience to promote students' development of the necessary knowledge and

skills required to design and implement a quality management program, perform quality improvement activities and translate the outcomes of these into process improvements and organisational change. This unit is the foundation unit in the Quality and Patient Safety major. It provides the underpinning content knowledge and context required for more in depth study of quality and patient safety systems and leadership offered in PUN214 Systems of Quality and Safety in Health and PUN219 Leadership of Quality and Safety in Health.

PUN214 Systems of Quality and Safety in Health

| | |
|----------------|--|
| Pre-requisites | PUN213. PUN213 may be enrolled in the same teaching period as PUN214 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit provides a critical in depth examination of the theory behind and application of quality and safety systems to health services. It covers legal and regulatory systems, quality certification and accreditation systems, safety systems and models, performance management including performance frameworks for the measurement, monitoring and reporting on quality and safety. The value of these, their breadth of coverage and their application to different health care settings are analysed using case studies from both

successful systems and systems experiencing failure evidenced by patient safety and quality issues.

PUN219 Leadership of Quality and Safety in Health

| | |
|----------------|--|
| Pre-requisites | PUN213 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

Quality and risk management are important areas of focus and activity in the health industry as health service operation and performance is increasingly regulated and monitored by governments and funders. At all levels of the health system, individuals, teams, divisions, organisations, boards and policy makers are expected to contribute to the maintenance of health care quality and safety standards and to participate in the quality improvement of services provided. This unit provides you with advanced knowledge of leadership theories and frameworks critical for an effective quality and safety culture in health care organisations and promotes the development of the personal attributes and leadership skills required to engage and motivate staff in strategic quality improvement and innovation. The aim of this unit is to develop appropriate knowledge and skills to lead the implementation of effective quality and patient safety programs within a health care

setting.

PUN301 Occupational Health and Safety Law and Policy

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

This Unit provides an overview of the many different aspects of managing occupational health and safety associated policy and law at an enterprise level. The Unit focuses on legislative compliance for organisations, the relevant legislation, Codes of Practice and industry standards, as well as how Policy is used to design implementation and verification strategies. In addition, the Unit has an emphasis on preparing the student with the requirements to appropriately analyse and inform employers within the scope of practice of a senior safety advisor/safety manager. The Unit assessments provide students with the opportunity to apply the knowledge and skills gained in an organisational context. OHS Professionals are expected to appropriately inform an organisation's senior management (Duty Holders) to assist them in exercising their due diligence. The assessments address both strategic analysis of policy and law, as well as application in response to serious incidents or breaches.

PUN363 Environmental Health Law

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

Legal frameworks, such as the *Public Health Act 2005*, the *Environmental Protection Act 1994*, the planning legislation, local laws and other State and local legislation, provide the basis for environmental health and environmental management practice. A thorough understanding of this legislation, the prosecution process and other legal frameworks is vitally important to the practice of an environmental health professional. Major topics covered include: an introduction to law and government, public health law, planning and environmental law, local laws, administrative law and investigation processes.

PUN364 Food Safety

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

Food is a fundamental human need and a prerequisite to good health. Ensuring that the food we eat is safe is a major function of both government and industry. The food sector is one of the largest industries in Australia, with over 20 billion meals provided each year. Even though the food supply in

Australia is one of the safest in the world, government data indicates that each year over 5 million cases of gastroenteritis are believed to be caused by contaminated food (most of these being unreported to health authorities). The aim of this unit is to develop a detailed understanding of food contaminants, food safety principles and legislation and their application so that future health professionals are able to identify and implement processes to ensure a safe food supply and prevent food-borne illness in the community. The material in this unit focuses on food safety regulation, but is also relevant to professionals working in the areas of food service management and nutrition.

PUN451 Disaster Management

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit will develop your knowledge and understanding of the principles and practice of disaster management including your ability to evaluate the effectiveness of current arrangements and to apply those principles to system preparedness. This will equip you to contribute significantly to reducing the adverse impacts on human health and wellbeing, the economy and the physical and natural environment.

PUN452 Disaster Planning and Preparedness

| | |
|----------------|--|
| Pre-requisites | PUN451. PUN451 may be enrolled in the same teaching period as PUN452 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit seeks to develop your in depth understanding and ability to evaluate the systems, structures and processes required to ensure essential services and the communities they serve are prepared for disasters that threaten the health and wellbeing of the community.

PUN453 Disaster Response and Recovery

| | |
|----------------|--|
| Equivalent s | PUQ453, PUZ453 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

This unit addresses the key concepts and skills related to inclusive disaster response and recovery in local, national and international contexts. It examines and provides students practice in the real-world processes of responding to, and providing inclusive relief to communities due to human-made, technological, weather and climate-related disasters, and providing an enabling environment for affected individuals, communities and broader society, to recover from, and strengthen, inclusive and sustainable resilience to

the physical, social, environmental and economic impacts of future emergency and disaster events. Upon completion of this unit you will have a greater understanding of how to implement a disaster inclusive response and develop funding proposals.

PUN454 Leadership in Disaster Management

| | |
|----------------|--|
| Pre-requisites | PUQ451 or PUN451 or PUZ451 |
| Equivalent s | PUQ454, PUZ454 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

This unit addresses the key concepts and skills related to leadership and strategic issues related to inclusive, future-oriented disaster risk management and resilience building. It examines the underlying drivers of risk, including factors such as social, economic, technological, climate-related health issues, increasing global interdependencies and uneven economic development. The unit provides opportunities for environmental scanning, stakeholder mapping, crisis communication planning and decision-making in rapidly changing environments. Upon completion of this unit you will have a greater understanding of the critical role of the disaster and emergency risk assessment and how to prepare and deliver a media briefing using effective

communication strategies and protocols.

PUN465 Environmental Protection

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - SEM-2 |

A pollutant is defined as 'a particular chemical or form of energy that can adversely affect the health, survival, or activities of humans or other living organisms' (Miller 2000). Pollutants in the form of solids, liquids, gases or energy emissions enter our environment by natural or anthropogenic means. With the potential for pollution to severely impact the life support system of humans and other organisms, it is necessary to implement a variety of approaches to protect the environment and ensure its sustainability. This unit builds on the environmental health concepts covered in PUN620 and the legal concepts of environmental protection covered in PUN363.

PUN466 Communicable Diseases

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

Public health practice originated from the study and prevention of communicable diseases. Whilst public health

practice has widened in scope, reducing the incidence of both existing and emerging communicable diseases (nationally and internationally) remains one of the greatest challenges to public health practitioners. Relevant activities undertaken by local/state health agencies include public health surveillance and outbreak investigation measures, immunisation programs, monitoring and enforcing infection control standards, and vector control programs. A comprehensive overview of communicable diseases is provided at the start of this unit, followed by a focus on the prevention and control of communicable diseases.

PUN500 Occupational Health and Safety Management

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit explores legislative and practical requirements for managing health and safety in a workplace using a systems approach. It will provide you with the essential knowledge necessary to make recommendations, which ensure that an organisation has set effective OHS criteria to prevent occupational injury and disease. You will apply the concepts explored in this unit to critically analyse and evaluate the systems approach to OHS. By gaining an understanding of how to

develop and implement control actions, you will learn how to design appropriate health and safety systems that eliminate or control hazards, enhance preparedness and responses to emergency situations, comply with legislation and drive best practice. You will explore how regular auditing and review strengthens the systematic approach to OHS management.

PUN617 Health, Safety and Environment Leadership and Management

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

To successfully manage health, safety and environmental hazards, the practitioner needs to be able to communicate effectively and select and implement appropriate tools and management strategies. Recognising and developing leadership skills is also crucial for achieving their full potential in the field, This unit is therefore designed to integrate the theory and practice covered in other environmental health/occupational health and safety units, and equip students with management, leadership and communication tools and strategies that can be applied in a range of contexts.

PUN620 Concepts of Environmental Health

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

There is increasing evidence that the integrity of the environments in which we live is under substantial pressure, particularly from the way we live. The end result of such pressure is that the basic and fundamental pre-requisites for human health are threatened. The science of Environmental Health has always been concerned with the study of the human - environment interface, and now even more than ever, practitioners are needed who understand this link and the strategies available to control and minimize the risks associated with environmental health hazards. Topics covered include: an introduction to environmental health, ecosystems and sustainability; environmental health issues (e.g. air pollution, water and sanitation, waste and contaminated land, communicable diseases and food safety, physical agents, disaster management); and environmental health settings including the built environment.

PUN632 Leadership in Health Management

| | |
|-----------------|---------------------------|
| Anti-requisites | PUN610 |
| Equivalent s | PUQ632 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |

| | |
|----------------|--|
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |
|----------------|--|

In the challenging environment of the contemporary health system, managers will be required to provide organisational leadership to ensure that services continue to evolve to meet the changing community needs and the changing service delivery challenges. Such leadership requires the acquisition of knowledge and the development of competencies in leadership that may enable the future manager to address the current and future challenges. The unit further develops skills in addressing contemporary problems in public health related to the management of health services and prepares students to consider the strategic importance of leadership throughout all public health areas. You will be challenged to critically evaluate your leadership capabilities and philosophy.

PUN640 Health Systems

| | |
|----------------|--|
| Equivalent s | PUQ640 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

The aim of this unit is for you to explore systems of health care both in Australia and internationally and the factors that influence the design and functioning of those systems so that you may contribute to the

future development of health systems. The unit will use the Australian Health Care system as a case study but seek to draw from our examination of that system the concepts and analytical principles that may apply to all systems of health care. This unit introduces conceptual frameworks fundamental to the organization of health systems. Issues covered include the structure, operations, funding and evaluation of health systems and the evaluation of health system reform.

PUN688 Health Policy in a Global Context

| | |
|----------------|--|
| Pre-requisites | PUN640 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

Health policy is a major driver of health systems, their structure and functioning. Well-informed and executed policies contribute and communicate important information and evidence in the management of health organisations. The globalisation of the health sector and its governance structures as well as the changing global burden of disease present policy-makers with a complex and challenging environment in which to construct and implement responsive health policy. This unit will provide you with a critical understanding of policy-making theories and principles as well as the interplay of

factors that influence policy development, implementation and evaluation. Global health issues will be used to illustrate and critically evaluate the policy process providing you with the knowledge and skills required to undertake health policy development, implementation and evaluation in a wide range of contexts.

PUN704 Health Management Internship

| | |
|----------------|--|
| Pre-requisites | PUN640 and PUN632 and completion of 144 credit points |
| Credit Points | 24 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM External - SEM-1, SEM-2, SUM |

Based in a workplace, this unit takes an experiential approach to synthesise your knowledge of health care systems with your skills of investigation and analysis of complex information to contribute to professional practice and scholarship. This unit involves the planning and execution of a substantial work-based research project or equivalent capstone experience, by applying the principles and concepts studied across the course into the real world of health services delivery and health policy. A capstone unit is a point of transition for you, and prompts reflection and coherence to the whole course experience. **Limited placements are available. Students are matched to placements based on placement availability and student competencies.**

PUP032 Health Promotion 2: Theories

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

The unit examines the complexity of factors that influence change within individuals, groups, communities and organisations to improve the public's health. You are introduced to health promotion theories and their use for understanding determinants of health behaviours and for the development of health promotion programming.

PUP034 Health Promotion 3: Program Planning

| | |
|-----------------|--|
| Pre-requisites | PUP032 |
| Anti-requisites | PUN613, PUP023 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

This unit is in the developmental stage of your course and furthers your knowledge and skills developed in PUP032 and PUP038 for developing a health promotion program. With a large portion of health promotion work involving the development of health promotion programs, the unit allows you to develop the skills that are essential for a health promotion practitioner. PUP034 provides you with opportunities

to build, practise and provide evidence of your analysis and problem-solving skills for developing a health promotion program proposal. The unit should be taken either concurrently with PUP037, or before it.

PUP037 Health Promotion 4: Program Evaluation

| | |
|----------------|---|
| Pre-requisites | PUP032 and PUP034. PUP034 can be studied in the same semester as PUP037 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-2 External - SEM-2 |

Evaluation is a crucial aspect of health promotion and public health work. Within the health sector there is strong competition for funding from the government and non-government sectors. The need to use evidence upon which to make judgments about programs and influence policy rests increasingly on robust evaluations. This unit will advance your knowledge and application of evaluation techniques. This unit is in the developmental stage of your course and furthers your knowledge and skills developed in prior units. PUP037 provides you with opportunities to build, practise and provide evidence of your analysis and problem-solving skills for developing a health promotion program evaluation plan. You will conduct a small-scale evaluation of a health program based on theory and the evidence. The unit should

be taken either concurrently with PUP034 or after it as PUP037 assumes that you are currently receiving or have prior knowledge in health program planning principles.

PUP038 Health Promotion 1: Paradigms

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

As the health policy agenda shifts to embrace prevention, health promotion is an important area of study for health professionals interested in population health. The evolution of health promotion methodologies and policies reflect changing physical, social and political environments and health issues, as well as new research findings. This unit focuses on developments in health promotion which have emerged from the interaction of theoretical frameworks, the changing physical, social and political environments and the growing evidence base. This shift includes a focus on the health impact of biological, physical and social conditions throughout the life of an individual (life course perspective), a settings approach and the expansion of new technologies. You will examine the relationship between these and recent developments, the evidence and contribution to the ongoing effectiveness of health promotion.

PUP116 Human Factors and Ergonomics

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

Human Factors and Ergonomics (HFE) 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 taking into account considerations of physical, social, psychosocial, organisational, environmental and other relevant factors. Knowledge of current methods and techniques commonly used in ergonomics is essential for occupational health and safety generalist professionals. HFE has great potential for generalist OHS professionals to contribute to the design and evaluation of tasks, work systems, product/service systems and environments. HFE has a unique combination of three fundamental characteristics: 1. it takes a systems approach; 2. it is design driven; 3. it focuses on two closely related outcomes: performance and well-being.

PUP250 Toxicology and Occupational Hygiene

| | |
|--------|----|
| Credit | 12 |
|--------|----|

| | |
|----------------|--|
| Points | |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

Occupational hygiene involves the anticipation, recognition, evaluation and control of hazards in the working environment. Workplaces contain numerous hazards which are potentially harmful to the human health of workers, other occupants and the public. The role of the occupational health and safety professional is to develop and /or assist in the development of management strategies to identify these potential hazards, evaluate the risk they pose to persons, property and equipment and to recommend control measures which will manage the risks involved.

PUP415 Occupational Health

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit concentrates on the various agents in the workplace capable of adversely affecting the health of workers, as well as human response to toxic and imperilling environments. Occupational health covers identification, prevention and management of risks to health in the workplace, the disease process, occupational rehabilitation and health & wellbeing surveillance and management in the workplace.

PUQ106 Population Health

| | |
|----------------|-------------------------------|
| Equivalent s | PUN106 |
| Credit Points | 12 |
| Campus | Online and QUT Online |
| Availabilities | Online - SES2, SES4 |

Health professionals face a complex and changing health profile locally, nationally and internationally, and the biomedical model for understanding health problems does not adequately explain these complexities or sufficiently help health professionals successfully intervene to improve the population's health. It is therefore critical for health professionals to reflect upon the social and behavioural factors that influence health and work in partnership to influence these factors. This unit is a foundation unit for graduate public health, environmental health and health safety and environment students, and is taken in the first year of a full-time postgraduate degree. The unit provides postgraduate health students with a population health foundation, and is a building block for postgraduate study in health.

PUQ210 Contemporary Health Management

| | |
|----------------|-------------------------------|
| Equivalent s | PUN210 |
| Credit Points | 12 |
| Campus | Online and QUT Online |
| Availabilities | Online - SES1, SES3 |

This is a core unit in the

Graduate Diploma and Master of Health Management programs. The unit explores the principles and practice of management in health to inform your role as a health manager. The unit focuses on core health management activities: organisational management; strategic management; resource management including financial and human resource management; information management; project management and change management. The focus of this unit is on the development of the analytical, evaluative and political skills required by health managers who must work in complex systems and organisations characterised by constant change.

PUQ451 Disaster Management

| | |
|----------------|-------------------------|
| Equivalent s | PUZ451 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES3 |

PUQ452 Disaster Planning and Preparedness

| | |
|----------------|-------------------------|
| Equivalent s | PUN451, PUZ452 |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES3 |

PUQ453 Disaster Response and Recovery

| | |
|---------------|----------------|
| Equivalent s | PUN453, PUZ453 |
| Credit Points | 12 |

| | |
|----------------|-------------------------|
| Campus | Online |
| Availabilities | Online - SES4 |

PUQ454 Leadership in Disaster Management

| | |
|----------------|--------------------------------------|
| Pre-requisites | PUQ451 or PUN451 or PUN450 or PUZ451 |
| Equivalent s | |
| Credit Points | 12 |
| Campus | Online |
| Availabilities | Online - SES4 |

PUQ632 Leadership in Health Management

| | |
|-----------------|-------------------------------|
| Anti-requisites | PUN610 |
| Equivalent s | PUN632 |
| Credit Points | 12 |
| Campus | Online and QUT Online |
| Availabilities | Online - SES2, SES4 |

In the challenging environment of the contemporary health system, managers will be required to provide organisational leadership to ensure that services continue to evolve. They must evolve to meet the changing community needs and the changing service delivery challenges. Such leadership requires the acquisition of knowledge and the development of competencies in leadership, which may enable the future manager to address current and future challenges. This unit will provide you with the knowledge and competencies to cope with the complex and changing environment of healthcare delivery. The aim of this unit is to apply knowledge of the key issues confronting

health and critically inform strategic management.

PUQ640 Health Systems

| | |
|----------------|-------------------------------|
| Equivalent s | PUN640 |
| Credit Points | 12 |
| Campus | Online and QUT Online |
| Availabilities | Online - SES1, SES3 |

The aim of this unit is for you to develop an understanding of systems of health care both in Australia and internationally, of the factors that influence the design and functioning of those systems and of the concepts underpinning health system reform. The unit has been designed on the basis of insights drawn from research, policy and practice, and utilises concepts of effectiveness, efficiency and equity to evaluate systems and their components. We will use the Australian healthcare system as a case study but seek to draw from our examination of that system the concepts and analytical principles that may apply to all systems of health care.

PUZ018 Cost-effectiveness Analysis for Healthcare Decision Making

| | |
|----------------|--------------------------------|
| Equivalent s | PUN018 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

In this unit, you will develop applied skills in cost-effectiveness analysis that can be used to inform decision making in healthcare.

Evaluating the costs and health outcomes of innovations in healthcare are important steps in allocating scarce healthcare resources. You will attend a five-day intensive block learning program consisting of lectures, practical computer exercise, and group assessment items. On completing the unit, you will have a thorough understanding of the principles and techniques of cost-effectiveness analysis to conduct evaluations in health services.

PUZ019 Implementation Science - Theory and Application in Health

| | |
|----------------|--------------------------------|
| Equivalent s | PUN019 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

To create innovative health services, translating evidence into practice requires an understanding of the factors that influence successful and timely implementation. In this unit, you will learn the theory of implementation science and develop knowledge and skills in implementing and embedding evidence-based practice in healthcare. The unit will be delivered using a blended-learning approach with a strong focus on practical exercises and collaboration with students, health services and decision makers. On completing the unit, you will be able to lead the design, delivery and evaluation of a health service implementation

project.

PUZ640 Health Systems

| | |
|----------------|--------------------------------|
| Equivalent s | PUN640, PUQ640 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

The aim of this unit is for you to explore systems of health care both in Australia and internationally and the factors that influence the design and functioning of those systems so that you may contribute to the future development of health systems. The unit will use the Australian Health System as a case study but seek to draw from our examination of that system the concepts and analytical principles that may apply to all systems of health care. Issues covered include the structure, operations, funding and evaluation of health systems, as well as contemporary health system reform.

PUZ688 Health Policy in a Global Context

| | |
|----------------|--|
| Pre-requisites | PUZ640 |
| Equivalent s | PUN688 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

PVB101 Physics of the Very Large

| | |
|-----------------|------------------------|
| Anti-requisites | EGB113, ENB130, PCB150 |
|-----------------|------------------------|

Units

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

The fundamental concepts of physics seek to describe, predict and explain phenomena at all scales from the observable universe down to subatomic particles. They underpin all the sciences. This unit introduces you to those underlying physical processes that relate to the behaviour of the macroscopic world we observe in our daily lives: motion, forces, energy, gravity –and not so familiar- special relativity, and see how they help us to also understand thermal interactions, fluid dynamics, global warming, optical instruments, space travel, the motions of the planets and to theorise about the nature, history and future of the universe itself. You will learn how to think about scientific concepts, and solve problems like a physicist. These theoretical concepts are grounded in experimental verification, and you will develop technical and reporting skills in laboratory experiments which investigate the relationships between measurable physical phenomena both individually and in teams.

PVB102 Physics of the Very Small

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

- XCH-1, XCH-2

The fundamental concepts of physics seek to describe, predict and explain phenomena at all scales from the observable universe down to subatomic particles. They underpin all the sciences. This unit introduces you to those underlying physical processes that relate to the behaviour of the microscopic world. By observing the behaviour of waves, electric and magnetic fields, we have come to a deeper understanding of the nature of sound and light, and found experimental evidence for the structure of atoms and their nuclei, eventually leading to the Standard Model of particle physics. These are the principles at the heart of developing new materials and technology. You will learn how to think about scientific concepts and solve problems like a physicist, and critically apply what you have learnt to practical exercises in laboratories progressively developing both your experimental and scientific report writing skills that will provide the foundation for all future studies in science.

PVB200 Computational and Mathematical Physics

| | |
|-----------------|---------------------------------|
| Pre-requisites | MXB100 or MZB125 |
| Anti-requisites | MXB105 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This is a foundational physics unit designing to provide strong

mathematical knowledge and skills required by a physicist and demonstrate the application of computational methods to solve problems in physics. It builds on prior maths study in Maths C or equivalent and teaches tactics in MATLAB programming, numerical methods and the implementation. The strong computational skills are important attributes of any physicist, whether working in research or industry, experimental or theoretical. This is an introductory unit and the knowledge and skills developed in this unit are relevant to physics, chemistry or some engineering majors. PVB302 Classical and Quantum Physics needs the mathematical knowledge and computational skills from this unit to understand the complex quantum world.

PVB202 Mathematical Methods in Physics

| | |
|----------------|---|
| Pre-requisites | (PVB101 or EGB113) and (MXB100 or MZB125) |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Strong mathematical skills are important attributes of any physicist, whether working in research or industry, experimental or theoretical. This unit is designed to provide the key mathematical methods to solve physical problems. It builds on MXB100 and first year.

PVB203 Experimental Physics

| | |
|----------------|--|
| Pre-requisites | PVB101 or EGB113 |
| Equivalent s | PQB451 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Strong experimental design and execution skills are some of the most important attributes of any physicist, whether working in research or industry, experimental or theoretical. This unit aims to develop your skills in project planning, time management, experimental setup, and reporting. You will undertake several self-managed experiments along with supervised practicals using research equipment.

PVB204 Electromagnetism

| | |
|----------------|--|
| Pre-requisites | (PVB202 or MXB106) and (MXB100 or MZB125) |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Electromagnetism is one of the fundamental forces in the universe and is present in almost all aspects of modern technology. In this unit you will develop theoretical knowledge and understanding of electromagnetism from electric charge to more advanced topics such as electrostatics, Maxwell's equations, electromagnetic waves and applications such as

waveguides. It will extend your mathematical knowledge and techniques from earlier units to explore and analyse these advanced physics concepts.

PVB210 Stellar Astrophysics

| | |
|----------------|--|
| Equivalent s | PQB460 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Astrophysics is the application of physics to the study of the heavens from above atmosphere to the furthest reaches of the universe. This unit is one of the units in the astrophysics minor and covers the essential aspects of stellar astrophysics and naturally follows on from PVB101, The physics of the very large. The unit covers the birth, life, death of stars and is a mix of theory and laboratory exercises. The laboratory exercises cover astrophysical topics relevant to everyday physics.

PVB220 Cosmology

| | |
|----------------|--|
| Equivalent s | PQB660 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Cosmology is the study of the universe as a whole including the origin and development of the universe. This unit is an introduction to modern

cosmology and covers a wide range of topics related to cosmology, for example, general relativity, the Big Bang, the history of the universe from the Big Bang to now (inflation, nucleosynthesis, dark ages, surface of last scattering, origin and evolution of galaxies, cosmic microwave background radiation etc). The unit also explores the observational techniques of modern cosmology, for example, optical and radio galactic surveys, gravitational lensing, laser interferometry for detecting gravity waves. We will also explore the evidence for dark matter and dark energy. In the laboratory component of the unit you will gain experience in analysing original astrophysical data, for example measuring the red shift velocity of galaxies.

PVB301 Materials and Thermal Physics

| | |
|----------------|--|
| Pre-requisites | PVB200 or MXB105 or PVB202 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit provides you with an overview of materials science and of the basic crystallographic and thermodynamic principles that describe the behaviour of solids and fluids. The three areas you will study in this unit, thermal physics, physical properties and the physics of solids are core concepts that underpin a physical science

degree. This unit builds upon knowledge and skills obtained in PVB102 and PVB203 and it is a companion unit with PVB302 (Classical and Quantum Physics).

PVB302 Classical and Quantum Physics

| | |
|----------------|--|
| Pre-requisites | PVB200 or PVB202 or PVB204 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Quantum mechanics is the last great conceptual hurdle for a physics graduate to overcome in an undergraduate degree, irrespective of any bias towards the theoretical or experimental aspects. Counter-intuitive concepts such as quantum tunnelling are the cornerstone of many technological advances in recent times and other quantum mechanical concepts form the physical basis of the universe. The ability to find counter-intuitive solutions to problems when necessary is one of the attributes that sets physicists apart.

PVB303 Nuclear and Particle Physics

| | |
|----------------|--|
| Pre-requisites | PVB302 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit explores the microscopic universe from the nucleus down to the fundamental particles and forces from which matter is built. It will examine the development and the modern state of models of the nucleus, drawing on Quantum Mechanics (PVB302) to explain the stability and the properties of nuclei. Some of the current theories of particle physics and nuclear forces will be introduced. The second part of the unit will explore applications of nuclear physics, e.g. nuclear reactions, nuclear power and nuclear medicine. Lectures will be complemented by experimental laboratory work, enabling you to advance your experimental, communication and scientific writing skills.

PVB304 Physics Research

| | |
|----------------|--|
| Pre-requisites | PVB301 |
| Equivalent s | PQB651 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This is the capstone unit for the Physics course, which gives you the opportunity to engage in real-world physics research. Students will undertake a project in which they explore computational and/or experimental approaches to generating new understanding in active research areas, and summarize their findings through scholarly writing and

presentations. This unit provides students with the chance to develop their skills around gathering data, interpreting data, assessing uncertainties and presenting results in a clear and compelling way, helping them to develop skills that are required in both industry and academic contexts. This unit builds on all the previous learning in the Physics course, and enables students to draw on their developed expertise and to apply it to a well-defined research problem.

PVB321 Introduction to Experimental Nanotechnology

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

This unit will introduce you to experimental nanotechnology and will give you the essential tools to study matter at the nanoscale.

PVB322 Advanced Nanotechnology

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

This unit deepens the understanding of nanotechnology, which is an emerging field focused on understanding and exploiting the novel chemical and physical properties of matter at the nanometer scale. Nanomaterials offer substantial advantages in many applications due to their small

size, which can lead to, for example, improved thermal conduction or insulation or exceptional low electrical resistivity. These properties are relevant to the improved sustainability of electrical devices, buildings, cars, etc. This is an advanced unit and comprises an introduction to the physics and chemistry related to nanoscale science, which will lead to the understanding of nano-objects and nanomaterials, with a bias towards technological applications derived from the fundamental sciences. This unit builds on PVB321, providing extra skills in computation to calculate properties at nanoscale that are relevant to physics, chemistry and engineering.

PYB000 Psychology in Professional Contexts

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

PYB000 is a foundation unit for students enrolled in the Bachelor of Behavioural Science (Psychology) degree. This unit provides an introduction to the nature, scope, and application of psychological knowledge in diverse professional contexts, and considers the social, cultural and ethical, and multidisciplinary frameworks that shape psychological practice. This unit aims to develop your skills as an active and reflective learner, by explicitly linking the academic and generic skills you will

develop throughout the course, with their application to psychological practice.

PYB007 Communication for Health Professionals

| | |
|-----------------|---|
| Anti-requisites | PYB074, HHB113, PYB111 |
| Credit Points | 12 |
| Campus | Kelvin Grove, Gardens Point, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 Gardens Point - SEM-1 External - XCH-1, XCH-2 |

PYB007 is a multidisciplinary unit that introduces you to the clinical communication skills that are the foundation of many allied health work roles. This introductory unit gives you the opportunity to build your knowledge of the factors that contribute towards effective communication and will help you develop core communication skills. While focusing on the allied health disciplines, the generic interpersonal processes and skills addressed in this unit are important building blocks for developing and maintaining successful professional and personal relationships. These foundation skills will aid with client communication, multidisciplinary team communication, clinical interviews, conceptualisation and assessment, mediation, and leadership, many of which you will be required to demonstrate later in your course.

PYB067 Human Sexuality

| | |
|----------------|---|
| Pre-requisites | Completion of 96 credit points including PYB100, PYB110, and PYB102 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP5 |

PYB100 Foundation Psychology

| | |
|-----------------|---|
| Anti-requisites | PYB012 |
| Equivalent s | PYB101 |
| Credit Points | 12 |
| Campus | Kelvin Grove, Gardens Point, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 Gardens Point - SEM-1 External - XCH-1, XCH-2 |

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 foundational unit is to introduce you to major subfields and perspectives in psychology, to develop your understanding of the research methods used in psychological research and to develop your critical thinking skills. This unit provides a strong basis for future learning in the discipline. Topics covered in PYB100 will include child and adult development, social psychology, and an overview of the diagnosis and treatment of mental health

problems.

PYB102 The Mind and the Brain

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit introduces students to the basic biological and psychological processes underlying perception, memory, learning, problem solving, consciousness, and language. In addition, research participation experience is provided to the students. Psychology is a broad-ranging discipline encompassing the scientific study of human behaviour and its physiological, cognitive, and social bases, and the systematic application of this knowledge to applied problems. The goal of the first-year units in psychology is to introduce the major subfields and perspectives in psychology, and to develop an understanding of the research methods used in psychological research. These units lay the foundation for more specialised study in later years. The Mind and the Brain (PYB102) focuses on biological and cognitive aspects of psychology, while the areas of developmental psychology, social psychology, individual differences, and psychopathology are introduced in Foundation Psychology (PYB100).

PYB110 Psychological Research Methods

| | |
|----------------|---|
| Equivalent s | BSB123 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

Psychology is the scientific study of behaviour and cognition. This unit is designed to introduce students to the scientific method of research in psychology, research design, and data analysis. The unit includes the following: an overview of the purposes and strategies of research; elementary research design; operationalising variables; descriptive statistics; distributions; measures of central tendency and spread; standard scores and percentiles; understanding relationships between variables through correlation; an introduction to hypothesis-testing procedures using t-tests.

PYB159 Alcohol and Other Drug Studies

| | |
|-----------------|---|
| Anti-requisites | PYB158 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

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 |
| Equivalent s | PYB205 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

People are social beings. Their thoughts, feelings and actions are influenced by the real, imagined or implied presence of others. To obtain greater insight into people's behaviour, it is essential to investigate scientifically the relationship between the individual and the group. We will study the effects of the individual within the group and the group within the individual and also consider the influence of these processes in the organisational setting.

PYB203 Developmental Psychology

| | |
|----------------|---|
| Pre-requisites | PYB012 or PYB101 or PYB102 or PYB100 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit provides an
**a university for
the real world**



introduction to life span developmental psychology. The unit covers the major theories of life span development and includes biological, social and cognitive aspects of development from birth through to old age. It emphasises the interdependency of all aspects of development and the importance of the physical, family, socio-cultural and historical contexts within which development occurs. The unit aims to develop the student's understanding of general patterns of human development and of the ways in which the development of particular individuals and groups may vary from these general patterns.

PYB204 Perception and Cognition

| | |
|----------------|---|
| Pre-requisites | (PYB100 or PYB101) and PYB102 and PYB110 |
| Equivalent s | PYB303 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

Cognitive psychology is a major empirical and theoretical area of psychology which explores the processes and structures involved at each stage of information processing within the brain. The structures and processes involved in perception provide the brain with its basic information about both the external world and many of the current states of the individual. Higher level

cognitive processes and structures provide the foundation upon which more complex aspects of behaviour are based. This unit is to introduce students to basic concepts and issues in perception and cognitive psychology, and to develop an appreciation of the major contemporary theories of how we process and perceive information. The unit is placed in second semester of second year so that students following the normal course structure have an adequate background in research design and data analysis.

PYB208 Counselling Theory and Practice 1

| | |
|----------------|---|
| Pre-requisites | PYB007 or PYB074 or HHB113 or SWB104 or PYB111 or PUB209 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

Psychological and human service delivery involves providing counselling to clients regarding a variety of life problems and mental health issues. This unit provides an introduction to the major approaches to psychotherapeutic intervention. This unit develops the student's knowledge of counselling process and skills and provides practice in changing the ways in which people express, conceptualise and respond to their concerns. 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 settings requiring psychotherapeutic intervention, and other modes of delivery such as couple, family or group work. Students are introduced to the philosophical assumptions and principles that underlie each counselling approach and the process of change. Emphasis will also be placed on effective microskills that assist in developing a positive working alliance with clients.

PYB210 Research Design and Data Analysis

| | |
|----------------|---|
| Pre-requisites | PYB110 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

PYB210 is the second in a series of units exploring quantitative and qualitative approaches to research methods. Material covered in this intermediate unit will include essentials of laboratory and field research design, and computer-assisted analysis of experimental research data.

PYB215 Forensic Psychology and the Law

| | |
|-----------------|--|
| Pre-requisites | PYB012, PYB101, PYB102 or PYB100 and Completion of 72cps |
| Anti-requisites | JSB174 |
| Credit Points | 12 |

Units

| | |
|----------------|---|
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

Forensic Psychology will introduce you to the overlap between psychology and the law; assist you to understand the influence and impact of this branch of psychology within the criminal justice system; and to provide you with an overview of the practice of forensic psychology. The study of psychology and law draws from a multi-disciplinary base for the application of specialised knowledge. As a student of this discipline area, you will acquire an appreciation of (and a critical perspective on) psychology and the law across the three criminal justice domains of the police, the courts, and corrections.

PYB257 Group Work

| | |
|-----------------|--------------------------------------|
| Pre-requisites | PYB007 or PYB074 or HHB113 or PYB111 |
| Anti-requisites | HHB214 and SWB214 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP5 |

PYB260 Psychopharmacology of Addictive Behaviour

| | |
|----------------|---|
| Pre-requisites | PYB102 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit aims to develop and extend your understanding of issues relating to behavioural pharmacology with a particular focus on substances commonly associated with addiction, including substances used in the treatment of addictive behaviours and mental illness. This unit focuses predominantly on those substances that are commonly associated with addiction, including substances used in the treatment of addictive behaviours and mental illness. The context for learning about specific substances is built on an understanding of the principles of behavioural pharmacology (including a review of neurobiology and the pharmacokinetic effects of common substances) and related research methods. While this is a stand-alone unit, it will complement the material covered in other units on addiction (e.g. PYB159, PYB360) and could be combined with other units to constitute a minor sequence.

PYB301 Psychology in the Community: Placement

| | |
|-----------------|---|
| Pre-requisites | PYB202 and PYB203 and PYB204 and PYB210 |
| Anti-requisites | PYB207 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM External - XCH-1, XCH-2 |

This unit enables 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. In cooperation with the Unit Coordinator, you will arrange a 50 hour work placement. You may nominate preferred placements from a pre-organised list of organisations maintained by the School of Psychology & Counselling, or you may negotiate your own placement at another organisation (unit coordinator approval). You will be supported by on-campus workshops and activities designed to promote critical reflection on your workplace experience. All students considering this unit are strongly encouraged to apply for a Blue Card (suitability for working with children and young people clearance) before the commencement of semester as this clearance is required by most of our host organisations.

PYB302 Advanced Social and Organisational Psychology

| | |
|----------------|---|
| Pre-requisites | PYB205 or PYB202 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

Psychology can serve an important role in the wider community in addressing social issues, and improving people's lives at work. This unit helps build your knowledge and skills in social and organisational

psychology, helping you develop your capacity to use psychology to make positive changes in organisations and in society.

PYB304 Physiological Psychology

| | |
|----------------|---|
| Pre-requisites | PYB102 or PYB101 or PYB100 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

The unit serves as an advanced level unit, the last in a series of units examining biological bases of behaviour. Advanced topics spanning clinical neuropsychological investigation, research methods and functional neuroanatomy will be covered.

PYB306 Psychopathology

| | |
|----------------|---|
| Pre-requisites | PYB012 or PYB101 or PYB102 or PYB100 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit covers the principles of diagnosis and treatment for psychopathology. Disorder aetiology, treatment approaches, and the standard of evidence that underpins our knowledge of psychopathology are discussed. Students will learn about the formal systems that are used to define a clinical disorder, and how to

apply classification systems for the identification of psychopathology. An integrative approach to the understanding of psychopathology is emphasised, highlighting the reciprocal influence of biological, psychological, cultural and social factors on pathological functioning. This unit will provide students with a strong understanding of the evidence that underpins contemporary approaches for the identification, classification, and treatment of major classes of mental illness.

PYB307 Health Psychology

| | |
|----------------|---|
| Pre-requisites | PYB100, PYB101 or PYB102 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit examines the psychological dimension of physical illness, health, and health care. There is a strong focus on health psychology in an Australian context with a focus on cross-cultural and Indigenous health-related issues. The unit examines definitions of health and health psychology; the role of health psychology; the determinants of health behaviours (e.g., cognitive, attitudinal, motivational, personality, social, developmental); community health; medical settings and patient behaviour; patient and practitioner communication; stress, illness, and coping; and chronic illness.

PYB309 Individual Differences and Assessment

| | |
|----------------|---|
| Pre-requisites | PYB100 or PYB101 or PYB102 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

PYB309 introduces key principles of psychological assessment including reliability and validity, processes involved in scale construction, and to the appropriate and ethical use of assessment tools. Major theories that underpin explanations of individual differences such as intelligence and personality are covered as well as other elements of a person that influence differences such as gender, ethnicity, and religious beliefs. Assessment tools examined include major intelligence tests and personality inventories as well as specific measures for children, clinical populations, Indigenous Australians, and older adults.

PYB321 Introduction to the Psychology of Trauma

| | |
|----------------|------------------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SUM |

More than half the population experiences trauma across the lifetime. Trauma is acknowledged as playing a key role in the development of mental and physical health

issues. There is an increased understanding and interest in society around the prevalence and impact of trauma including domestic violence, child abuse, sudden bereavement and war. Despite this, most professionals across disciplines including psychology, social work, education and law, receive no systematic training in trauma. This introductory unit provides you with foundational knowledge about the psychology of trauma and vicarious trauma as it applies to people who experience trauma firsthand or those in professions likely to assist people who have experienced trauma. This elective complements learning across disciplines including social work, psychology, law, education and nursing. The unit is linked to core psychology units PYB100 and PYB102 and is linked to PYB304 regarding neurobiological aspects of trauma.

PYB350 Advanced Statistical Analysis

| | |
|----------------|---|
| Pre-requisites | PYB210 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit forms extends on the methods covered in PYB210 to more complex designs and data analysis. Research design and data analysis skills are core skills in the discipline

of psychology. They are not only essential tools for researchers in psychology: They are also integral to the scientist-practitioner model of professional psychological practice. In addition, a sound understanding of research design and statistical techniques will enable you to become critical consumers of psychological research. This unit will provide you with a thorough grounding in analysis of variance techniques, as well as providing an introduction to multiple regression, and extending your skills in qualitative analysis methods. These data analysis tools are used in a broad range of research designs in the social sciences. The unit is both theoretical and practical (analysing data using SPSS), giving students a firm understanding of the principles underlying each analysis and their interpretation.

PYB356 Counselling Theory and Practice 2

| | |
|----------------|---|
| Pre-requisites | PYB208 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit focuses on the common facilitative factors within a counselling process paying attention to the person of the therapist and the counselling relationship. In order to respond appropriately and therapeutically to the needs of their clients,

counsellors must have a clear understanding of the social and interactive processes which occur. Consideration of verbal, non-verbal, social, emotional, gender, psychological and social dimensions enables counsellors to develop effective, functional and client-focused relationships and to control biases, needs and possible exploitive practices.

PYB358 Advanced Developmental Psychology

| | |
|----------------|---|
| Pre-requisites | PYB203 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit advances your understanding of major theories and methods in the study of human lifespan development, with a specific emphasis on development in childhood, adolescence and adulthood, including late adulthood. As a unit that focuses on the application of developmental theories and research it builds on the knowledge and skills you gained in PYB203 Developmental Psychology, and provides you with opportunities to extend and apply this knowledge to consider normal and atypical development in childhood, adolescence and adulthood, including late adulthood. The unit also offers you opportunities to practice the use of developmental research methods and to develop further

your critical evaluation, oral and written communication and group work skills. As such, the unit prepares you for transition into professional life and/or fourth year and postgraduate studies in the area of educational and developmental psychology.

PYB359 Introduction to Family Therapy

| | |
|----------------|---|
| Pre-requisites | PYB208 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

Family therapy, based on a systemic or relationship understanding of human problems, has been one of the most significant influences in the fields of counselling and psychology in recent times. With the increasing emphasis on the family as a focus for social policy, support services, research and intervention, it is important for counsellors and psychologists to have some familiarity with the basic concepts and skills of this broad approach. This unit focuses on providing basic skills and concepts from one particular approach which will be called 'Constructive Therapy', combining aspects of solution-focused therapy, possibility therapy, narrative therapy and reflecting team practice. You will be given opportunities to contrast this approach with other major models, and to examine its uses with particular kinds of

family situations. You will also be exposed to practical skills through structured exercises.

PYB360 Interventions for Addictive Behaviours

| | |
|----------------|--|
| Pre-requisites | PYB159 or PYB158 or PYB260 or NSB223 or NSB203 or NSB204 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP5 |

PYB372 Traffic Psychology and Behaviour

| | |
|----------------|--------------------------------|
| Pre-requisites | PYB100 - Foundation Psychology |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit provides students with the opportunity to apply psychological principles learned in their other psychology units to understand road user behaviour within the road safety context. It therefore builds upon the broad psychological principles learnt within your first year(s) of study. The content of this unit focuses on identifying and examining the factors that influence the behaviour of road users, particularly those that contribute to the incidence of road crashes or exacerbate their severity.

PYB374 Applying Traffic Psychology

| | |
|----------------|---------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove |

es - SEM-2

This unit is an elective unit within the Bachelor of Behavioural Science (Psychology). PYB374 explores the main psychology theories and research methods used in traffic psychology and how these theories and research methods are applied to understand risky driving behaviours. The main research methods explored in this unit include the use of: surveys/questionnaires and observations, physiological recordings (e.g., EEG, ECG, EOG, EMG, eye tracking, actigraphy), driving simulators, and in-vehicle assessments/instrumented vehicles (e.g., actigraphy, GPS, OBD2). The unit has a strong focus on the practical learning and critical analysis of research methodology used in traffic psychology as well as the interplay of psychological theories and research methodology with the assessment of road user behaviours.

PYH400 Thesis

| | |
|----------------|---------------------------------------|
| Pre-requisites | PYH401 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

The thesis component of the honours program comprises four 12 credit point units which culminate with the submission of a 48 credit point research thesis. PYH400-3 is the third of this sequence of units. The thesis units provide an

opportunity for you to extend, synthesise and apply the knowledge gained in your undergraduate degree and coursework units within the honours program. You will undertake a research project that makes an original contribution to knowledge in the broad discipline of psychology. The research project is conducted under the guidance of a supervisor and will provide an opportunity for you to engage in and learn about all parts of the research process. The research thesis units provide skill development in the critical evaluation, interpretation and application of research, key capabilities in the discipline of psychology. The research undertaken in the four thesis units is assessed through the submission of a 10-12000 word research thesis.

PYH400 Thesis

| | |
|----------------|---------------------------------------|
| Pre-requisites | PYH401 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

The thesis component of the honours program comprises four 12 credit point units which culminate with the submission of a 48 credit point research thesis. PYH400-4 is the last of this sequence of units. The thesis units provide an opportunity for you to extend, synthesise and apply the knowledge gained in your undergraduate degree and coursework units within the honours program. You will undertake a research project

that makes an original contribution to knowledge in the broad discipline of psychology. The research project is conducted under the guidance of a supervisor and will provide an opportunity for you to engage in and learn about all parts of the research process. The research thesis units provide skill development in the critical evaluation, interpretation and application of research, key capabilities in the discipline of psychology. The research undertaken in the four thesis units is assessed through the submission of a 10-12000 word research thesis.

PYH400 Thesis

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

The thesis component of the honours program comprises four 12 credit point units which culminate with the submission of a 48 credit point research thesis. PYH400-1 is the first of this sequence of units. The thesis units provide an opportunity for you to extend, synthesise and apply the knowledge gained in your undergraduate degree and coursework units within the honours program. You will undertake a research project that makes an original contribution to knowledge in the broad discipline of psychology. The research project is conducted under the guidance of a supervisor and will provide an opportunity for you to engage in and learn

about all parts of the research process. The research thesis units provide skill development in the critical evaluation, interpretation and application of research, key capabilities in the discipline of psychology. The research undertaken in the four thesis units is assessed through the submission of a 10-12000 word research thesis.

PYH400 Thesis

| | |
|----------------|---|
| Pre-requisites | PYH401. PHY401 can be studied in the same teaching period as PYH400-2 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

The thesis component of the honours program comprises four 12 credit point units which culminate with the submission of a 48 credit point research thesis. PYH400-2 is the second of this sequence of units. The thesis units provide an opportunity for you to extend, synthesise and apply the knowledge gained in your undergraduate degree and coursework units within the honours program. You will undertake a research project that makes an original contribution to knowledge in the broad discipline of psychology. The research project is conducted under the guidance of a supervisor and will provide an opportunity for you to engage in and learn about all parts of the research process. The research thesis units provide skill development in the critical evaluation, interpretation and application of

research, key capabilities in the discipline of psychology. The research undertaken in the four thesis units is assessed through the submission of a 10-12,000 word research thesis.

PYH401 Advanced Research Methods

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1 External - SEM-1 |

This unit provides you with an opportunity to develop skills in the application of multivariate statistics to specific research problems. The unit will give you, hands on experience in entering, cleaning, analysing and interpreting data using SPSS as well guiding you through the logic of these procedures.

PYH402 Counselling Psychology

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

PYH402 is a core unit in Honours program. This unit provides an opportunity to develop the key pre-professional competency skills of interpersonal communication and interview skills for psychological practice and application of basic psychological intervention strategies. Through experiential lectures and workshops, the unit provides you with the opportunity to critically evaluate and apply

distinct counselling intervention orientations (e.g. Solution-focused therapy, Cognitive-behavioural therapy, and Psychodynamic therapy)

PYH403 Cognitive Neuropsychology

| | |
|----------------|--------------------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP2 |

This unit is one of two advanced electives in this course and provides you with the opportunity to gain an understanding of cognitive and neuropsychology building on from foundational units in these areas. The three broad areas of neuroanatomy, neuropathology, and the cognitive analysis of resulting deficits will be covered in this unit. Both the clinical and cognitive approaches in the field will be discussed in line with implications for research and clinical practice.

PYH404 Issues in Social Developmental Psychology

| | |
|----------------|--------------------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP2 |

PYH407 Research and Professional Development Seminar

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

As the capstone unit in this

course, this unit will develop and extend your understanding of research and practice issues in psychology. To reflect the requirements facing scientist practitioners of psychology, you will be encouraged to formulate evidence based responses to current industry issues and consider the role that psychology can play in providing solutions to such issues. You will base your responses on relevant theories, contemporary research, and consideration of social and cultural diversity, relevant legal frameworks and codes of ethical practice. You will be asked to reflect on your responses to these issue in terms of your own developing professional identity and values. The unit is also designed to enhance your understanding of career paths and professional issues in the broad discipline of psychology and the role of psychology in society and how it intersects with related professions.

PYN000 Counselling Studies 1

| | |
|----------------|-------------------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP2 |

This unit provides the student with an initial overview of the field of counselling, before focusing on the theory and practice of one contemporary perspective called 'Constructive' or 'Time-Effective' Therapy. It is an approach based largely in social constructionist principles and promotes a view of

counselling as a unique conversational process which attempts to validate the client's experience, while pursuing possibilities for desired change. It also suggests a time-effective perspective, emphasising the possibility of working briefly and effectively with clients. Selected ideas and practices from several related approaches including solution focused therapy, collaborative conversational therapy, possibility therapy and narrative therapy will be integrated.

PYN001 Professional Studies 1

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

This is an introduction to the professional study of counselling and the 'common factors' present in most counselling approaches. These factors, which include the working relationship, the focus on client resources, and the instillation of hope, contribute greatly to the counselling outcome. In order to respond appropriately and therapeutically to the needs of their clients, counsellors must have a clear understanding of the social and interactive processes that occur in counselling. Verbal, nonverbal, social, emotional, gender, psychological, ethical and cultural dimensions are all present in the counselling process. Consideration of these dimensions enables counsellors to develop

effective, functional and client-focused relationships.

PYN002 Counselling Studies 2

| | |
|----------------|--------------------------------|
| Pre-requisites | PYN000 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit will serve as a review of the philosophical and theoretical underpinnings-as well as the distinctive skills and techniques-of the major psychotherapeutic and counselling traditions. The unit situates and contextualises the Narrative, Solution-Focused and Collaborative Conversational approaches to counselling from PYN000 within the broader field of Psychotherapy and Counselling. The essential element of this unit is an exploration of how a therapist might appropriately respond to client presentations by drawing upon a wide range of established therapeutic traditions, approaches and interventions. Particular focus will be given to developing the capacity to choose effective and ethical therapeutic approaches and skills that promote positive outcomes for counselling clients.

PYN003 Group Studies

| | |
|----------------|--------------------------------|
| Pre-requisites | PYN001 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP2 |

PYN004 Counselling Studies 3

| | |
|----------------|--|
| Pre-requisites | PYN000. PYN000 may be enrolled in the same teaching period as PYN004 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit focuses on relationship counselling. It explores the history and development of systemic family therapy and couple work. It examines the potential of a constructive approach and orientation to working with relationships and relationship issues in therapy. Students will choose a specific issue or area of relationship counselling and, working in small groups, present a workshop for fellow class members which demonstrates the use (or adaptation) of a constructive therapy approach.

PYN006 Professional Studies 2

| | |
|----------------|---------------------------------------|
| Pre-requisites | PYN001 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP2, SEM-2 |

PYN007 Professional Studies 3

| | |
|----------------|--------------------------------|
| Pre-requisites | PYN006 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP2 |

PYN008 Project

| | |
|----------------|--------------------------------|
| Pre-requisites | PYN006 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

PYN008 Project

| | |
|----------------|--------------------------------|
| Pre-requisites | PYN014 and PYN008-1 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit will continue to allow you to apply your previous study and skill development in course counselling and supervision subjects. Together, PYN008-1, PYN008-2 and PYN008-3 comprise a 36 credit point unit that can be studied over two semesters. You will undertake an individual clinical project of theoretical and/or practice-based research/enquiry in a selected area of counselling. You will be required to work in the Counselling and Family Therapy Clinic on a weekly basis in order to accumulate client contact hours and achieve project requirements. The reflection of your supervised clinical practice (reflecting team based family therapy practice with live supervision), along with consultation with your academic supervisor, will assist you to use independent scholarship and reflection of learning to inform your counselling practice. Assessment items are

submitted and a grade awarded for each sub-unit.

PYN008 Project

| | |
|----------------|--------------------------------|
| Pre-requisites | PYN014 and PYN008-1 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Counsellors need to inform and develop their clinical practice by reading the counselling literature and often share their research findings and clinical innovations in counselling journal articles. This unit allows you to further develop the skills introduced in PYN014 by documenting your clinical project in the form of a journal article which brings new knowledge to the field of counselling. This is the final unit in a suite of three which together represent a capstone learning experience in your course and provide you with an opportunity to apply theoretical and skill-based course learning in a clinical practice setting. They involve the provision of counselling in the QUT Psychology and Counselling Clinic and provide a clinical context for the completion of a clinical project which builds upon your learning in PYN014.

PYN013 Advanced Counselling Studies

| | |
|----------------|-------------------------------|
| Pre-requisites | PYN002 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 6TP1 |

This unit is designed to allow

students to build on the development of their counselling skills as they pertain to particular client populations or client presenting issues. Various specialist fields of counselling are reviewed and guest lecturers share practice experience.

PYN014 Research for Counselling Practice

| | |
|----------------|--------------------------------|
| Pre-requisites | PYN000 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit aims to prepare students for the reflecting team counselling practice and associated individual project work in the 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.

PYN025 Clinical Psychological Interventions 1

| | |
|----------------|--------------------------------|
| Co-requisites | PYN028 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

The broad aim of this unit is to cover fundamental aspects of psychological change with adults and children and to introduce you to the theoretical orientation and practical skills involved in cognitive-behaviour

therapy. An associated aim is to integrate theory, research and practice, and to encourage students to articulate the link between these areas.

PYN027 Clinical Psychological Assessment

| | |
|----------------|--------------------------------|
| Co-requisites | PYN035 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit is designed to build on undergraduate training in psychological assessment. The understanding of theoretical perspective in psychological assessment is reinforced. A range of assessment techniques and tests, supported by research, are taught. The unit will explore some of the contextual issues which may have an impact upon the clinical assessment of Indigenous Australians, and outline some important principles of culturally safe clinical assessment. Further, you will also learn the ethical and legal issues involved in psychological assessment.

PYN028 Clinical Psychopathology

| | |
|----------------|--------------------------------|
| Co-requisites | PYN025 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

PYN030 Professional Practice in Clinical Psychology

| | |
|----------------|--------------------------------|
| Co-requisites | PYN044 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This is a foundational unit that presents an overview of ethical, legal, and professional issues encountered in psychology practice. A major goal of the unit is to raise your awareness of the many ethical, legal and supervision issues you may encounter in practice, and to encourage you to become reflective practitioners throughout your professional lives. 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 a diverse range of backgrounds, including those from other cultural groups. An understanding of legal issues and relevant legislation and standards is also essential in professional practice. The knowledge and skills developed in this unit relate to direct client contact in practicum units and builds a foundation for future professional practice.

PYN034 Childhood Psychopathology and Treatment

| | |
|----------------|--|
| Pre-requisites | (PYN025 and PYN027 and PYN028) or ((EUN601 or LCN625) and (EUN603 or LCN627) and PYN601) |
| Credit | 12 |

| | |
|----------------|--------------------------------|
| Points | |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit provides you with a sound understanding of the aetiology, diagnosis and management of emotional and behavioural disorders in children. Emphasis is placed on understanding the child within the context of the family and the wider community, and the critical evaluation of the evidence for different strategies for assessing and managing the mental health needs of children and their families.

PYN035 Supervised Practicum Stage 1

| | |
|----------------|--------------------------------|
| Co-requisites | PYN027 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit provides students with the opportunity to develop foundational clinical skills in assessment, diagnostic, formulation, treatment planning and managing process issues. The "Supervised Practicum 1" consists of 250 hours of psychological practice at the QUT Psychology Clinic. These overall hours include supervision (a general expectation is 60 hours) and direct face to face contact with clients (at least 60 hours). You must allocate sufficient time for undertaking the supervised practicum (approximately 12 hours per week).

PYN036 Supervised Practicum Stage 2

| | |
|----------------|---|
| Pre-requisites | PYN025 and PYN027 and PYN028 and PYN035 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This core unit of the Master of Clinical Psychology Course provides you with the opportunity to develop foundational clinical skills in assessment, formulation, treatment planning and understanding of process issues used in the practice of clinical psychology. The unit builds on the learnings from PYN035. You will undertake work integrated learning including supervised psychological practice (250 hours of psychological practice including at least 100 hours of direct client contact) in the QUT Psychology Cli. This experience will help you to develop an intermediate level of professional knowledge and skills in the practice of clinical psychology, awareness of ethical guidelines, paying due regard to public safety, and a good standard of professional conduct. The unit is designed to partially meet the relevant supervised practicum requirements of APAC.

PYN037 Supervised Practicum Stage 3

| | |
|----------------|---------------------|
| Pre-requisites | PYN030 and PYN036 |
| Co-requisites | PYN045 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove |

es - SEM-1, SEM-2

This core unit of the Master of Psychology (Clinical) program provides you with the opportunity to further develop clinical assessment, diagnostic, intervention and professional skills learnt in the coursework and internships. This external placement allows you to apply your skills in a 'real world' professional environment under the supervision of highly qualified psychologists. The unit is designed to meet the relevant supervised practicum requirements of the Australian Health Practitioner Regulation Agency Psychology Board of Australia (AHPRA PsyBA), Australian Psychology Accreditation Council (APAC) and the Australian Psychological Society's College of Clinical Psychologists (APS CCLIN).

PYN038 Supervised Practicum Stage 4

| | |
|----------------|---------------------------------------|
| Pre-requisites | PYN037 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

This core unit of the Master of Clinical Psychology course is intended to provide you with an opportunity to further develop clinical assessment, diagnostic, intervention and professional skills. This unit builds on your learning from the PY18 coursework and internship units and PYN037. The PYN038 placement will engage you in advanced level work integrated learning as a

provisional psychologist within a professional agency that provides psychological services. The unit is designed to meet the relevant supervised practicum requirements of the Australian Health Practitioner Regulation Agency Psychology Board of Australia (AHPRA PsyBA), Australian Psychology Accreditation Council (APAC) and the Australian Psychological Society's College of Clinical Psychologists (APS CCLIN).

PYN039 Health Psychology and Rehabilitation

| | |
|----------------|--------------------------------|
| Pre-requisites | PYN025 and PYN028 and PYN035 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Psychology is not restricted to assessment and treatment of psychopathology. Psychologists actively contribute to the health and well-being of people across a range of settings and contexts, including health promotion, illness prevention, early intervention, clinical treatment of health problems and rehabilitation of health problems. In so doing, psychologists often work collaboratively with a range of medical nursing and allied health professionals. This unit will provide you with training in psychology with a conceptual framework and the core knowledge and skills required for the practice of psychology in a health setting. The emphasis of the unit will be upon clinical conceptual

understanding of the biopsychosocial model of health psychology and rehabilitation and the development of clinical skills and knowledge.

PYN041 Supervised Practicum Stage 5

| | |
|----------------|---------------------------------------|
| Pre-requisites | PYN038 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

This core unit of the Doctor of Psychology (Clinical) program builds upon PYN038 and provides you with the opportunity to develop advanced psychodiagnostic assessment and clinical skills within a specialised area of clinical practice. This unit consists of supervised psychological practice at an external agency where relevant psychological practice is conducted. The unit is designed to meet the supervised practicum requirements of the Australian Psychological Society (APS) College of Clinical Psychology.

PYN042 Supervised Practicum Stage 6

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

This core unit of the Doctor of Psychology (Clinical) program builds upon PYN041 and provides you with the opportunity to develop advanced psychodiagnostic assessment and clinical and

supervision skills within a specialised area of clinical practice. This unit consists of supervised psychological practice at an external agency where relevant psychological practice is conducted and supervision practice within the QUT Psychology Clinic. The unit is designed to meet the supervised practicum requirements of the Australian Psychological Society (APS) College of Clinical Psychology.

PYN044 Clinical Psychological Interventions 2

| | |
|----------------|--------------------------------|
| Pre-requisites | PYN025 |
| Co-requisites | PYN030 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Contemporary approaches to psychological treatment have increasingly emphasised the importance of a relational understanding of human problems and change processes and common factors associated with change. This perspective suggests that current adaptation is acquired in large part through early experience, interpersonal learning and development. These experiences result in relational patterns based upon early experiences, often outside conscious awareness. The goal of interpersonal psychodynamic approaches is to enhance awareness of these relational patterns with a view to promoting adaptation and addressing current issues. This process may take the form of

brief psychodynamic psychotherapy or interpersonal psychodynamic psychotherapy with its emphasis upon the primacy of subjectivity and current interpersonal issues. The aim of this unit is to provide you with theoretical grounding and practical skills and their application within an integrative framework.

PYN045 Clinical Psychological Interventions 3

| | |
|----------------|--------------------------------|
| Pre-requisites | PYN044 |
| Co-requisites | PYN037 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This core unit covers the theories and skills of systemic, interpersonal (IPT), narrative and solution-focused approaches required for relationship therapy and family therapy. The unit has a practical emphasis on common child-focused and adult-focused problems. The unit will examine the implications of each of the approaches from an evidence-based practice perspective.

PYN052 Research Thesis 4

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

The aim of the research thesis is to provide you with the opportunity to demonstrate originality and 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. PYN052 has 8 parts completed over years 2 and 3 full-time or years 3 to 6 part-time of the course. You will undertake in-depth research on a topic in clinical psychology and develop high-level skills in the evaluation, interpretation and application of research. You will submit a thesis or a 5,000 word literature review plus two prepared articles that report the research in a form that can be submitted for publication in an appropriate scholarly journal.

PYN052 Research Thesis 5

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

The aim of the research thesis is to provide you with the opportunity to demonstrate originality and 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. PYN052 has 8 parts completed over years 2 and 3 full-time or years 3 to 6 part-time of the course. You will undertake in-depth research on a topic in clinical psychology and develop high-level skills in the evaluation, interpretation and application of research. You

will submit a thesis or a 5,000 word literature review plus two prepared articles that report the research in a form that can be submitted for publication in an appropriate scholarly journal.

PYN052 Research Thesis 8

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM |

Clinical Psychologists preparing to contribute to the development of the profession require high level research skills. The research component of the degree needs to reflect a high standard of critical thinking, capacity for innovation and a contribution to the practice of psychology through research. This requires clinical psychologists to demonstrate originality and advanced skills in the critical evaluation, interpretation and application of research within an area of specialisation. This unit will be the culmination of the research thesis. The aim of the research thesis is to provide you with the opportunity to demonstrate originality and develop high-level skills in the evaluation, interpretation and application of research.

PYN052 Research Thesis 6

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

The aim of the research thesis is to provide you with the opportunity to demonstrate originality and 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. PYN052 has 8 parts completed over years 2 and 3 full-time or years 3 to 6 part-time of the course. You will undertake in-depth research on a topic in clinical psychology and develop high-level skills in the evaluation, interpretation and application of research. You will submit a thesis or a 5,000 word literature review plus two prepared articles that report the research in a form that can be submitted for publication in an appropriate scholarly journal.

PYN052 Research Thesis 7

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

PYN052 has 8 parts completed over years 2 and 3 full-time or years 3 to 6 part-time of the course. Students undertake in-depth research on a topic in clinical psychology and develop high-level skills in the evaluation, interpretation and application of research. They are required to submit a thesis or a 5,000 word literature review plus two prepared articles that report the research in a form that can be submitted for publication in an appropriate scholarly journal.

PYN601 Counselling and Consultation in Educational and Developmental Psychology

| | |
|----------------|--|
| Pre-requisites | PYN631 or EDN631. PYN631 can be studied in the same teaching period as PYN601 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Advanced skills in counselling and consultation are required as a core competency of educational and developmental psychologists who work both directly with children, adolescents and families, and also more indirectly with groups, organisations and communities. Their roles vary from counselling individual children and supporting families, to advising teachers and becoming agents of change within organisations and communities. This unit provides students with the knowledge and skills necessary for developing effective counselling relationships with children, adolescents, adults and families and for working as consultants to various groups and systems within educational and developmental settings.

PYN603 Professional Practice in Educational and Developmental Psychology

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

This is a foundational unit that presents an overview of ethical, legal, and professional issues encountered in

psychology practice. A major goal of the unit is to raise your awareness of the many ethical, legal and supervision issues you may encounter in practice, and to encourage you to become reflective practitioners throughout your professional lives. 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 a diverse range of backgrounds, including those from other cultural groups. An understanding of legal issues and relevant legislation and standards is also essential in professional practice. The knowledge and skills developed in this unit relate to direct client contact in practicum units and builds a foundation for future professional practice.

PYN606 Applied Developmental Psychology

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

A coherent understanding of contemporary developmental science provides a strong foundation for applied practice in Educational and Developmental psychology. This unit develops an advanced understanding of core theories to support assessment, intervention, and education skills utilised by practicing psychologists to benefit client systems and

practice safely within a best practice approach.

PYN610 Research Thesis 4

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

To ensure high quality practice, psychologists working in the area of educational and developmental psychology are continually required to monitor and modify their own practice to incorporate knowledge of the most recent research, assessment tools and interventions. This requires educational and developmental psychologists to have advanced skills in the critical evaluation, interpretation and application of research. The 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 research, in depth, an area of interest within educational and developmental psychology.

PYN610 Research Thesis 2

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

To ensure high quality practice, psychologists working in the area of educational and developmental psychology are continually required to monitor and modify their own practice to incorporate knowledge of the most recent research,

assessment tools and interventions. This requires educational and developmental psychologists to have advanced skills in the critical evaluation, interpretation and application of research. The research thesis provides advanced skill development in these areas. 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 research, in depth, an area of interest within educational and developmental psychology.

PYN631 Supervised Practicum 1

| | |
|-----------------|--|
| Pre-requisites | (PYN601 or EUN601 or LCN625) and (EUN602 or LCN626). These units can be studied in the same teaching period as PYN631. |
| Equivalent s | EDN631 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-1 |

The aim is to provide you with a basic level of professional knowledge and skills in the practice of Educational and Development psychology and an awareness of ethical guidelines. You will also develop a high standard of professional conduct through supervised practice.

PYN632 Supervised Practicum 2

| | |
|----------------|---|
| Pre-requisites | (PYN631 or EDN631) and (EUN601 or LCN625) and (EUN602 or LCN626) and (EUN603 or LCN627) and PYN601. EUN603 can be |
|----------------|---|

| | |
|-----------------|--|
| | studied in the same teaching period as PYN632. |
| Equivalent s | EDN632 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-2 |

This unit provides supervised psychological practice, within the area of Educational and Developmental psychology, in applying diagnostic, assessment and intervention skills in clinic, educational and community settings. This unit will develop your written and oral communication skills and provide you with practice in using these skills to communicate results of assessments and recommendations for interventions to school staff, parents and other stakeholders. Supervised experience will be undertaken at the Caroline Chisholm Centre, School, Student and Family Support at the QUT Psychology and Counselling Clinic, 44 Musk Ave, Kelvin Grove. PYN632 builds on your experience and skills learned in PYN631 Supervised Practicum 1.

PYN633 Supervised Practicum 3

| | |
|-----------------|---------------------------------------|
| Pre-requisites | PYN632 or EDN632 |
| Equivalent s | EDN633 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-1, SEM-2 |

Educational and Developmental psychologists

are employed in many areas other than schools. Practicum 3 provides you with the opportunity to acquire knowledge about the role of Educational and Developmental psychologists in non-educational settings and to develop skills to practice in these settings. This unit builds on students' psychological practice experiences acquired during their year-long internship within the Caroline Chisholm Centre and QUT Psychology and Counselling Clinic (PYN631 and PYN632). The aim of Practicum 3 is to provide you with supervised experience in applying your diagnostic, assessment and intervention skills within non-educational settings. Practicum 3 will also further develop your written and oral communication skills, and provide you with practice in using these skills to communicate results of assessments and intervention strategies within teams from non-educational settings.

PYN634 Supervised Practicum 4

| | |
|-----------------|---------------------------------------|
| Pre-requisites | PYN633 or EDN633 |
| Equivalent s | EDN634 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-1, SEM-2 |

Prior to entering practice as an Educational and Developmental psychologist and being registered as a psychologist, you need to demonstrate that you have met

skill competencies identified by the Psychology Board of Australia. These competencies include a high level of knowledge of your discipline area; competence in the administration and interpretation of, and dissemination of information from assessments; knowledge of and application of intervention strategies; high level oral and written communication skills; and knowledge of applicable ethical, legal and professional matters. Practicum 4 provides you with the opportunity to demonstrate your competencies in these areas and to work as a supported independent professional. The aim of Practicum 4 is to provide you with support in ensuring that you have attained the level of knowledge and skill required to meet the competencies of the Psychology Board of Australia.

QCD110 Academic Communication 1

| | |
|-----------------|---|
| Anti-requisites | QCD111, QCD120 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3, SEM-2 |

A contributing factor to success in a higher education context relates to the understanding and use of communication skills specific to academia. This unit helps to develop your academic language and literacy skills including your academic study skills to support your learning in

undergraduate university programs. This introductory unit is studied concurrently with discipline specific units related to the undergraduate degree in your chosen field of study. It focuses on foundation knowledge, understanding and use of academic language and literacy skills.

QCD111 Communication 1

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP3, SEM-2 |

A high level of English communication skills is essential for success in an Australian higher education context. This unit is designed to give students a stronger grounding in, and understanding of the learning process. It will develop English communication skills (reading, writing, listening and speaking). Students will also learn skills for carrying out scholarly research, and communicating it in written and spoken form in an academic context.

QCD210 Academic Communication 2

| | |
|-----------------|---|
| Anti-requisites | |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3, SEM-2 |

This unit helps to develop the academic language and literacy skills needed to be a successful, ethically responsible, independent learner in undergraduate

university programs. You will study this unit concurrently with discipline specific units related to your chosen undergraduate degree. The skills you engage with in this unit are transferrable to your discipline specific units.

QCD211 Communication 2

| | |
|----------------|---|
| Pre-requisites | QCD111. QCD111 can be studied in the same teaching period as QCD211 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP3, SEM-2 |

Knowledge and understanding of academic genres are essential for success, particularly in a higher education context. International students will encounter new genres in an Australian higher education context. Not only will they need to become competent users of these genres to succeed in their degrees, they may also need to adapt to different learning and teaching styles.

QCD310 Communication for the Health Professions

| | |
|----------------|--|
| Pre-requisites | QCD210 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

You are required to have higher English language proficiency levels to enter many undergraduate health-related courses. These levels reflect the unique communication needs of the healthcare professions. This

unit aligns closely and supports the other units offered in HL10 Diploma in Health Science. It focuses on developing and honing your academic literacy skills ultimately establishing you as an independent learner. Through the use of health-related topics, this unit exposes you to common healthcare vocabularies.

QCE001 English for Academic Purposes 1

| | |
|----------------|---|
| Credit Points | 48 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 12TP1, 12TP1, 12TP2, 12TP3 |

This unit is designed to improve students' academic English and study skills in order to prepare them for further studies at QUT International College. Upon successful completion of EAP 1, students will gain entry into QUTIC courses including EAP 2 or 2 semester Foundation or Diploma Programs.

QCE003 English for Academic Purposes 2

| | |
|----------------|--|
| Credit Points | 48 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 12TP1, 12TP2, 12TP3 |

This unit is designed to improve your academic English and study skills and aims to upgrade your English proficiency level to meet university entry requirements for QUT Degree and Post-Graduate programs.

QCE004 EAP for Entry to QUTIC Courses

| | |
|----------------|---|
| Credit Points | 48 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 12TP1, 12TP1, 12TP2, 12TP3 |

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.

QCE007 English for Academic Purposes 3

| | |
|----------------|---------------------------------------|
| Credit Points | 48 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 12TP1, 12TP3 |

This course is designed for International Students intending to gain entry into QUT degree programs with a requirement of overall IELTS 7.0 (with no sub-scores lower than 6.5). Its purpose is to improve students' academic English and study skills in order to prepare them for independent study and to familiarise them with the Australian academic environment and student/lecturer relations and expectations.

QCF112 Academic English 1

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

This unit focuses on developing your academic language skills in preparation for tertiary study. By exposing you to language in the academic context, Academic English 1 develops your ability to use the generic structures and linguistic features salient to academic English. There is a particular focus in the unit on fostering the complex language forms which characterise academic writing and speaking in order to enhance your ability to use these forms in powerful and purposeful ways.

QCF135 Business Studies 1

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

In a world that is complex and rapidly changing, it is critical for every young person to develop skills that enable them to cope with life's challenges and to also succeed as a financially literate and enterprising citizen in the 21st century. The skills you learn in this unit will equip you with the knowledge, skills, values and behaviours needed to make responsible and informed consumer and financial decisions. These skills will enable you to successfully and confidently operate in the financial world. Accounting also plays a vital role in financial management in personal, business and social contexts. Business firms use accounting procedures to record, analyse and interpret financial and other information. In this unit, you will complete

basic financial procedures and learn how this type of accounting information is an essential part of business decision making.

QCF156 General Mathematics 1

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

Studying mathematics contributes to preparing you with the knowledge, skills and confidence to participate effectively in the community and the economy. QCF156 General Mathematics 1 and QCF256 General Mathematics 2 provide learning opportunities that focus on: practising essential mathematical routines to develop procedural fluency, investigating scenarios, modelling the real world, solving problems and explaining reasoning. These units highlight the relevance of mathematics in your daily life and the broader community and as such help you to develop a mathematical mindset.

QCF157 Advanced Mathematics 1

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

To be an effective professional in a wide range of areas, such as engineering, science, information technology, health, accounting, economics and business, an appropriate level of mathematical competence is

essential. In our own personal lives, a basic knowledge of topics, such as statistics, probability, measurement and financial maths is also beneficial.

QCF158 Science 1

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

Inquiry into the nature of the universe is at the core of all science disciplines. Studying Biology and Chemistry will help you become better informed about the world around you and about how these disciplines impact society. In QCF158 Science 1 you will learn skills required for scientific investigation and develop critical skills to evaluate and make evidence-based decisions about current scientific issues. This unit will develop your ability to work scientifically and understand the processes required to gather, scrutinise and use evidence.

QCF160 Creative Practice

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

There is increasing recognition of the importance of creativity to all aspects of society. Responding to the challenges of the twenty-first century - with its complex environmental, social and economic pressures - requires young people to be creative, innovative,

enterprising and adaptable, with the motivation, confidence and skills to use critical and creative thinking purposefully. Drama encourages the development of these skills by investigating, communicating and embodying stories, experiences, emotions and ideas that reflect the human experience. In Creative Practice you will engage in aesthetic learning experiences that develop the 21st century skills of critical thinking, creative thinking, communication, collaboration and teamwork, personal and social skills. You will develop a deeper and more empathetic understanding and appreciation of others and communities. This unit promotes the development of confidence and creativity to benefit you in your future studies and work.

QCF180 Studies of Society 1

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

As a student in Australia, it is important to carefully consider who you are and your place in society. This unit fosters the social skills you need to interact in a variety of contexts. Respect for cultural diversity will help you to develop responsible attitudes and behaviours required for effective participation in an Australian educational community and more broadly in society. Through engagement with topics related to identity,

Units

you will develop critical and analytical thinking, construct creative responses to stimuli, and develop linguistic competencies. With a focus on Aboriginal and Torres Strait Islander cultural practices, this unit also highlights the important role oral histories play in communicating identity and history. The sharing of artefacts will facilitate communication of your personal histories and cultural backgrounds. Through such activities, you will critically reflect on factors that influence your life and help you develop as an individual.

QCF200 Australian Studies

| | |
|----------------|--------------------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1 |

An understanding and appreciation of contemporary Australian society is essential for international students wishing to progress to degree studies at an Australian university. In this unit, students undertake a directed exploration of contemporary Australian society, with a focus on critical historical events, current issues and social and cultural norms. Students are encouraged to develop their own analyses of contemporary Australia with reference to various academic and non-academic sources as well as personal experience.

QCF212 Academic English 2

| | |
|---------------|----|
| Credit Points | 12 |
|---------------|----|

| | |
|----------------|--|
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

This unit continues to develop your academic language skills in preparation for tertiary study. Through ongoing exposure to language in academic contexts, Academic English 2 promotes your knowledge and use of high frequency academic text structures and their associated linguistic features. There is an ongoing focus on the complex language forms which characterise high quality academic texts. This unit will also equip you with an understanding of the nature of argumentation and how language can convey the stance of the author, discipline and academic community.

QCF230 Information Processing

| | |
|----------------|--------------------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1 |

This unit is designed to meet the general needs of students who will need to design ways to input, validate, process and display information. It is intended to develop students' knowledge and application of boolean logic, fundamentals for designing and developing small Java and MS Access database applications. The aim of this unit is to introduce students to the principles of interface design and data validation and develop students' skills in applying these concepts to programming and database applications.

QCF235 Business Studies 2

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

The study of business is relevant to all individuals in a rapidly changing, technology-focused and innovation-driven world. This unit will provide you with the skills necessary to make valuable contributions within a business environment. QCF235 Business Studies 2 will directly develop skills needed to prepare you for positions of employment, leadership, management, and entrepreneurship.

QCF256 General Mathematics 2

| | |
|----------------|--|
| Pre-requisites | QCF156 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

Studying mathematics contributes to preparing you with the knowledge, skills and confidence to participate effectively in the community and the economy. QCF156 General Mathematics 1 and QCF256 General Mathematics 2 provide learning opportunities that focus on: practising essential mathematical routines to develop procedural fluency, investigating scenarios, modelling the real world, solving problems and explaining reasoning. These units highlight the relevance of mathematics in your daily life and the broader community and as such help you to

develop a mathematical mindset.

QCF257 Advanced Mathematics 2

| | |
|----------------|--|
| Pre-requisites | QCF157 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

Studying mathematics is a way to develop your thinking and problem-solving skills through observation, reflection and logical reasoning. QCF157 Advanced Mathematics 1 and QCF257 Advanced Mathematics 2 focus on topics that are the basis for developing effective models of the world and solving complex and abstract mathematical problems. These units provide learning opportunities that focus on: describing and analysing phenomena involving uncertainty and variation, developing an understanding of the physical world, and representing information in a variety of ways. Through solving problems and developing models, you will develop mathematical skills that are critically important in the 21st century.

QCF258 Science 2

| | |
|----------------|--|
| Pre-requisites | QCF158 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3 |

Inquiry into the nature of the universe is at the core of all

science disciplines. This unit develops an appreciation for a body of scientific knowledge and the process that is undertaken to acquire this knowledge. Studying Chemistry and Physics will help you to better understand the world around you and the impact these disciplines have on society. In Science 2 you will investigate scientific theories that are fundamental to the understanding of many common observable phenomena. You will further develop your ability to work scientifically which includes refining experiments, verifying scientific relationships, explaining phenomena with justification and evaluating claims by using evidence to support or refute these claims. This unit develops your critical skills to evaluate and make evidence-based decisions about scientific issues.

QCF260 Creative Design

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

In QCF260 Creative Design you will develop an understanding of approaches to problem solving, creativity and design thinking frameworks. Creative thinking is increasingly valued as a key success factor in professional and educational sectors as it allows you to engage with complex and ever changing environments. You will be introduced to ways of working in groups that are applicable to

a broad range of real world contexts. In these team environments you will use creativity and design thinking frameworks to generate solutions to a given problem and to develop creative solutions.

QCF270 International Perspectives

| | |
|----------------|--------------------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1 |

International students benefit greatly from consideration of a range of cultural, economic, environmental and political matters that impact on them as individuals and global citizens. These issues or challenges are intended to develop international students' cross-cultural awareness in an increasingly global society. The aim of this unit is to introduce international students to an understanding of the complexities of globalisation and its effects on a range of different cultures. At the end of the unit students should have a solid understanding of the challenges facing the global community and be able to express their point of view in an informed manner.

QCF280 Studies of Society 2

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

QCF280 Studies of Society 2 will further prepare you for faculty studies by fostering

appreciation of, and respect for cultural diversity and encouraging attitudes and behaviours required for effective participation in the community and for thinking critically. You will be supported to confidently participate in group discussions, verbally communicate your ideas, and respectfully listen to the ideas and opinions of others. Your critical thinking skills will be developed through practice in synthesising your prior knowledge with your own social investigations.

QCF300 Digital Studies

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3, 6TP6 |

Technologies impact people and society by transforming, restoring and sustaining the world in which we live. Engagement in this unit will help you to consider the impact of technologies including the generation of digital solutions to problems. You will learn about how technology works and gain a more informed understanding of how everyday applications of digital technologies impact your life. By collaborating and using creativity to generate digital solutions to problems, you will understand how people and their needs drive transformation. You will apply digital literacy skills for the purposes of communication and collaboration.

QCF315 Literature Studies

| | |
|----------------|--|
| Pre-requisites | QCF212. QCF212 may be studied in the same teaching period as QCF315. |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP2, 13TP3, 6TP6 |

This unit continues to develop your knowledge, understanding and skills in listening, speaking, reading, viewing, designing and writing. It moves beyond Academic English 1 & 2 while remaining consistent in recognising the need for you as an English language learner to become a competent user of written and spoken English as required in tertiary studies. By providing opportunities for you to enjoy language, this unit empowers you as a functional, purposeful, creative and critical language user who understands how texts can convey and transform personal and cultural perspectives.

QCS230 Computing

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP3, SEM-2 |

It is important when studying at university to have the computing skills necessary for accessing, organising and presenting information and knowledge of the university computing facilities, services, procedures and culture. As these skills are needed at the beginning of university study, this is an introductory subject encompassing Microsoft Windows, Word, Excel and

PowerPoint to provide students with these skills.

QCS300 Introduction to the Language of Research

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 13TP1, 13TP3, SEM-2 |

As an international student studying at postgraduate level, you need a good understanding of the research process and the ability to interpret and critically read a wide range of research texts. This unit focuses on providing you with an introduction to the language of quantitative and qualitative research common to a range of disciplines which will enable you to better engage with published research. You will also focus on research ethics and academic integrity. Completing this unit successfully will provide you with the language you need to progress at the postgraduate level of learning.

QEN001 General English

| | |
|----------------|---|
| Credit Points | 20 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP1, 5TP2, 5TP3, 5TP4, 5TP5, 5TP6, 5TP7, 5TP8, 5TP9 |

General English offers pre-academic English and study skills for students preparing for entry into English for Academic Purposes courses as well as non-academic language development at all levels from elementary to advanced. Classes at specific levels are offered subject to demand.

QEN002 General English

| | |
|----------------|---|
| Credit Points | 20 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP1, 5TP2, 5TP3, 5TP4, 5TP5, 5TP6, 5TP7, 5TP8, 5TP9 |

QEN003 General English

| | |
|----------------|---|
| Credit Points | 20 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP1, 5TP2, 5TP3, 5TP4, 5TP5, 5TP6, 5TP7, 5TP8, 5TP9 |

QEN004 General English

| | |
|----------------|---|
| Credit Points | 20 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP1, 5TP2, 5TP3, 5TP4, 5TP5, 5TP6, 5TP7, 5TP8, 5TP9 |

QEN005 General English

| | |
|----------------|---|
| Credit Points | 20 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP1, 5TP2, 5TP3, 5TP4, 5TP5, 5TP6, 5TP7, 5TP8, 5TP9 |

QEN006 General English

| | |
|----------------|---|
| Credit Points | 20 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP1, 5TP2, 5TP3, 5TP4, 5TP5, 5TP6, 5TP7, 5TP8, 5TP9 |

QEN007 General English

| | |
|----------------|--|
| Credit Points | 20 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP1, 5TP2, 5TP3, |

5TP4, 5TP5, 5TP6, 5TP7, 5TP8, 5TP9

QEN008 General English

| | |
|----------------|---|
| Credit Points | 20 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP1, 5TP2, 5TP3, 5TP4, 5TP5, 5TP6, 5TP7, 5TP8, 5TP9 |

QEN009 General English

| | |
|----------------|---|
| Credit Points | 20 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 5TP1, 5TP2, 5TP3, 5TP4, 5TP5, 5TP6, 5TP7, 5TP8, 5TP9 |

SCB500 Industry Project

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

In this unit students will apply scientific methods and quantitative techniques to real work issues. Students will develop an appropriate plan for analysing and resolving an industry issue under the guidance of both a QUT supervisor and an associate supervisor from an industry partner. At the end of the unit students will present both an oral seminar and a written report.

SEB104 Grand Challenges in Science

| | |
|-----------------|--|
| Anti-requisites | SEB101, SEB102 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

Grand Challenges in Science explores world events, problems or phenomena from a scientific perspective, discovering the many ways in which science is used and misused by practicing scientists and the public. You will understand the problems and challenges of modern scientific inquiry using a range of multidisciplinary perspectives and explore solutions focussed approaches.

SEB113 Quantitative Methods in Science

| | |
|-----------------|---|
| Anti-requisites | MAB101 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1, SEM-2 External - XCH-1, XCH-2 |

SEB113 is a foundational science unit for developing core quantitative skills of analysis, modelling and simulation that underpins all modern scientific practice. These quantitative skills are taught in the scientific context using R, a popular open source computing software, to prepare students for the practical aspects of designing, conducting and analysing experimental and other scientific study. Tools for analysing scientific phenomena include differential and integral calculus, which can model change in system behaviour, and linear modelling and regression, to estimate models while accounting for uncertainty. Such concepts and

techniques, in addition to software skills relating to data handling and visualisation, are central to the scientific study of real world biological, environmental, physical and chemical systems. This unit thus serves as a foundation and prerequisite for many subsequent units in the science degree.

SEB115 Experimental Science 1

| | |
|-----------------|---------------------------------|
| Anti-requisites | SEB114 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Science is the systematic study of the structure and behaviour of the physical and natural world through observation and experiment. To this end scientists employ a unique methodology termed the Scientific Method.

“Experimental Science 1” focuses on the applied principles and concepts embodied by the Scientific Method as it relates to the fields of Chemistry and Physics. You will conduct experimental science, via inquiry-led practice, working both individually and collaboratively. Through classroom activities, workshops and laboratory experiences, you will focus on real-world applications.

SEB116 Experimental Science 2

| | |
|-----------------|----------------|
| Anti-requisites | SEB114 |
| Credit Points | 12 |
| Campus | Gardens Point, |

| | |
|----------------|--|
| | EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Science is concerned with developing testable, quantifiable models of the world around us for the purpose of creating a sustainable, safe future for humankind. To this end, scientists employ a unique methodology termed the Scientific Method.

“Experimental Science 2” focuses on the applied principles and concepts embodied by the Scientific Method as it relates to the fields of biological, environmental and earth science. You will conduct experimental science, via inquiry-led practice, working both individually and collaboratively. Through field and/or laboratory experiences, you will focus on real-world applications.

SEB200 Communicating Science and Mathematics to Diverse Audiences

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

This unit is designed to optimise your communication skills, so that you gain a range of language tools to articulate research and convey complex scientific and mathematical ideas. You will learn how to engage different audiences and gain awareness of responsible communication in these areas.

SEB300 Science and Mathematics Education Capstone

| | |
|----------------|--|
| Pre-requisites | (CRB040 or EUB012) and SEB200 and (CRB215 or CRB204 or EUB221 or EUB224) |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit provides more challenging opportunities for students to put into practice their learning on effective communication of scientific and mathematical concepts to different audiences. You will gain insights into how to gauge the audience's response to your teaching approach and how to redirect your teaching strategy as needed to improve learning outcomes. You will appreciate the many applications of good science and mathematics communication outside of teaching and will have opportunities to produce quality educational materials for different audiences that could be adopted for future use by the relevant organisation, business, educational body or research scientist. The unit is taken as the final unit in the science education minor.

SEB403 Honours Research Project-4

| | |
|----------------|--|
| Pre-requisites | SEB400 and SEB403-3. SEB403-3 can be enrolled at the same time as SEB403-4 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Units

This is the capstone research project the SEF Honours degree and draws together the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree as well as the Foundations of Research, Project Proposal units. In this unit you will execute, complete and present your research project. This unit will prepare you for your transition to the professional world or for a further career in research.

SEB403 Honours Research Project-1

| | |
|----------------|--|
| Pre-requisites | SEB400. SEB400 can be enrolled in the same teaching period as SEB403-1 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This is the capstone unit for the SEF Honours degree and draws together the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree as well as the Foundations of Research, Project Proposal units. In this unit you will execute, complete and present your research project. This unit will prepare you for your transition to the professional world or for a further career in research.

SEB403 Honours Research Project-3

| | |
|----------------|---|
| Pre-requisites | SEB400 and SEB403-2. SEB403-2 can be enrolled at the same time as SEB403-3. |
| Credit Points | 12 |

| | |
|----------------|---------------------------------|
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This is the third part of the capstone research project for the SEF Honours degree and draws together the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree as well as the Foundations of Research, Project Proposal units. This unit will prepare you for your transition to the professional world or for a further career in research.

SEB403 Honours Research Project-2

| | |
|----------------|---|
| Pre-requisites | SEB400 and SEB403-1. SEB403-1 can be enrolled in the same teaching period as SEB403-2 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This is the capstone unit for the SEF Honours degree and draws together the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree as well as the Foundations of Research, Project Proposal units. In this unit you will execute, complete and present your research project. This unit will prepare you for your transition to the professional world or for a further career in research.

SEB404 Honours Research Project-3

| | |
|----------------|---|
| Pre-requisites | SEB400 and SEB404-2. SEB404-2 can be enrolled in the same teaching period as SEB404-3 |
|----------------|---|

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

SEB404-1, SEB404-2, SEB404-3 are the capstone units for the SEF Honours degree and draw together the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree as well as the Foundations of Research unit. In this unit you will execute, complete and present your research project. These units will prepare you for your transition to the professional world or for a further career in research.

SEB404 Honours Research Project-2

| | |
|----------------|---|
| Pre-requisites | SEB400 and SEB404-1. SEB404-1 can be enrolled in the same teaching period as SEB404-2 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

SEB404-1, SEB404-2, SEB404-3 are the capstone units for the SEF Honours degree and draw together the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree as well as the Foundations of Research unit. In this unit you will execute, complete and present your research project. These units will prepare you for your transition to the professional world or for a further career in research.

SEB410 Advanced Topic 1

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

This is an advanced level unit offering the opportunity to undertake an in-depth examination of an advanced topic to acquire expertise in one or more disciplines. The content of this unit will depend upon the chosen discipline and topic. The skills gained in this unit will broaden the knowledge and understanding of methodologies and potential research topics. It will support students in developing essential skills that enable clarity and focus in research.

SEB411 Advanced Topic 2

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

This honours level unit develops advanced knowledge and skills in one or more discipline areas. The unit will have an industry or research training focus to prepare you for a job in the real-world or for further studies. This advanced topic is designed to complement your studies in the Honours Research Project, Introduction to Research and Reviewing the Field units.

SEB701 Work Integrated Learning 1

| | |
|----------------|--|
| Equivalent s | BEB701 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

This unit provides opportunities to learn from workplace experiences. It involves attendance, participation, observation, critical reflection, and report writing on workplace activities. The emphasis of your critical reflection and report writing will be on identifying and describing aspects of professional relevance incorporating: collaboration and teamwork; work place, health and safety; professional conduct; ethical responsibility; and other aspects of your work place experience. This unit may form part of your (compulsory) course core (as required by professional accrediting bodies e.g. Engineers Australia) or it may be one of several Work Integrated Learning (WIL) units (selected as part of a minor).

SEB709 Work Integrated Learning 1

| | |
|----------------|--|
| Equivalent s | BEB709 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

SEB709 is for students who are undertaking a second primary major in the same course, and who have already completed SEB701 in their first primary major. Please

note: Advance standing for BEB/SEB701 can not be granted for a second primary major in the same course.

STB403 Honours Research Project 1

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

This is the capstone unit for the SEF Honours degree that aims to draw together, and build upon, the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree. In this unit you will acquire the knowledge and skills essential to engaging with and conducting research, so that you may execute, complete and present your research project. Initially, this unit introduces you to the research process, project planning and management, and methodologies used in science. You will then apply your knowledge to a discipline-related issue or problem and carry out an independent and in-depth study that will provide the opportunity to extend and broaden your understanding of your chosen research topic. You will be required to relate the project work to published work in your field of study. This unit will prepare you for your transition to the scientific workplace, and in particular, a career in research.

STB403 Honours Research Project 2

| | |
|---------------|---------------|
| Credit Points | 12 |
| Campus | Gardens Point |

Units

| | |
|----------------|--|
| Availabilityes | Gardens Point - SEM-1, SEM-2 |
|----------------|--|

This is the capstone unit for the SEF Honours degree that aims to draw together, and build upon, the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree. In this unit you will acquire the knowledge and skills essential to engaging with and conducting research, so that you may execute, complete and present your research project. Initially, this unit introduces you to the research process, project planning and management, and methodologies used in science. You will then apply your knowledge to a discipline-related issue or problem and carry out an independent and in-depth study that will provide the opportunity to extend and broaden your understanding of your chosen research topic. You will be required to relate the project work to published work in your field of study. This unit will prepare you for your transition to the scientific workplace, and in particular, a career in research.

STB403 Honours Research Project 6

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilityes | Gardens Point - SEM-1, SEM-2 |

This is the capstone unit for the SEF Honours degree that aims to draw together, and build upon, the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree. In this unit

you will acquire the knowledge and skills essential to engaging with and conducting research, so that you may execute, complete and present your research project. Initially, this unit introduces you to the research process, project planning and management, and methodologies used in science. You will then apply your knowledge to a discipline-related issue or problem and carry out an independent and in-depth study that will provide the opportunity to extend and broaden your understanding of your chosen research topic. You will be required to relate the project work to published work in your field of study. This unit will prepare you for your transition to the scientific workplace, and in particular, a career in research.

STB403 Honours Research Project 3

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilityes | Gardens Point - SEM-1, SEM-2 |

This is the capstone unit for the SEF Honours degree that aims to draw together, and build upon, the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree. In this unit you will acquire the knowledge and skills essential to engaging with and conducting research, so that you may execute, complete and present your research project. Initially, this unit introduces you to the research process, project planning and management, and methodologies used in

science. You will then apply your knowledge to a discipline-related issue or problem and carry out an independent and in-depth study that will provide the opportunity to extend and broaden your understanding of your chosen research topic. You will be required to relate the project work to published work in your field of study. This unit will prepare you for your transition to the scientific workplace, and in particular, a career in research.

STB403 Honours Research Project 4

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilityes | Gardens Point - SEM-1, SEM-2 |

This is the capstone unit for the SEF Honours degree that aims to draw together, and build upon, the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree. In this unit you will acquire the knowledge and skills essential to engaging with and conducting research, so that you may execute, complete and present your research project. Initially, this unit introduces you to the research process, project planning and management, and methodologies used in science. You will then apply your knowledge to a discipline-related issue or problem and carry out an independent and in-depth study that will provide the opportunity to extend and broaden your understanding of your chosen research topic. You will be required to relate the project work to published

work in your field of study. This unit will prepare you for your transition to the scientific workplace, and in particular, a career in research.

STB403 Honours Research Project 5

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

This is the capstone unit for the SEF Honours degree that aims to draw together, and build upon, the theory, practice and discipline fundamentals that have been covered in your Bachelor's degree. In this unit you will acquire the knowledge and skills essential to engaging with and conducting research, so that you may execute, complete and present your research project. Initially, this unit introduces you to the research process, project planning and management, and methodologies used in science. You will then apply your knowledge to a discipline-related issue or problem and carry out an independent and in-depth study that will provide the opportunity to extend and broaden your understanding of your chosen research topic. You will be required to relate the project work to published work in your field of study. This unit will prepare you for your transition to the scientific workplace, and in particular, a career in research.

STB410 Advanced Techniques in Earth, Environmental and Biological Research

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

This honours level unit develops a range of advanced skills and knowledge necessary for the workplace. The training focus of this unit is relevant to both industry and research environments and will help to prepare you for a job in the real-world, or for further studies. This advanced topic is designed to complement studies in the Honours Research Project.

STB411 Advanced Topics in Earth, Environmental and Biological Research

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

This honours level unit develops advanced knowledge and skills in an area specific to the individual student's discipline (either biological, earth or environmental science) and their subject area. The training focus of this unit is relevant to both industry and research environments and will help to prepare students for a job in the real-world, or for further studies. This advanced topic is designed to complement studies in the Honours Research Project.

STB412 Advanced Experimental Chemistry Techniques

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

This unit is offered at the Honours level for students who wish to build on their knowledge in chemistry, obtained during their undergraduate studies. The unit will provide an essential platform for further studies and theoretical and experimental research concerning the analysis of chemical compounds.

STB413 Frontiers of Chemistry

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

This unit is offered at the Honours level for students to build on their knowledge in chemistry, obtained during their undergraduate studies. By exploring the most recent advances in the field, the unit will provide an essential platform for further studies and theoretical and experimental research in all areas that require knowledge of modern chemistry. To successfully complete this unit you will:

1. Be up to date with the theory and practice of cutting edge research areas at the frontiers of modern chemistry
2. Develop skills used in problem solving in at least three areas of cutting-edge research.
3. Apply critical and creative thinking using advanced

chemistry theory to articulate the challenges, problems and opportunities in areas of cutting-edge research.

STB414 Advanced Quantum Mechanics

| | |
|---------------|---------------------------------|
| Credit Points | 12 |
| Campus | Gardens Point |
| Availability | Gardens Point - SEM-1 |

Quantum mechanics (QM) is at the forefront in developing a comprehensive physical understanding of our world, including natural links between macro- and micro-processes practically in all areas of modern physics, such as elementary particles, astrophysics, optics, lasers and spectroscopy, condensed matter physics, electronic devices and electronic engineering, nuclear physics etc. Therefore, quantum theory is one of the most important and fundamental theories in physics, which has a tremendous impact on modern science and technology. 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.

STB415 Solid State Physics and Nanomaterials

| | |
|---------------|----------------------|
| Credit Points | 12 |
| Campus | Gardens Point |
| Availability | Gardens Point |

es - SEM-2

This unit is offered at the Honours level for students who wish to build on their knowledge in solid state physics and nanomaterials, 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 material science and nanotechnology. Theoretical and experimental lectures supported by problem solving and practical activities in a flexible learning program will provide advanced skills in solid state theory, band structure calculations, quantum physics and modern experimental techniques, including spectroscopy and microscopy.

SWB100 Orientation to Social Work and Human Services

| | |
|-----------------|---------------------------------------|
| Anti-requisites | HHB100 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availability | Kelvin Grove - SEM-1, SEM-2 |

Purposefully positioned at the beginning of your course, this unit scaffolds essential learning about the scope of social work or human services, the professional context, and the changing occupational patterns of and service delivery. It is important that you start to explore your own motivation for becoming a social work or human service practitioner and begin to develop your professional identity. This unit

also considers it essential that you are provided with the foundation for developing a critical approach to practice, grounded in social justice and social change. The concepts of power, oppression, privilege, and positionality will be explored. An understanding of critical practice, cultural diversity and the construction of 'difference' is presented as fundamental to commencing your reflective learning journey that you will continue throughout the social work or human services course.

SWB102 Human Development and Behaviour

| | |
|-----------------|--------------------------------|
| Anti-requisites | HHB102 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availability | Kelvin Grove - SEM-1 |

Social work and human service students are studying for professional careers that enhance people's personal and social wellbeing and development, enhance problem solving in relationships, and promote human rights and social justice. To do this you need to understand how individual development and behaviour are shaped by a range of factors including biological, psychological, socio-cultural, political and economic factors. You will learn about a range of theories of development and behaviour and consider the implications of such ideas for social work and human service practice. You will learn about key aspects of human

behaviour such as emotion, motivation and socialisation and integrate and communicate this knowledge. Studying this information in the first year of the course provides you with necessary foundational information about people and the environments that shape their lives.

SWB105 Contemporary Human Rights

| | |
|-----------------|---------------------------------------|
| Anti-requisites | HHB114 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

Graduates across a wide range of professions must have an understanding of human rights and ethics together with an appreciation of their relevance for many contemporary global, regional and national issues. This unit provides an introduction to human rights . It is deliberately located within a broad political, legal, social, cultural and economic framework. It examines the relationship between human rights and thematic challenges including climate change, poverty, and oppressive forms of intolerance and discrimination. It offers the opportunities to investigate present day concerns relating to the human rights of women, Indigenous peoples and minority groups as well as specific topics such as human trafficking, harmful cultural practices, workers' rights and child soldiers. It includes a range of Australian human rights, ethical and social justice

issues.

SWB108 Australian Society, Systems and Policies

| | |
|-----------------|--------------------------------|
| Anti-requisites | SWB103, SWB218 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Social work and human service professionals practice from a social justice perspective to engage with people who experience disadvantage. This unit focuses on understanding the structural dimensions of Australian society influenced by the global neoliberal context that produces, reproduces and entrenches inequality, poverty and precarity through uneven resource distribution and major social problems. Critical theory with a sociological lens is used to examine the contested space of policy (e.g. health, education, and income support), diverse institutions and systems (such as parliament, social services, media) that underpin the political economy of Australia and the welfare state. The unit is located in the first year as it provides the foundation for developing a critical orientation to practice and aspiring to create a more democratic, egalitarian society by introducing students to the fundamentals of Australian society, social policy and social service provision.

SWB109 Working with Aboriginal and Torres Strait Islander Peoples and Communities

| | |
|-----------------|--------------------------------|
| Anti-requisites | EDB041 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Social work, human services and allied professions are identified as 'helping' professions, yet have been, and in some circumstances continue to be, complicit in enacting discriminatory and harmful social policies. To prevent perpetuation of these practices it is essential that practitioners possess knowledge of their professions' role in colonising practices. Practitioners require a deep understanding of how the profound disadvantage evidenced across social, health, and economic indicators, are embedded in colonisation. Understanding the impacts of dispossession, colonisation and policy directives on the ability to achieve self-determination and empowerment as basic human rights provides a requisite platform for culturally safe practice and helps redress social exclusion and marginalisation. Critical self-awareness, reflexivity and reflective practice, along with a strong critical analysis of institutionalized racism and privilege, are essential components of culturally safe practice.

SWB110 Understanding Families and Relationships

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

For effective practice, social workers and human services practitioners need a deep, critically informed understanding of the nature and importance of relationships for human well-being identity and social justice. The immediate social worlds of individuals and families are complex, dynamic and heavily influenced by their socio-political context. To appropriately support people through professional practice an appreciation of this aspect, as well as the impact of diversity and difference is required. Through understanding these complexities social work and human service practitioners can shape their practice to better respond to the needs of individuals, families, groups and communities. This unit provides introductory knowledge for professional practice and is located in first year as a foundation for subsequent critical theory and practice.

SWB200 Working in Human Service Organisations

| | |
|-----------------|-------------------------------------|
| Pre-requisites | SWB100 or HHB100 |
| Anti-requisites | HHB200 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove |

| | |
|----|--|
| es | - SEM-1 External - XCH-1, XCH-2 |
|----|--|

This unit critically examines professional roles within the organisational context of Human Service and Social Work practice. Using an approach that combines traditional classes with an experiential approach, it examines the professional role, organisational requirements, student developmental needs, motivations, and personal responses to these factors in the Human Service/Social Work context.

SWB201 Human Services Practice Placement 1

| | |
|-----------------|--|
| Pre-requisites | (SWB100 or HHB100) and PYB007 |
| Anti-requisites | SWB208 or HHB208, SWB209 |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM |

Human service students are required to demonstrate proficiency in applying professional knowledge and skills in real world situations. To integrate the theoretical knowledge obtained in the course, students are required to successfully complete two field education practicums. This introductory 200-hour practicum provides the opportunity to engage with critical practice within one human services agency to critically develop and apply consolidated skills, knowledge and professional attributes in accordance with the Australian Community Welfare

Association's core competencies. You will undertake tasks and responsibilities of a student practitioner under the guidance and direction of an agency supervisor. This unit prepares you for critical practice and will assist in grounding your ongoing theoretical learning in your academic units through critical reflection on practice.

SWB204 Introduction to Child and Family Services

| | |
|-----------------|---|
| Anti-requisites | HHB204 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit focuses on social work and human services with children and families with an emphasis on providing support and services to parents so they are better able to identify and meet their children's needs. It introduces you to the continuum of welfare and family support services in Australia and knowledge and skills central to effective work with children and families. You will critically analyse the application of selected social work and human service practice approaches to work across a range of service contexts for children and families. Students from education, psychology, and health related areas also find this unit useful as it provides a foundation in theories and approaches for inter-professional practice with

children and families that is transferable to a wide range of professional settings.

SWB207 Introduction to Youth Services

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

As social work and human service practitioners it is essential to have an understanding of and capacity to critique the range of ways young people are constructed in academic and popular contexts. It is also important for practitioners to have an appreciation of current policies oriented to young people and the nature of the various service delivery systems and programs in operation. This unit aims to give you a critical appreciation of the different ways 'youth' is understood in academic, policy and popular contexts, which is of fundamental importance if policy and practice responses and choices are to be understood.

SWB211 Casework and Case Management

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

Social work and human service practitioners are expected to be familiar with critical casework processes and practice models, including understanding their strengths and limitations and implications

for practice. Accordingly, this unit provides foundational knowledge and skill for practitioners who will utilise these critical tools. It is located in the second year and will provide an opportunity for you to apply key principles and theories to practice scenarios in preparation for forthcoming placements. It extends from SWB221, which examines the helping processes from a range of critical social work perspectives. The aim of this unit is to enable you to develop your understanding of critical casework and its relevance of these for practice in complex and diverse settings.

SWB212 Community and Place Based Practice

| | |
|-----------------|---|
| Anti-requisites | HHB212 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

Community level practice is a key social work and human services method. Various theories and approaches to 'community' and community work have been developed and used in practice. In recent years this has extended to include the need for locality oriented frames of 'space' and 'place', particularly as these apply to disadvantaged localities and tensions in various people's use of public spaces. This unit develops baseline practice skills and techniques for community-level practice underpinned by social

work and human service ethics and values. Located in second year, this unit introduces you to the particular field of community work practice, building on foundational knowledge about social work and human services systems.

SWB219 Legal and Ethical Dimensions of Social Work and Human Service Practice

| | |
|-----------------|---|
| Pre-requisites | SWB100 and SWB105 |
| Anti-requisites | HHB277 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

Human service and social work professionals engage with people in a wide variety of situations across a range of fields of practice. The legal dimensions of practice range from the nature of legislative provisions to the legal accountabilities of direct practice. Practitioners often work with vulnerable and/or marginalised persons, groups and communities and need to understand the law as both context and as a dynamic resource with which they can engage. Legal and ethical considerations in practice often intersect and are usefully examined in conjunction with each other. An understanding and capacity to respond to ethical dimensions of practice situations is central to professional capability and requires you to develop literacy about key ethical approaches

and concepts, and the capability to critically apply social work and human service professional Codes of Ethics.

SWB220 Practice Theories

| | |
|-----------------|--------------------------------|
| Anti-requisites | HHB278 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

In line with the orientation of the social work and human service courses as a whole, this unit emphasises the conceptual component of your developing personal and professional practice framework integral to working effectively with a range of services users in a variety of different contexts. It is essential that you have a capacity to explore conceptually a range of theories and theorists and to apply these to specific practice contexts, consider your own practice frame of reference and ideological influences, and understand the implications of these for practice.

SWB221 Professional Practice Processes and Assessment

| | |
|-----------------|--------------------------------|
| Anti-requisites | HHB279 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Human service and social work students must build foundational knowledge and skills in practice, including engagement, assessment and intervention processes that address social problems while

promoting social justice and respecting diversity. This unit begins that foundation through focusing on integration of critical theory and practice perspectives. Diversity is understood to relate to culture, class, 'race'/ethnicity but also sexuality, age, ability and gender identification. Because of its importance in preparing you to undertake professional placements, the unit is strategically located in second year. The unit pays special attention to how to engage with, assess and design interventions with diverse groups that are socially disadvantaged, oppressed/or and stigmatised.

SWB222 Advanced Communication for Social Work and Human Services

| | |
|-----------------|--------------------------------|
| Pre-requisites | HHB113 or SWB104 or PYB007 |
| Anti-requisites | HHB215, HHB282 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Developed interpersonal communication skills are the cornerstone for both personal and professional relationships. Human service and social work in a broad sense, aim to help people in their struggle for self-determination and social justice. At a fundamental level, the struggle for independence, justice and empowerment is facilitated by interpersonal processes involving the effective use of communication and conflict resolution skills. This is a skills based unit

located in the second year of the Social Work degree and the third year of the Human Services degree to build upon fundamental communication skills. These culturally sensitive and diverse skills are the core of sound practice, whether at a micro or macro level. The essential practitioner skill of a heightened sense of self is closely examined as are reflective strategies to effectively deal with and prevent vicarious trauma, burnout and enhance lifelong learning.

SWB304 Child Protection and Family Practice

| | |
|-----------------|------------------------------|
| Pre-requisites | SWB204 or SWB110 |
| Anti-requisites | HHB304 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SUM |

This unit contributes to the aims of the social work and human services courses by extending and deepening your knowledge for practice with children and families. In particular you will extend and apply understandings related to child development and family process, cultural safety and the wellbeing of Aboriginal and Torres Strait Islander children and families, service contexts and collaborative practice, and contemporary policy and practice frameworks for child and family work. You will also have practice in the transfer of generic social work and human service skill to work with children, families and

caregivers, in particular you will study engagement and assessment practices for building productive relationships with children.

SWB306 People, Community and Disability

| | |
|----------------|---|
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

Social work and human service practitioners must have the relevant professional knowledge and skills to understand the impact of disability, chronic conditions and health-related issues experienced by people and encountered in the community. The experience of disablement, chronic conditions or health-related issues can universally impact on people of any age or culture at any point during life course transition. This unit provides a platform for developing and integrating knowledge and skills to effectively respond to disability issues and challenging social constructions located in international, national and local community contexts.

SWB307 Youth Services Practice

| | |
|----------------|--|
| Pre-requisites | Completion of 144 credit points or more of study |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit focuses on a wide

range of practice contexts relevant to work in services for young people. Increasingly professionals working with young people or in agencies concerned with or impacting on young people require expertise about specific issues and practice responses. This expertise may be related to a particular professional role (eg policy analyst and advocate), the orientation or framework employed by the funding program or service (eg early intervention or prevention), or particular practice approaches that respond to issues/needs that may be impacting on young people who constitute the target group (eg mental health, drug use, juvenile offending).

SWB312 Global Challenges and Practice

| | |
|-----------------|---|
| Anti-requisites | HHB341 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit illustrates the scope of social work and human services practice by applying social justice lens knowledge, skills and values to a range of international and regional issues. You will explore the relationship between core human rights principles and values and global international issues including social justice, human rights, development assistance, aid and key concerns identified in the Sustainable Development

Goals.. The cross-disciplinary nature of this unit means it would also benefit other health discipline students wanting to work internationally. As an advanced unit it extends on the knowledge and learnings from SWB105 Contemporary Human Rights.

SWB314 Human Services Practice Placement 2

| | |
|-----------------|--|
| Pre-requisites | SWB201 and SWB219 and SWB220 and SWB221 |
| Co-requisites | SWB406 |
| Anti-requisites | HHB301, SWB301 |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM |

Human service students are required to demonstrate social justice and proficiency in applying consolidated professional knowledge and skills in real world situations. To integrate theoretical knowledge obtained in the course, students must successfully complete two field education practicums. This final practicum of 350-hours in one human service agency builds on the experience gained in the first 200-hour practicum. By engaging with direct and/or community or policy practice under the guidance and direction of an agency supervisor you will demonstrate capability in critically applying skills, knowledge and professional attributes in accordance with the Australian Community Welfare Association's core competencies. Practicum tasks

and responsibilities are completed under the guidance and direction of a qualified field educator. This unit prepares you for critical practice and employment as a high quality, safe and ethical human services professional.

SWB316 Social Work Field Education 1A

| | |
|-----------------|--|
| Pre-requisites | (SWB219 or HHB277) and (SWB221 or HHB279) and (SWB222 or PYB208 or HHB282) |
| Co-requisites | SWB317 and SWH310 |
| Anti-requisites | SWB309, HHB338 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM |

Social work students are required to demonstrate proficiency in applying knowledge and skills in complex real world situations. To integrate the theoretical knowledge obtained in the course, students are required to successfully complete two field education practicums of 500 hours each. This first 500 hour practicum provides the opportunity to develop and demonstrate skills, knowledge and professional attributes for safe, high quality and ethical practice in accordance with the AASW Practice Standards and Code of Ethics. The combined SWB316/317 unit provides students with real world opportunities to critically apply consolidated knowledge and skills gained through the course. This designated unit provides a professionally supervised social work

experience. Practicum tasks and responsibilities are completed under the guidance and direction of a qualified field educator and supported through university integration seminars.

SWB317 Social Work Field Education 1B

| | |
|-----------------|---|
| Pre-requisites | (SWB219 or HHB277) and (SWB221 or HHB279) and (SWB222 or PYB208 or HHB282) and SWB316. SWB316 can be enrolled in the same study period. |
| Co-requisites | SWH310 |
| Anti-requisites | SWB309, HHB338 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM |

This designated unit provides a professionally supervised social work experience. Social work students are required to demonstrate proficiency in applying knowledge and skills in complex real world situations. To integrate the theoretical knowledge obtained in the course, students are required to successfully complete two field education practicums of 500 hours each. This first 500 hour practicum provides the opportunity to develop and demonstrate skills, knowledge and professional attributes for safe, high quality and ethical practice in accordance with the AASW Practice Standards and Code of Ethics. The combined SWB316/317 unit provides students with real world opportunities to critically apply consolidated knowledge and

skills gained through the course. Practicum tasks and responsibilities are completed under the guidance and direction of a qualified field educator and supported through university integration seminars at the beginning and end of placement.

SWB318 Disaster Health: Principles, Planning and Practice

| | |
|----------------|------------------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SUM |

Despite its sophistication, contemporary societies across the globe face major incidents, humanitarian crises and disasters which have significant multilevel consequences, including injury, disruption and psychosocial trauma for individuals, groups and communities in crisis. A range of different professionals and practitioners play significant role in the disaster management: cycle, that includes response; recovery; mitigation and preparation. This unit provides you with an opportunity to examine the multiple issues involved in disaster management using a social lens of well-being and to acquire the knowledge and skills needed to operate effectively the disaster management cycle.

SWB333 Participatory Community Development

| | |
|----------------|--------------------------------|
| Pre-requisites | Completion of 96 credit points |
| Credit Points | 12 |

Units

| | |
|----------------|--------------------------------|
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Participatory community development is a key methodology and approach to working in human services and social work, particularly when working with vulnerable and often marginalised groups across diverse settings. This unit provides you with an opportunity to gain a fundamental understanding of the dynamics of participatory practice as it applies to dialogue, group work, and people's organisations, and acquire beginning skills for effective engagement and intervention. It is located in the third year to provide a platform for professional work in communities using a community development approach.

SWB402 Social Work Field Education 2A

| | |
|-----------------|--|
| Pre-requisites | SWB220 and SWB221 and (SWB310 or SWH310) and SWB316 and SWB317 |
| Co-requisites | SWB403 and SWB406 |
| Anti-requisites | HHB408, SWB408 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM |

Social work students are required to demonstrate proficiency in applying knowledge and skills in complex real world situations. The combined SWB402/403 unit makes up the final practicum experience of 500 hours, building on the experience gained in the first

practicum. Students must successfully demonstrate skills, knowledge, and professional attributes necessary for safe, high quality and ethical practice in accordance with the AASW Practice Standards and Code of Ethics. This unit provides students with the opportunity to undertake professional practice. Through the application of consolidated knowledge and skills gained through the course you will develop your identity as an emerging critically reflective social work practitioner. Tasks and responsibilities are completed under the guidance and direction of a social work supervisor and supported through university liaison visits and workshops.

SWB403 Social Work Field Education 2B

| | |
|-----------------|---|
| Pre-requisites | SWB220 and (SWB310 or SWH310) and SWB316 and SWB317 and SWB402. SWB402 can be enrolled in the same teaching period as SWB403 |
| Co-requisites | SWB406 |
| Anti-requisites | SWB408, HHB408 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM |

Social work students are required to demonstrate proficiency in applying knowledge and skills in complex real world situations. The combined SWB402/403 unit makes up the final practicum experience of 500 hours, building on the experience gained in the first

practicum. Students must successfully demonstrate skills, knowledge, and professional attributes necessary for safe, high quality and ethical practice in accordance with the AASW Practice Standards and Code of Ethics. This unit provides students with the opportunity to undertake professional practice. Through the application of consolidated knowledge and skills gained through the course you will develop your identity as an emerging critically reflective social work practitioner. Tasks and responsibilities are completed under the guidance and direction of a social work supervisor and supported through university integration seminars at the beginning and end of your placement experience.

SWB405 Advanced Social Work Project

| | |
|-----------------|-------------------------------------|
| Anti-requisites | HHB411 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SUM |

Social work occurs in a very wide range of practice contexts. This unit provides you with an opportunity to develop skills in researching a particular area of practice, skills which are highly relevant to good practice and ongoing professional development. Project focus will be completion of a critical literature review that is developed in consultation with your honours supervisor.

SWB406 Transition to Practice

| | |
|-----------------|--|
| Pre-requisites | SWB314 or (SWB402 and SWB403). SWB314 or SWB402 or SWB403 can be studied in the same teaching period as SWB406 |
| Anti-requisites | SWB409, SWB301 |
| Equivalent s | SWB315 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM |

This unit provides opportunities for you to critically appraise and synthesize your entire coursework experience as you transition into the workforce and a professional career as a social work or human services practitioner. You are provided with opportunities to critically assess and articulate your professional identity and integrate course learnings necessary to prepare for transition to practice. This unit actively focuses on workforce readiness and student ability to undertake professional practice in complex environments.

SWH202 Health, Wellbeing and Social Work

| | |
|----------------|--------------------------------|
| Equivalent s | SWB202 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Social workers frequently work in the health system and when working in other fields of practice, the health and wellbeing of their clients, their families and more broadly the community, remains of central

importance. This unit is placed in the second year of the social work course, providing opportunity for students to build upon existing knowledge and self-awareness to enable critical exploration and analysis of relevant knowledge, theories and systems relevant to health and wellbeing. Specifically, health is introduced as a “social” idea, with consideration of the social determinants of health, as well as the social causes and consequences of health inequalities. Using a holistic understanding and consideration of health challenges across the lifespan, models of health are evaluated and priority given to a biopsychosocial-spiritual-cultural approach to understanding health and wellbeing.

SWH310 Linking Social Work Theory and Practice

| | |
|-----------------|---|
| Pre-requisites | (HHB277 or SWB219) and (HHB279 or SWB221) and (HHB282 or SWB222 or PYB208) and SWB316 and SWB317. SWB316 and SWB317 can be studied in the same teaching period as SWH310. |
| Anti-requisites | HHB339 |
| Equivalent s | SWB310 |
| Credit Points | 12 |
| Campus | Kelvin Grove and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2, SUM External - SUM |

In the Australian practice context, all social workers are required to work in accordance with a practice framework that encompasses theoretical and

ethical components as informed by the Australian Association of Social Workers (AASW) Code of Ethics (2010). This unit supports students to clearly and concisely develop and articulate a professional framework that guides and underpins practice. Your personal and professional practice framework is an important component of work that you will continue to develop and utilise following your academic studies. This unit complements professional placement.

SWH311 Mental Health and Social Work

| | |
|-----------------|--------------------------------|
| Pre-requisites | SWB221 or HHB279 |
| Anti-requisites | HHB340 |
| Equivalent s | SWB311 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit critically examines mental health and mental illness within contemporary society. It enables students to develop introductory knowledge and skill to support their understanding and capacity to intervene and/or support individuals, families, groups and communities impacted by mental health problems or mental illness. Students are introduced to challenges associated with stigma and discrimination, diagnosis and assessment that is dominated by the medical model, mental health services across the

lifespan, gaps in service delivery, vulnerable individuals, groups and communities with specific needs, and relevant Australian policy. The importance of the community-based consumer-led recovery model is highlighted throughout the unit and students are positioned to critique and challenge existing service infrastructure with a view to ethical social work practice.

SWH400 Policy Skills for Professional Practice

| | |
|-----------------|---|
| Pre-requisites | SWB108 or SWB218 or SWB103 |
| Anti-requisites | SWB302 |
| Equivalent s | SWB400 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabiliti es | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

Social workers and human service workers must have a thorough understanding of the macro policy context and the structure of government, an awareness of political institutions and policy actors in Australia, policy-writing and research, policy-making processes, budgetary considerations and strategies for change. An appreciation of the 'art' and extent of real world politics - 'realpolitik'- assists in understanding how these policy institutions, processes, cycles and strategies combine to shape and change social policy. This unit describes and explores the relationships between politics, economics

and social policy placing particular emphasis on the implications of these and other macro forces for social work practice. This unit focuses on integrating policy knowledge, research and analysis to apply tools to real world policy issues for policy change.

SWH401 Social Research for Social Change

| | |
|-----------------|--------------------------------|
| Pre-requisites | SWB100 or HHB100 |
| Equivalent s | SWB401 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-1 |

This unit equips you with knowledge and skills to investigate models of service and practice questions and to develop recommendations for change. A range of particular methods for developing, evaluating and improving models of social service and social care delivery will be examined including reflective practice, participatory action research, service evaluation and quality assurance processes, and the use of empirical research to inform practice. You will be able to apply methods learnt to a range of service delivery and practice contexts.

SWH404 Complexity in Social Work and Human Services Practice

| | |
|----------------|--|
| Pre-requisites | (SWB201 or SWB321 or SWB317) and SWB219. SWB219 can be studied in the same teaching period as SWH404 |
| Equivalent | SWB404 |

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| s | |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabiliti es | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit builds your capacity to integrate your learning across the course, and to refine your critical framework for practice. You will explore complexity present in contemporary social problems, such as climate change, structural disadvantage, and poverty, which shape the lives of clients, and identify your own integrated vision for practice. Social workers and human service workers are at the forefront of redressing these complex issues that create inequality and barriers for individuals, groups and communities. This unit extends on and integrates knowledge and theories, values, ethics and different practices learnt across the course journey to position professional frameworks for practice. It considers the way professionals can make a contribution to the field or difference in the lives of vulnerable people and communities.

SWN002 Introduction to Social Work Practice and Contexts

| | |
|-----------------|---|
| Pre-requisites | SWN018. SWN018 may be studied in the same teaching period as SWN002 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-1 |

This unit introduces you to the diverse and contested world of social work and is the first step in constructing your professional identity. It provides an entrée to a range of vital foundational concepts that will be developed further in other units, as you progress through the course. We critically examine the roles and purpose of social work within the dynamic interplay of social, economic and political structures and their implications for social work practice. We analyse practice methods and processes, formal theoretical frameworks that inform social work practice, values and ethics; ways of knowing; the history of social work and a broad overview of global social forces that influence and shape contemporary Australian society. Various fields of practice and organisational contexts within social work practice are also explored, with an emphasis on social justice, inequality, social change, critical analysis and reflection.

SWN003 Community and Policy Practice

| | |
|----------------|--|
| Pre-requisites | SWN018 and SWN002 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 (Block) |

This unit provides you with opportunities to re-orient your practice by using critical theory to research and analyse 'big' policy issues. In developing your critical approach, formulate change responses to

social issues through the design, implementation and evaluation of socially just community change and social policy strategies. This unit prepares you for developing community action strategies and social policy solutions.

SWN004 Communication and Engagement in Professional Contexts

| | |
|----------------|--|
| Pre-requisites | SWN018. SWN018 may be studied in the same teaching period as SWN004. |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 (Block) |

The major focus of this unit is on developing your interpersonal communication skills for working with individuals and groups in voluntary and involuntary practice contexts. This unit complements SWN018 by assisting you to integrate social work skills development in communication, assessment and intervention with an application of social work's theoretical base. This is a skills-based unit located in the first year of the Master of Social Work degree builds upon your fundamental communication skills.

SWN005 Health, Wellbeing and the Human Condition

| | |
|----------------|--|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 (Block) |

Regardless of where social workers practice, health,

mental health and wellbeing are fundamental dimensions of the human experience. This unit examines contemporary issues that shape and inform our understanding of health and the human condition in Australian and international contexts. Key concepts are deconstructed and critically analysed, with a focus on how related health policies, practices, and services impact equity and access for individuals, families, communities and society.

SWN006 The Ethical, Legal and Organisational Contexts of Practice

| | |
|----------------|--|
| Pre-requisites | SWN018 or SWN001 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 (Block) |

This unit locates social work practice within its ethical, legal and organisational context. It emphasises the imperative for students to know, understand and actualise core social work values particularly those incorporated in the profession's national and international codes of conduct, professional standards and ethical practice requirements. The statutory and organisational dimensions of social work practice are described and explored with case scenarios providing opportunities to develop strategies for self-management within diverse organisational contexts.

SWN007 Casework Practice

| | |
|----------------|--|
| Pre-requisites | SWN018 or SWN001 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 (Block) |

Social work practitioners are expected to be familiar with both critical casework practices and more conventional case management processes including understanding their strengths and limitations and implications for practice. Accordingly, this unit provides theoretical knowledge and creative skills for practitioners who will apply these critical tools to evaluate the complexities of practice. It is located in the second semester of the first year of the Masters program and will provide an opportunity for students to apply key principles and theories to practice scenarios in current and forthcoming placements.

SWN010 The Socio-Cultural Context of Professional Practice

| | |
|----------------|--|
| Pre-requisites | SWN018 or SWN001 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 (Block) |

This unit develops your knowledge about historical and contemporary issues impacting on Aboriginal and Torres Strait Islander peoples and culturally and linguistically diverse Australians. It also introduces you to ways of working with cultural diversity in a culturally

responsive and safe way.

SWN011 Professional Practice 1

| | |
|----------------|--|
| Pre-requisites | (SWN001 or SWN018) and SWN002 and SWN004 and SWN007 and SWN008. SWN007 and SWN008 may be studied in the same teaching period as SWN011 |
| Co-requisites | SWN012 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 (Block) |

Demonstrating ability to apply values, knowledge and skills to work effectively with colleagues and clients is a key component of the social work degree. This first 500- hour practicum provides the opportunity to consolidate your learning from the first semester of the degree through working in real world practice settings. This is important because it allows you to develop your identity as an emerging critically reflective social work practitioner. Under the guidance and direction of a qualified field educator, you will acquire capabilities necessary for safe, high quality and ethical practice in accordance with the AASW Practice Standards and Code of Ethics. Learnings from practical experiences are will set the foundations for your final practicum in the last semester of the degree. University integration seminars support linking theory to practice, culminating in the development of your emerging social work practice framework.

SWN012 Professional Practice 2

| | |
|----------------|--|
| Pre-requisites | (SWN001 or SWN018) and SWN002 and SWN004 and SWN007 and SWN008 and SWN011. SWN007, SWN008 may be taken in the same teaching period as SWN012 |
| Co-requisites | SWN011 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 (Block) |

Demonstrating ability to apply values, knowledge and skills to work effectively with colleagues and clients is a key component of the social work degree. This first 500- hour practicum provides the opportunity to consolidate your learning from the first semester of the degree through working in real world practice settings. This is important because it allows you to develop your identity as an emerging critically reflective social work practitioner. Under the guidance and direction of a qualified field educator, you will acquire capabilities necessary for safe, high quality and ethical practice in accordance with the AASW Practice Standards and Code of Ethics. Learnings from practical experiences are will set the foundations for your final practicum in the last semester of the degree. University integration seminars support linking theory to practice, culminating in the development of your emerging social work practice framework.

SWN013 Professional Practice 3

| | |
|----------------|--|
| Pre-requisites | SWN005 and SWN006 and SWN010 and SWN011 and SWN012 |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 (Block), SEM-2 |

This Professional Practice unit is the synthesis of your whole social work course education as you prepare to transition into your professional career. This unit makes up the final practicum experience of 500 hours, building on the experience gained in the first practicum. Demonstration of skills, knowledge, and professional attributes necessary for safe, high quality and ethical practice in accordance with the AASW Practice Standards and Code of Ethics is expected in order to graduate as critically reflective social workers. Tasks and responsibilities are completed under the guidance and direction of a social work supervisor and supported through university integration seminars, culminating in the development and articulation of your emerging social work practice framework.

SWN018 Theories and Frameworks for Social Work Practice

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

This unit focuses on providing you with knowledge about social work values, theories,

perspectives and models that underpin effective helping interventions. A wide range of practice perspectives will be explored with potential utility and limitations considered. Students will undertake an audit of their existing knowledge, skills and values and then plan their learning needs for their professional social work development path, consistent with the Social Work Code of Ethics and AASW Practice Standards.

SWN019 Research for Social Change

| | |
|----------------|-------------------------------------|
| Pre-requisites | SWN002 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SUM |

All qualified social workers need to have an appreciation of the relevance of research for practice, particularly given the emphasis on evidence-based practice in the field. Research can provide one form of evidence, alongside other sources of knowledge, to inform practice decision-making about efficacious approaches. Research also plays a role in highlighting alternative ways of addressing individual and social needs, as well as providing a foundation for advocacy and social change. This unit builds on SWN002 and prepares you for SWN020 where you will implement the research project you design in SWN019.

SWN020 Practice Research Project

| | |
|----------------|--------------------------------|
| Pre-requisites | SWN019 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit synthesises the knowledge and skills gained across your degree, in particular your learning in SWN019 Research Skills for Social Work. Research skills are a required competency for Social Workers. There is increasing expectation regarding critical analysis of evidence informing practice, hence social workers need to demonstrate the efficacy of their practice. Social workers need to not only have an understanding of relevant social research methods but also be capable of implementing these methods to produce research outcomes of significance. Within this unit you will design and implement a research project in a rigorous and ethical manner. This research project is a major scholarly endeavour and serves as a critical component of the capstone experience as it assesses the application of your 'whole of course' knowledge, skills and values and aligns with the completion of your final placement and your Professional Learning Plan.

SWN021 Professional Practice 1

| | |
|----------------|------------------------------|
| Pre-requisites | SWN018 and SWN002 and SWN004 |
| Credit Points | 36 |

Units

| | |
|----------------|--------------------------------|
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Demonstrating ability to apply values, knowledge and skills to work effectively with colleagues and clients is a key component of the social work degree. This first 500-hour practicum provides the opportunity to consolidate your learning from the first semester of the degree through working in real world practice settings. This is important because it allows you to develop your identity as an emerging critically reflective social work practitioner. Under the guidance and direction of a qualified field educator, you will acquire capabilities necessary for safe, high quality and ethical practice in accordance with the AASW Practice Standards and Code of Ethics. Learnings from practical experiences will set the foundations for your final practicum in the last semester of the degree. University integration seminars support linking theory to practice, culminating in the development and articulation of your emerging social work practice framework.

SWN022 Professional Practice 2

| | |
|----------------|--------------------------------|
| Pre-requisites | SWN021 and SWN005 and SWN024 |
| Credit Points | 36 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This Professional Practice unit is the synthesis of your whole social work course education as you prepare to transition

into your professional career. This unit makes up the final practicum experience of 500 hours, building on the experience gained in the first practicum. Demonstration of skills, knowledge, and professional attributes necessary for safe, high quality and ethical practice in accordance with the AASW Practice Standards and Code of Ethics is expected in order to graduate as critically reflective social workers. Tasks and responsibilities are completed under the guidance and direction of a social work supervisor and supported through university integration seminars, culminating in the development and articulation of your emerging social work practice framework.

SWN023 Social Work with Aboriginal and Torres Strait Islander Peoples and Communities

| | |
|----------------|--------------------------------|
| Pre-requisites | SWN002 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit provides foundational knowledge for understanding colonisation and its impacts in the Australian context, and how this relates to the ongoing challenges experienced by many Aboriginal and Torres Strait Islander peoples and communities. The unit emphasises the importance of valuing Aboriginal Australian and Torres Strait Islander ways of knowing, being, and doing, providing a platform for

collaborative work with colleagues and clients.

SWN024 Child, Youth and Family Practice

| | |
|----------------|--------------------------------|
| Pre-requisites | SWN004 and SWN018 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

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SWN025 Critical and Ethical Practice in Organisations

| | |
|-----------------|--------------------------------|
| Anti-requisites | SWN006, SWN008 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Ethical practice is central to the social justice and emancipatory social change values of the social work profession. Within globalised, neoliberal contexts, it is fundamental that you develop sound skills in critical analysis and critical reflection to carry out ethical practices in organisations. The unit has a focus on developing an understanding of ethical practice in organisations, informed by critical social theories, using a critical incident from practice experience as a platform to develop your practice framework. The emphasis is on learning critical reflection both as a method of practice and method of research to enable you to undertake critical social work in neoliberal contexts, and develop research skills to contribute to professional practice and scholarship.

USB141 Building Big

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|----------------|--|
| Equivalent s | UDB141 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Building Big builds on the construction fundamentals covered in the unit UXB110 Residential Construction and further develops these concepts and applies them to the industrial property, retail centres, high rise commercial and high rise residential property. The unit provides the construction and design background that defines good quality building materials, design, layout and construction. These concepts will provide the basis for the understanding of how construction type and quality are reflected in the market demand and value of these property types from a development, valuation and investment perspective.

USB142 Residential Valuation

| | |
|-----------------|--|
| Anti-requisites | UDB140, USB140 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

Residential Valuation is an introductory unit in the Property Economics degree and provides the foundation skills and knowledge that will be the basis for the study of future units in property areas such as

valuation, property development and property market analysis.

USB143 Money and Wealth

| | |
|-----------------|---------------------------------|
| Anti-requisites | USB241 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

Money and Wealth provides the foundation academic skills and knowledge to understand how accounting and investment interacts with the day to day valuation and property professions. This unit shows how these principles of accounting can assist in the analysis and interpretation of the financial aspects of going concern valuations and property ownership and management.

USB144 Investment Valuation

| | |
|-----------------|---------------------------------|
| Pre-requisites | USB140 or USB142 |
| Anti-requisites | USB242 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Investment Valuation is an intermediate unit in the Property Economics degree. The unit builds on the preliminary property fundamentals covered in USB142 Residential Valuation, expanding those key concepts to income producing and investment grade assets. This unit develops an understanding of the various commercial market sectors and how

various features of these markets impact on the value of a property asset. The valuation methodologies used to value investment grade assets are also applied. The knowledge of this unit will be further developed in USB245 Property Investment Analysis, USB247 Money and Property and USB345 Specialised Valuation.

USB145 Property Transactions

| | |
|-----------------|---------------------------------|
| Anti-requisites | USB246 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

Property Transactions provides the foundation knowledge to understand the fundamentals of property rights and the legal rights and responsibilities for a property professional participating in property transactions. You will develop an understanding of contracts associated with buying, selling and leasing property and how to maintain best practice to avoid exposure to legal liability. In addition you will be introduced to legal structures for the delivery of property development and investment projects.

USB240 Market Analysis

| | |
|----------------|--|
| Pre-requisites | BSB113 or UDB104 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Market Analysis builds on the knowledge and technical skills developed in the foundation property and valuation units (USB142 or USB140, and USB144 or USB242). You will apply demographic, economic and key urban economic theories and policies in the property market environment. Understanding property markets will assist in the creation of marketing and investment strategies to meet targeted consumer supply and demand. You will gain knowledge and skills on how to conduct property market research and interpret the findings from a range of research publications. The knowledge of this unit will be further developed in USB245 Property Investment Analysis, USB300 Development Process and USB344 Property Project.

USB241 Money and Wealth

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

This unit provides the opportunity for you to learn basic accounting and investment principles within the context of the property industry. You will also develop basic financial, cost and management accounting and financial management skills. This unit will support you to conduct more advanced financial and statistical calculations in later valuation and property units and is

complementary to units in market analysis and property investment analysis

USB243 Property Legislation

| | |
|----------------|--|
| Pre-requisites | USB242 |
| Equivalent s | UDB241 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

A practicing property professional and property valuer needs a good understanding of several areas of property related legislation as it applies to property transactions and property practice to be able to manage and avoid risk, identify property and valuation legal issues as they arise and identify when specialised legal counsel is necessary. This unit focuses on extending and applying the theoretical knowledge obtained in Experience Property and Urban Development Law to explore how Commonwealth and State legislation is applied to property practice and property transactions, with particular focus on statutory valuation and property acquisition and resumption. The unit covers areas of property rights, contract, agency, statutory valuation, consumer protection and dispute resolution as applicable to a practicing property professional in Queensland.

USB244 Asset Performance

| | |
|----------------|--|
| Pre-requisites | Completion of 96 credit points or more of study |
| Equivalent s | UDB344 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

Asset performance provides a good grounding in property and asset management, as it applies to the diverse real estate property sectors and to demonstrate how property asset performance can be maximised, measured and benchmarked. Efficient asset management can result in significant cost benefits to both the owner and the occupier of the property. There has been a growing property industry awareness of the need to develop reliable, accurate and professional property management systems and analysis tools to ensure that property occupation costs are minimised, and space allocations are maximised in accordance with the short, medium and long term business goals of the organisation or company.

USB245 Property Investment Analysis

| | |
|----------------|--|
| Pre-requisites | USB144 or USB242 |
| Equivalent s | UDB246 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External |

Units

- XCH-1, XCH-2

This unit aims to provide students with an understanding of the investment markets and the role of property as an investment asset class. The unit further develops the skills and techniques required for the analysis of property investment objectives, strategies, and performance. The students will explore the concepts of return and risk, the discounted cash flow (DCF) analysis, the basics of investment decision (NPV, IRR, Financial ratios), measurement of property investment performance, the impact of financing and taxation on investment returns, portfolio theory and the role of real estate in mixed asset portfolios. This unit will help students develop the understanding and skills necessary to become successful property investment analysts and/or investors.

USB246 Transaction Process

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

Property sale, acquisition and leasing transactions are a fundamental to property development, investment and valuation activities. An understanding of the elements of these transactions and the roles and responsibilities of the various stakeholders is essential to all practicing property professionals and will enable the property

professional to act responsibly to best represent their own or their client's interests and investment. The aim of the unit is to develop your understanding of property sale, acquisition and leasing transactions and the roles and responsibilities of the various stakeholders throughout the process.

USB300 Property Development

| | |
|----------------|----------------------------|
| Pre-requisites | 192 Credit Points |
| Equivalent s | UDB302 |
| Credit Points | 12 |
| Campus | External |
| Availabilities | External - XCH-2 |

USB341 Money and Property

| | |
|----------------|--|
| Pre-requisites | USB245 or UDB246 |
| Equivalent s | UDB341 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Property is a major asset class of all available investment options. Due to its distinct characteristics, debt and equity financing plays a major role in investment decisions. As such, this unit further develops students' understanding of property investment and financing techniques and the place of property assets within the capital markets. This unit covers the financing of a range of asset types including residential, income producing,

development and property funds.

USB342 Property Software

| | |
|----------------|--|
| Pre-requisites | USB245 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit introduces students to a range of industry-standard property software products. Students will gain knowledge in the operation of a variety of industry specific software for the analysis and management of a range of property types. Students will develop their competency in using these products, as well as skills in the analysis of the outcomes generated, using the property software as a decision making tool to support investment recommendations. This capability will help students to prepare their readiness to work in the industry. This unit is an advanced unit that builds upon the skills and knowledge you developed in USB245 Property Investment Analysis and it links with USB300 Property Development.

USB343 Boutique Valuations

| | |
|----------------|--------------------------------------|
| Pre-requisites | USB242 |
| Equivalent s | UDB247 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 |

External
- XCH-1, XCH-2

This is the capstone valuation unit and applies the valuation principles and procedures developed in the units USB140, Imagine Property, and USB242, Experience Property, to the more complex property classes such as rural property, special premises, retail and business based property that require a greater level of student expertise for analysis and value calculation. Assessment items will provide students with the opportunity to undertake practical valuation exercises to link this unit with the property knowledge and valuation principles developed throughout their studies.

USB344 Property Project

| | |
|----------------|---------------------------------|
| Pre-requisites | 192 Credit Points |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This is the capstone unit for the Property Economics degree and draws together the theory, practice and property fundamentals that have been covered in the units studied to date. The unit is intentionally linked to previous units and current industry issues and problems. This unit provides opportunity for professional development through conduct of research projects and prepares you for transition to the professional world and/or to an Honours degree.

UXB100 Design-thinking for the Built Environment

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

In this introductory unit, you will gain a big picture view of the strategies and interactions that influence the sustainable development of the built environment. Using design-thinking, you will consider the end user of built spaces and the social and cultural impacts of decisions at every stage of the project development and planning process. You will analyse problems and consider various innovative solutions. You will learn appropriate terminology and communication strategies to negotiate with diverse stakeholders including clients, design managers, architects, project managers, urban planners, construction managers and quantity surveyors and cost engineers. You will also learn how and when these roles intersect and how you can have a strategic impact on the project development and planning process.

UXB110 Residential Construction

| | |
|----------------|--|
| Equivalents | UDB110 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit develops your

knowledge, skills and application for residential construction management. The unit introduces current domestic construction techniques and materials that are the core of any construction process. You are taught to read plans and build a house by studying construction theory and legislation, visiting building sites, and sketching construction details. This first year unit complements UXB100 and prepares you for Integrated Construction Management and Commercial Construction Management.

UXB111 Imagine Construction Management

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

Imagine what your future construction management career will be like. This unit introduces you to the essential professional skills and practices you will need throughout your studies and professional career in construction, and provides a sense of identity as a construction management professional. Key concepts such as fundamentals of construction management, occupational health and safety, professional practice, ethics and sustainability are explored.

UXB112 Introduction to Structures

| | |
|----------------|--|
| Equivalent s | UDB111 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This is an introductory level unit that introduces structural and non structural materials used in the construction process. Most common types of construction engineering materials (timber, building boards, fibre composites, concrete, masonry, metals, ceramics, glass and granular materials) used to create modern structures are introduced and their basic properties, construction applications, behaviour, strength, durability, suitability, sustainability and limitations are discussed. The knowledge for which is vital for the construction of any building project. The unit also provides foundation to the design of structures through introduction to the statics at an elementary level. The unit develops strong foundation to the construction management disciplines and further studies on the design of structures.

UXB113 Measurement for Construction

| | |
|----------------|--------------------------------------|
| Equivalent s | UDB113 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 |

External
- XCH-1, XCH-2

This unit is predominantly concerned with the activities undertaken by construction cost management professionals in preparing Bills of Quantities (BQs) for construction work of a simple nature. It teaches you to how formally measure to BQ items for residential and small commercial building works in accordance with the Australian Standard Method of Measurement in the context of the tendering/procurement process. The unit also provides a basic appreciation of virtual building graphical models as they relate to integrated practice concepts used in industry, by way of the graphical representation and spatial relationships of digital building models, and an introduction to cost management/building area measurement. The unit is an integral part of the Quantity Surveying-Cost Engineering degree, in linking with foundation units in construction technology and preparing you for further advanced units in building and infrastructure measurement and construction estimating.

UXB114 Integrated Construction

| | |
|----------------|--|
| Equivalent s | UDB112 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This is a foundation unit integrating residential/ small commercial construction processes in a collaborative digital environment by utilizing building information modelling and related technology. The ability to use building information modelling and related technology in construction processes in a collaborative digital environment involving a project team from different disciplines is important to work in the industry. This unit prepares you for UXB211 Building Services and other units.

UXB115 Introduction to Modern Construction Business

| | |
|-----------------|---------------------------------|
| Anti-requisites | UXH314 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit introduces you to basic business principles associated with running construction contracting and consultancy firms within the construction and infrastructure sectors, integrating design management, procurement, legal, commercial, and business concepts and practices within the specific context of the built environment.

UXB120 Introduction to Heavy Engineering Sector Technology

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

This unit introduces resource

a university for the real world 

sector technology associated with on and off Shore Oil and Gas (LNG), open cut and underground mining and power generation and distribution infrastructure including processing plants/plant design and infrastructure systems. Students will also develop introductory knowledge of safety and risk management within these sectors and develop an appreciation of mineral economics. It links to the work being undertaken in units Imagine Quantity Surveying and Cost Engineering.

UXB121 Imagine Quantity Surveying and Cost Engineering

| | |
|----------------|---------------------------------|
| Equivalent s | UDB216 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit introduces the broad scope of contemporary quantity surveying activity and cost engineering. It focuses on three broad areas of professional quantity surveying and cost engineering and in doing so, considers the similarities and differences across Quantity Surveying and Cost Engineering. Firstly, what it means to be a professional is considered including image and status, fees, codes of ethics, professional competence and continuing professional development. Secondly, ways in which professionals engage with a workplace including terms of appointment are explored.

Finally, the work of quantity surveying and cost engineering takes place within a social and environmental context and the unit will relate interactions between business and environmental interests including the natural environment, environment economics and ecologically sustainable development.

UXB130 History of the Built Environment

| | |
|----------------|--|
| Equivalent s | UDB162 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

During this unit you will examine the interactions of forces and events that act to produce elements of the built environment, and actively explore the role played by the built environment in shaping human history through the use of historical examples from around the world. The development of your professional understanding of our built environment is based in an appreciation of the role that you will play as part of the ongoing historical processes that shape human settlement patterns. In particular it is important to actively explore the social and environmental forces involved in the evolution of the many ways that the built environment expresses itself both across time and in different locations. The aim of this unit is to explore the role played by culture, technology,

and the environment in the historical development of cities and regions.

UXB131 Planning and Design Practice

| | |
|-----------------|---------------------------------|
| Anti-requisites | DEB101 |
| Equivalent s | UDB161 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit, generally taken by first year students in QUT's Planning course, will introduce you to planning and design in urban and regional planning. You will learn about basic theories and practices of planning and design, planning policy and the planning profession. This unit involves both individual and group work and you will also develop project management, research and communications skills necessary for professional practice. This is the first of several planning and design studio subjects for the Bachelor of Urban Development (Urban and Regional Planning) course over four years. The unit draws on real world urban planning examples to develop spatial analysis and visual communication skills which are key to conducting planning analysis and making recommendations. The aim of this unit is to introduce you to planning and design principles, techniques for analysing places and important tools for planning communication.

UXB132 Urban Analysis

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

The unit provides opportunities for you to acquire, refine and apply quantitative, qualitative and spatial skills required for analyses of cities and regions.

UXB133 Urban Studies

| | |
|----------------|--|
| Equivalent s | UDB164 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit introduces you to the various demographic, economic, social and physical aspects of our cities to help understand the nature of cities we live in. You will be exposed to various theoretical perspectives focusing on the growth and development of cities and their regions, with an emphasis on their spatial structure and the spatial distribution of population, land uses and economic activities within them. You will develop your knowledge and skills in understanding the growth and development of cities, using real-world examples.

UXB134 Land Use Planning

| | |
|----------------|---------------------------------|
| Equivalent s | UDB163 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This is a foundation unit that provides opportunities for acquiring, refining and applying knowledge of and skills in land use planning and geographic information system in an integrated way. The unit introduces spatial analysis techniques required to undertake contemporary real-world urban analyses required for land use planning. Gaining skills to confidently apply spatial analysis techniques in land use planning is critical for an urban planning practitioner whether working in public or private sector. The unit also helps in gaining knowledge and skills in analysing substantive theoretical and practical concepts involved in land use planning, evaluating data and applying regulatory frameworks to inform land use decision-making, communicating land use planning concepts both visually and in writing, and proposing solutions to complex land use problems.

UXB135 Negotiation and Conflict Resolution

| | |
|----------------|---|
| Equivalent s | UDB369, UXB232 |
| Credit Points | 12 |
| Campus | Gardens Point and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-2 |

Conflict, whether explicit or hidden, underlies all decisions, such that development of conflict management and negotiation skills is essential for those tasked with shaping the built environment. In this unit, you will acquire skills in

effective communication, analysis of disputes and creative problem-solving through active participation in role-playing and reflective activities and intense investigation of real world conflicts that arise through the development of land. Learning to think about and respond to conflict in a rational manner will prepare you for group work within your studies and into professional practice. This unit is placed within the first year of the urban and regional planning course to ensure that students build negotiation and conflict resolution skills in advance of engaging in work placements. Stakeholder Engagement and Planning Law units undertaken in the second year of the course build on this unit.

UXB210 Commercial Construction

| | |
|----------------|--|
| Pre-requisites | UXB110 or UDB110 |
| Equivalent s | UDB210 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

The aim of this unit is to provide you with extensive theoretical knowledge to manage and supervise the construction of a cross section construction types such as low rise residential apartment buildings and commercial and industrial buildings. Incorporated within the unit is a sound understanding of how a

building achieves structural stability and equilibrium through its load paths through basic study and analysis of engineering components and systems. It links and builds on the earlier studies undertaken in your first year including residential and integrated construction; building services and prepares you for further advanced units in designing structures and highrise construction management.

UXB211 Building Services

| | |
|----------------|--|
| Equivalent s | UDB215 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit develops your knowledge, skills and application for Building services focussing on fire, hydraulics, mechanical and electrical services. It links to basic work and understanding previously undertaken in your first year of study and prepares you for further advanced units in Commercial and High-rise Construction Management and Services and Heavy Engineering Measurement.

UXB212 Design for Structures

| | |
|----------------|--------------------------------------|
| Pre-requisites | UXB112 or UDB111 |
| Equivalent s | UDB211 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 |

External
- XCH-1, XCH-2

This is an intermediate level unit addressing the basic principles of structural engineering applicable to basic structure. Quantitative and qualitative techniques are used as the basis for learning structural analysis. Construction Managers must have the ability to analyse engineering components and have a sound understanding of how a structure achieves structural stability through load paths. Furthermore, Construction Managers are required to interpret engineering designs and convert the designer's intent and components specified, into a project. This demands proper understanding of structural actions and basic design and analysis of simple structures to ensure economy and safety. This unit introduces these concepts and builds upon knowledge of materials from UXB112 Introduction to Structures. It develops the learning skills to manage increasingly complex projects in later units.

UXB213 Advanced Measurement for Construction

| | |
|----------------|--|
| Pre-requisites | UXB113 or UDB113 |
| Equivalent s | UDB212 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

Measurement is a core skill

and attribute among building and infrastructure professionals. This attribute is particularly important in relation to the production of descriptive and quantified documents within the design cost management process for the purposes of tendering, estimating and construction cost management practices within the construction and infrastructure sectors. This unit develops a deeper appreciation of the measurement of more complex work sections and trades focused on more complicated structural trades and the development and application of suitable and accurate construction cost management documents in a concise and systematic manner. With the introduction to Measurement software applications you will develop strategies and abilities in dealing with more advanced virtual building graphical models as they relate to integrated practice concepts used in industry. This unit occurs in the second year of your course as it builds on the measurement attributes developed in the first year and assists you with further advanced units in Services & Heavy Engineering Measurement, construction estimating and other Cost management areas.

UXB220 Services and Heavy Engineering Measurement

| | |
|----------------|------------------|
| Pre-requisites | UXB213 or UDB212 |
| Equivalent s | UDB315 |
| Credit | 12 |



Units

| | |
|----------------|---------------------------------|
| Points | |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit develops deeper knowledge, skills and application of the measurement of more complex areas of services and heavy engineering including building services (hydraulics, drainage, mechanical and electrical) and heavy engineering works within the resources and infrastructure sectors. It builds on units previously undertaken in the earlier years of the course such as the Measurement of Construction, Heavy Engineering Sector Technology and Building services.

UXB230 Site Planning

| | |
|----------------|---------------------------------|
| Pre-requisites | UXB131 or DEB101 or UDB161 |
| Equivalent s | UDB265 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

During this unit you will learn, practice, and apply site planning processes, techniques and skills on a selected project site. You will gain practical experience in information retrieval, site appraisal and analysis techniques, interpretation of planning regulations, and the development of site appropriate land use concepts. Your professional development within the built environment involves learning how to apply planning principles at a variety of scales. In this unit, you will

learn to appraise and analyse site conditions in order to articulate development recommendations that reflect stated planning intents for an area. Upon successful completion of this unit, you will have learned processes, techniques and skills that will prepare you to take part in many aspects of professional planning practice. Through this unit you will investigate and gain experience in the application site appraisal and analysis techniques through a series of workshops and practically based projects.

UXB231 Stakeholder Engagement

| | |
|----------------|--|
| Pre-requisites | (UXB133 or UXB134 or UDB163 or ENB274 or EGB274) and 96 credit points of study completed |
| Equivalent s | UDB266 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

You will learn about theory, principles and methods for effective stakeholder engagement in planning processes. You will gain important practical experience in stakeholder engagement. This will help you to evaluate when and how to use different engagement methods to address planning conflicts and identify opportunities for incorporating diverse engagement strategies into plan making processes.

UXB233 Planning Law

| | |
|----------------|---------------------------------|
| Equivalent s | UDB267 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

You will be provided with the opportunity to develop an understanding of the basic political, policy, and legislation essential for planning professionals, whether they work in the public or the private sector, and the capacity to apply this understanding to basic development assessment related problems. Your capacity to understand the law as it relates to the regulation of development and the planning of infrastructure is integral to being a built environment professional. Your grounding in the legal framework surrounding planning and development is an important aspect of professional development, particularly with respect to employment that requires skills related to development assessment, and urban policy development.

UXB234 Transport Planning

| | |
|----------------|---|
| Pre-requisites | Completion of 96 credit points of study |
| Equivalent s | UXB332 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit introduces you to transport systems in selected cities around the world. This involves investigation into the schemes and policies

implemented in these cities for promoting sustainable transport including walking, cycling and public transport. The unit also assists you to integrate transport modelling theory with a set of analytical approaches which are frequently used in transport planning practice. These include aggregate and disaggregate models, analysis of travel behaviour, theory of choice models, four stage transport model, parameter estimation, and model calibration. Particular emphasis is on transport surveys for collecting revealed and stated preference data, which have been prominent in travel behaviour research. Designing such surveys and analysing the data they generate form an important part of this unit.

UXB301 Professional Practice

| | |
|----------------|--|
| Pre-requisites | Completion of 96cp in current course |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

Built environment professionals need technical and generic skills, as well as real world knowledge, to thrive in contemporary professional workplaces. Most of your Urban Development or Property Economics course focuses on the development of your technical skills and understanding of the built environment. This unit, generally undertaken in your third year of study, requires you to undertake a self-sourced 30-day work

placement or engage in ongoing professional work experience to consolidate your course-based learning. In tandem with or following such experience, students enrol in this unit to refine their reflective and communicative skills, formulating effective statements of their experience suitable for inclusion in job applications. Assessments in this unit require you to critically analyse, report and reflect upon your professional practice experience, considering issues and governance in your chosen field and determining a professional development plan to help guide your career.

UXB330 Urban Design

| | |
|----------------|--|
| Pre-requisites | 192cp of completed study |
| Equivalent s | UDB368 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

In this unit you will study the dimensions of urban design and learn techniques in urban design and public space analysis to produce informed urban design strategies that respond to the social, economic, environmental and political context of contemporary Australian cities. Urban designers work with a variety of public and private stakeholders and confront a range of issues that impact urban development outcomes. An understanding of the influences on urban

design decisions is necessary to prepare you to work in this context.

UXH300 Research Methods for the Future Built Environment

| | |
|----------------|--|
| Pre-requisites | Completion of 192 credit points of study |
| Equivalent s | UDB301 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

With the built environment professions needing to stand up to new and different challenges triggered by rapidly changing socio-economic, environmental, cultural, political, and technological/digital trends, how can innovation and creativity serve to address these challenges? In order to answer questions and solve problems related to the future of the built environment, this unit will provide you with an overview of research theory, philosophy, methodology and future-oriented applications. You will have the opportunity to apply the critical and innovative thinking skills that you have developed in your degree to your own research questions. You will further consolidate and carry forward this approach to your capstone project. The aim of this unit is to guide you in the creative, holistic mindset that underlies successful innovation in scholarship and to explore how critical and innovative thinking can improve the research process to make us more innovative problem

solvers. Looking to an uncertain and ever-changing future, you will need a deep understanding of theory, methodology, and analytical and digital techniques and applications to understand and conduct your research in an interdisciplinary context.

UXH310 High-rise Construction

| | |
|----------------|---------------------------------|
| Pre-requisites | UXB210 or UDB210 |
| Equivalent s | UDB310 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

You will be taught how to construct a high rise structure from the basement to the roof. The unit has a focus on protection of the public during construction, and temporary support, and also covers issues around: demolition; temporary services; deep excavation and foundations; retention and shoring systems; general engineering of structural components; multilevel formwork; interaction of building components, systems and services; common building faults and failures and rectification; alternative forms of external cladding; waterproofing problems; and general cost planning relevant for high rise construction. It builds upon principles and theory learnt in Commercial Construction, Designing Structures, and Building Services.

UXH311 Contract Administration

| | |
|----------------|---|
| Pre-requisites | LWS012 or UDB102 or EN40MJR-CVCOENG or EN01SMJ-CONSTRU or EN01SMJ-STRUENG |
| Equivalent s | UDB312 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit develops your skills and application for the administration of construction contracts which represents one of the core applications for construction managers, quantity surveyors and cost engineers. In order to appreciate some of the commercial implications of contract administration you will study administrative implications for both parties to the contract. It links to the work previously undertaken in the earlier years of the course such as Introduction to Law and Commercial Construction Management and prepares you for the final semester projects.

UXH312 Construction Legislation

| | |
|----------------|---|
| Pre-requisites | (LWS012 or USB145) and (UXB210 or USB141) |
| Equivalent s | UDB314, UXB312 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit introduces the Australian statutory requirements, building laws and legal frameworks that

regulate building works and construction activities to provide a broad understanding of how the mandatory technical requirements dictate the selection of the materials, construction elements, facilities and services in buildings. It articulates the potential risks and issues associated with non-conformance and non-compliance and their impact on project cost, time, and quality. The ability to identify, assess and resolve issues of non-compliance in relation to the application of National Construction Code (NCC), relevant building act, Australian Standards and associated legislative frameworks is critically important to achieve the minimum necessary performance requirements of buildings in relation to health, safety, amenity and sustainability. The knowledge and skills developed in this unit are relevant to building professional practice in all areas of the built environment.

UXH314 Modern Construction Business

| | |
|----------------|---------------------------------|
| Pre-requisites | BSB113 or UDB104 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit explores the role of construction firms as business entities in the construction industry. It introduces the business, social and economic environments in which construction firms operate, and the industry-specific challenges of starting up and growing a

socially responsible, forward thinking and profitable construction business. The ability to develop a business plan to competently guide business direction and growth is a core skill needed to navigate the dynamic and competitive nature of construction business. Key elements of the business plan include a competent analysis of the market, identifying and engaging key stakeholders, mitigating business risks and opportunities, and building a caring and inclusive corporate culture. This unit provides a strategic focus on the processes of operating and growing a construction business leading into your final year in Constuction Management studies.

UXH315 Construction Estimating

| | |
|-----------------|---------------------------------|
| Pre-requisites | UXB113 or UDB113 |
| Anti-requisites | UDB213, UXB214 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

A third year construction management unit focusing on construction cost quantification techniques linking to previous years' basic work and understanding. It includes an introduction to the interrelationship between professions in estimating and the techniques available to quantify cost; definition of the fundamental elements of cost and the methods of evaluating labour, materials, and

equipment; assessing base estimates for major trades; assessment of offers from sub-contractors and implications for the tendering process; first principles estimating; review of an estimate; subsequent negotiations and application of estimating to variations and profit monitoring; outcome performance indicators; and introduction to current industry practice, tools, and technology.

UXH321 Cost Planning and Controls

| | |
|----------------|---------------------------------|
| Pre-requisites | UXB114 or UDB112 |
| Equivalent s | UDB316 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-2 |

This unit applies the fundamental principles of cost management including design and construction cost planning (pre-construction) and project controls (during construction), including important techniques in managing project cost in the context of working closely in multidisciplinary teams. It covers cost management in both building and non-building sectors (for example, civil engineering and resource sectors).

UXH331 Environmental Planning

| | |
|----------------|--|
| Pre-requisites | (UXB230 or UDB265) or (ENB274 or EGB274 or DLB600 or DAB525) |
| Equivalent s | UDB370 |
| Credit Points | 12 |
| Campus | Gardens Point, |

| | |
|----------------|--|
| | EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit increases your understanding of environmental analysis and planning issues, policies, and methods, aiming to prepare you for incorporation of environmental objectives and constraints in professional practice. In this unit you will engage in dialogues on contemporary environmental dilemmas, exploring ethical and practical aspects which underpin conflict. You will further refine skills acquired in site analysis units by learning to create and modify spatial models to facilitate collaborative problem-solving. These skills will aid in preparations for final year planning studio units as well as professional practice.

UXH400 Project - Part A

| | |
|----------------|---|
| Pre-requisites | 288 cp of completed study and UXH300. UXH300 can be studied in the same teaching period as UXH400-1 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

Project 1 - Part A and Project 1 - Part B are the capstone research project units for the Bachelor of Urban Development (Honours) degree that draw together the theory, practice and the urban development fundamental discipline knowledge that have been covered in the coursework studied in the

previous six semesters of the program. In this unit (Part A), you will identify a research/ industry related issue or problem and prepare a comprehensive, independent research/ project proposal. In UXH400-2 (Part B) you will complete your proposed research/ project. The purpose of these units is to prepare you for your transition to the professional world and for further research study.

UXH400 Project - Part B

| | |
|----------------|--|
| Pre-requisites | UXH400-1 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1, SEM-2 |

Project 1 - Part A and Project 1 Part B are the capstone research units for the Bachelor of Urban Development (Honours) degree that draw together the theory, practice and the urban development fundamental discipline knowledge that have been covered in the coursework studied in the previous six semesters of the program. Students are required to identify a research related issue or problem and apply their learning to carry out a comprehensive, independent research based project or study which is designed to extend and broaden their understanding of the chosen issue. The purpose of these units is to prepare students for their transition to the professional world. You will be expected to demonstrate leadership/initiative, ethical and

professional behaviour in this unit.

UXH410 Strategic Construction Management

| | |
|----------------|--|
| Pre-requisites | UXH310 or UDB310 or Admission to EN55 |
| Equivalent s | UDB410 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilities | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This fourth year unit in the Quantity Surveying and Cost Engineering course builds on the basic knowledge, skills and understanding already gained in UXB120 and UXH321. The unit is set within the real world scenario of the Heavy Engineering/ Capital intensive/Resources sectors, and relates to facilities management and procurement within the Engineering and Construction Management cost controls (capital expenditure/project controls) and procurement areas. It links to work previously undertaken in Introduction to Heavy Engineering Sector Technology, Cost Planning & Controls and Contract Administration and provides opportunities to undertake further research within the final year capstone projects. The learning in this unit is provided by study and practice using real world case-studies and tools and techniques, some within a computer-based setting, that simulate the challenges, problems, issues and solutions that students will face in the

QS & CE practice in the workplace.

UXH411 Programming and Scheduling

| | |
|----------------|--|
| Pre-requisites | (UXB210 or UDB211) and (UXB213 or UDB212) or Admission to EN55 |
| Equivalent s | UDB313 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit develops your knowledge, skills and resource planning techniques in the process of time management. Controlling time and resources is an essential task in construction project management. This unit provides students an understanding in time management and real world practical skill sets in preparing project programs. This unit occurs in the final year of your course as it consolidates skills you have developed in the area of construction and project management.

UXH420 Risk Management in the Energy and Resources Sectors

| | |
|----------------|---------------------------------|
| Pre-requisites | (UXB120 and UXH321) or UDB316 |
| Credit Points | 12 |
| Campus | Gardens Point |
| Availabilities | Gardens Point - SEM-1 |

This unit develops your knowledge, skills and application within the Heavy Engineering/ Capital intensive/Resources sectors relating to facilities

management and procurement within the Engineering, Procurement, and Construction Management (EPCM) cost controls (capital expenditure/project controls) area building on earlier links to units like Cost Planning & Controls. Planning and scheduling will be studied developing an appreciation and linkage between current Integrated project delivery methods and programming software within the context of productivity logistics and safety and risk management. The unit will also analyse mega projects and social impacts within a case study context. It links to work previously undertaken in Introduction to Heavy Engineering Sector Technology, Cost Planning & Controls and Contract Administration and provides opportunities to undertake further research within the final year capstone projects.

UXH430 Planning Theory and Ethics

| | |
|----------------|--|
| Pre-requisites | 192 Credit Points of completed study |
| Equivalent s | UDB473 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilit es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit will introduce you to ethical and planning theory. Classical theories in ethics provide an essential foundation to planning practice. Planning theory offers an insight into different justifications of how

and why we work as planners. The application of theory to practice defines the essence of planning. An exploration of planning theory provides important insights into the justification for planning and enables you to respond to critiques from other disciplines or project protagonists. Theory provides you with an opportunity for reflection and self-evaluation and a justification for entering the profession. By helping you to understand the forces shaping the profession, theory adds depth to your practice and better enables you to contribute fully to the advancement of the profession.

UXH431 Urban Planning Practice

| | |
|----------------|--|
| Pre-requisites | UXB231 or UDB266 |
| Equivalent s | UDB471 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilit es | Gardens Point - SEM-1 External - XCH-1, XCH-2 |

This unit is designed to develop and apply analysis, synthesis, problem-solving, and policy formulation skills to strategically plan the development of a local government area or a neighbourhood. Contemporary planning techniques are introduced during the lectures, where these techniques are then applied during tutorials on the real-world projects. As an urban planner you will be required to collaborate within

project teams to find and implement solutions to complex contemporary urban planning issues. This studio develops the necessary skills for you to complete these tasks through applied urban analysis, synthesis, problem-solving, and policy formulation to strategically plan the development of a distinct geographic area.

UXH432 Community Planning

| | |
|----------------|--|
| Pre-requisites | (UXB231 or UDB266) and 192cp of completed study |
| Equivalent s | UDB472 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabilit es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

This unit provides opportunities for acquiring, refining and applying knowledge of and skills in community planning. The unit introduces planning techniques and urban theory applicable to communities that define successful community planning initiatives. Gaining skills to confidently apply community planning techniques in urban planning is critical for a planning practitioner whether working in public or private sector. This unit discusses principles of community planning, the relationships of community planning to community development, issues of power and participation in the planning processes, and the linkages and tensions between local and professional

knowledge in planning and policymaking. The unit also helps in gaining knowledge and skills in understanding key community planning theories and concepts, and in applying methods and analysis to identify and respond to complex community issues.

UXH433 Regional Planning

| | |
|-----------------|--|
| Pre-requisites | 192 Credit Points of completed study |
| Equivalent s | UDB475 |
| Credit Points | 12 |
| Campus | Gardens Point, EXCHANGE and External |
| Availabiliti es | Gardens Point - SEM-2 External - XCH-1, XCH-2 |

You will learn to focus and apply material from a wide range of disciplines and locations to understand and develop current regional and metropolitan policy and apply the knowledge of policy formulation and skills of analysis and synthesis to real world problem-solving at a scale which is larger than a single local government.

XNB148 Foundations in Nutrition Practice

| | |
|-----------------|--------------------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-1 |

This is an introductory unit to orient you to a career in Nutrition and Dietetics and support the development of your professional identity, employability skills, competence and attributes

required for evidenced based practice. Foundational skills including academic literacies, statistics, communication and cultural competence will be covered in this unit to support your success in advanced units in your course and as a health professional.

XNB149 Nutrition Communication

| | |
|-----------------|--------------------------------|
| Pre-requisites | XNB151 and XNB148 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-2 |

One of the core competencies for nutritionists and dietitians is to be able to translate and communicate complex, scientific concepts into practical everyday advice for a variety of audiences. This requires an understanding of learning and health behaviour change theory as well as the various channels for communication. This unit will develop your understanding and skills in communicating evidence-based nutrition information to a variety of audiences taking into consideration literacy, learning styles and other contextual factors. The aim of this unit is to develop your communication skills and basic theoretical perspectives to design and evaluate effective nutrition communication strategies for individuals, groups and populations. For dietetic students, counselling skills will be further developed in the third year of your program.

XNB150 Food Citizenship

| | |
|-----------------|--------------------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-2 |

This unit is an introductory unit that explores food as part of global, community and personal systems and will facilitate your development of food literacy. You will explore the complexities and fragility of food systems, and the social responsibilities of equitable access for all, to be an effective global citizen, communicator, advocate and leader for positive change for individuals, groups, communities and populations both now and in the future. For those working in the nutrition sciences it provides a basis on which to build your understanding of food systems and your role in shaping access to these systems. The concepts in this unit will form the basis of a systems approach that will continue to be built throughout your degree. For other professionals and individuals it will enable you to develop a deeper understanding of the food you eat, where it is from and how you can influence food supply and distribution as an informed citizen.

XNB151 Food and Nutrition

| | |
|-----------------|---------------------------------------|
| Equivalent s | PUB201 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-1, SEM-2 |

Nutrition forms the focus of many health initiatives. Reducing the burden of poor nutrition has the potential to produce major change in the health status of Australians. This introductory unit provides you with foundation skills and knowledge of food and nutrition systems, food constituents, energy balance, changing nutritional requirements throughout the life course, and the application of dietary assessment methodologies and food selection guides to maintain and improve health at the individual and population level. In this unit you will develop your skills to critique common food fads and myths in nutrition, as well as introductory skills in reflection and foundations for inter-professional practice. The skills in searching and appraising scientific literature, which are introduced in this unit, are critical to establishing your academic writing and research literacy skills to the expected tertiary level.

XNB173 Foundational Practice in Exercise Science

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

As a practising exercise or sport scientist or an exercise physiologist, it is essential to understand professional identity, how your own profession fits with other professions and how evidence systematically informs practice. This unit introduces you to the profession, other health and

sporting professions, potential career pathways, skill competencies relevant to practice and how research informs evidence based practice within the profession. The unit focuses on professional identity, self identity, interprofessional awareness, communication skills, professional skills, reflective skills and research skills. The second and third year units will build on these foundation skills towards a final semester capstone unit.

XNB174 Principles of Coaching and Instructional Practice

| | |
|-----------------|---|
| Anti-requisites | XNB295 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This first year unit aims to develop your knowledge and skills for teaching physical activities and coaching sports. The unit focuses on how to design tasks and spaces and organise groups or individuals for learning events. Additionally, you will learn about the key principles needed to communicate effectively and to help those who struggle to find solutions to movement and exercise challenges. Key disciplinary features will be pedagogical and learning science, organisational systems and feedback systems, understood through the social justice principle of equity.

XNB175 Exercise Psychology

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

This first year unit unit introduces you to the important role psychology plays in understanding people's engagement in and attitude towards exercise. As a foundational unit, it focuses on key concepts and models in the exercise psychology field. Upon completion, you will have a greater understanding of why people do and do not engage in regular exercise, the psychological consequences of such behaviours, how people might be motivated to change their exercise habits and how to assist clients develop resilience towards exercise participation.

XNB176 Physical Activity and Health

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

As the prevalence of many chronic diseases is increasing in Australia, prevention of these diseases is a major health priority of Australian state and territory governments. This unit promotes understanding, measurement and promotion of physical activity for improved health outcomes, with a focus on individual, community and population level health determinants. Awareness of

health status, factors influencing health and their impact, is an essential foundation for future work of health professionals. This important prospective work will provide the rationale and knowledge for the importance of maintaining and promoting a physically active lifestyle.

XNB177 Sport and Exercise Across the Lifespan

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

This introductory unit which focuses on the impact of development and aging on exercise and sport participation across the lifespan, beginning with childhood and continuing with each major life stage through to old age. You will explore the factors influencing growth, development of fundamental motor development, influence of growth and development on exercise participation, the contribution of exercise to health, bone health, body composition and the importance of exercise for healthy aging.

XNB188 Skill Acquisition for Teachers

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

It is important for movement educators to fully grasp the ramifications of their learning designs in health, physical

education and school sports settings. To do this a comprehensive understanding of contemporary motor learning theory and practice is crucial. The disciplinary content that underpins this unit is central to quality practice in the teaching and coaching of movement skills. The knowledge gained will support the design not only of lessons but also extra-curriculum sessions to develop skilled performance. The aim of the unit is to provide you with fundamental knowledge required to assess, design and deliver programmes to children to improve skilled performance.

XNB199 Sport and Exercise Science for Teachers 2

| | |
|-----------------|--------------------------------|
| Pre-requisites | XNB198 |
| Anti-requisites | LSB142 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Teachers of Health and Physical Education need skills in understanding the scientific basis of movement and exercise in order to educate students. This unit provides you opportunities to analyse and evaluate human movement and develop an understanding of the neuromuscular responses to exercise in children and youth. This will be done in an integrated way by using the practical elements in the physical activity workshops and labs so that your understanding of exercise science develops in the 'round' and not via isolated

sub-disciplines. Contemporary problem solving in movement and exercise characteristically uses a multi-disciplinary approach. This unit will emulate that approach and will build on and connect with units studied to this point in the program.

XNB250 Food Chemistry and Technology

| | |
|----------------|---|
| Pre-requisites | XNB151 and XNB150 and CZB190 (this unit is available ONLY in courses where listed as a core unit) |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

Application by nutrition professionals of practical aspects of food and food preparation is required to effectively prevent or treat nutrition problems and to teach or use food skills in multiple professional settings. Understanding the reasons why changes occur during processing, allows nutrition professionals to make changes which enhance the sensory experience and nutritive value of food, within different environments such as the domestic kitchen, commercial (including health) or research settings. The purpose of making changes can be for health, culinary education, new food product development or refining a meal or menu. Food and nutrition professionals also need awareness of food safety principles and legislation to ensure that food remains safe

for consumption following preparation and storage across all settings.

XNB251 Nutrition Science

| | |
|-----------------|---|
| Pre-requisites | (LSB308 or LQB381) and (XNB151 or PUB201) |
| Co-requisites | LQB481 |
| Equivalent s | PUB405 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabiliti es | Kelvin Grove - SEM-2 |

Nutrition Science investigates the biochemistry and physiology of macro and micronutrients and their manipulation in the prevention and management of nutrition problems in individuals, groups and populations. It integrates nutrition knowledge with the science of biochemistry and physiology, and provides the foundation on which further studies of nutrition and dietetics can be built.

XNB252 Food and Nutrition Across the Lifecycle

| | |
|-----------------|--|
| Pre-requisites | (XNB148 and (XNB150 or CWB103) and XNB151 and XNB250 and XNB255) or CSB441 |
| Equivalent s | PUB648 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabiliti es | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit fits within the suite of units designed to give an overall coverage of basic and complex nutrition principles for all age groups and introduces

nutrition related chronic disease. It focuses on food intake and promotion of diet-related health across the lifecycle in more depth than previously covered in first year and underpins primary and secondary prevention of chronic disease for individuals, groups and populations. The unit focuses on nutrition requirements and practical food based advice each lifecycle stage beginning with pre-conception and continuing with each major life stage through to old age. It takes into consideration universal nutrition recommendations as well as selected and indicated social and cultural populations and settings, such as schools; and food patterns such as vegetarianism. It introduces population health approaches which will be further explored in XNH350 Community and Public Health Nutrition.

XNB271 Motor Control

| | |
|-----------------|---|
| Pre-requisites | LSB131 or LSB231 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabiliti es | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit explores the theories and concepts in motor control and learning, specifically how we control actions in everyday and skilled behaviours, and how this capability is acquired. It also teaches you to select and assess motor skill performance.

XNB272 Biomechanics

| | |
|-----------------|---|
| Pre-requisites | LSB131 |
| Equivalent s | HMB272 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabiliti es | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit is designed to develop a basic understanding of the ways in which human movement is analysed from a biomechanical perspective, and to develop the skills necessary to complete simple analyses of human motion. Knowledge of basic biomechanical concepts is essential for all health related professionals. The aim of this unit is to understand the biomechanical principles of human movement, measure and analysis human movement and apply the biomechanical principles to optimising human movement.

XNB273 Exercise Physiology

| | |
|-----------------|--|
| Pre-requisites | LSB231 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabiliti es | Kelvin Grove - SEM-1, SUM External - XCH-1, XCH-2 |

This unit examines the physiological responses, mechanisms, and adaptations to acute and chronic exercise. Building upon the work previously completed in LSB231 Physiology, the unit will focus on the metabolic

cardiovascular, pulmonary, and neuromuscular system requirements of exercise at varying intensities, durations, and types. Practical skills will be developed to monitor and assess the physiological perturbations associated with exercise that may have implications for both physical performance and health-related fitness. The knowledge and skills gained provide the basis for advanced application and competencies as the course progresses.

XNB274 Functional Anatomy

| | |
|----------------|--|
| Pre-requisites | LSB131 |
| Equivalent s | HMB274 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SUM External - XCH-1, XCH-2 |

Functional Anatomy builds on the structural knowledge provided in anatomy (LSB131) to develop an understanding of the functional significance of anatomy to driving human movement. You will perform movement analysis to understand the muscles, joints complexes and actions involved in controlling human movement.

XNB277 Exercise and Sports Nutrition

| | |
|----------------|--------------------------------------|
| Pre-requisites | XNB172 or HMB172 or XNB151 or PUB201 |
| Equivalent s | HMB277 |
| Credit Points | 12 |

| | |
|----------------|---|
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit builds on the nutrition unit in first year (XNB151) and applies the nutritional principles to the sport and exercise setting.

XNB278 Skill Acquisition

| | |
|----------------|--------------------------------|
| Pre-requisites | XNB174 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit has a focus on skill acquisition in sport and exercise settings. It is important for movement practitioners to fully grasp the ramifications of their learning designs in physical activity settings. To do this a comprehensive understanding of contemporary motor learning theory and practice is crucial. The disciplinary content that underpins this unit is central to quality practice in the clinical, teaching, coaching and learning spaces associated with human movement. The aim of the unit is to provide you with fundamental knowledge required to assess, design and deliver programmes to improve skilled performance or to reduce the risk of injury. You will also develop an ability to critically analyse practice environments and make recommendations to improve them.

XNB280 Exercise Conditioning

| | |
|----------------|--------------------------------|
| Pre-requisites | XNB273 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

The prescription and programming of exercise are essential competencies of any exercise and sport scientists. This unit focuses on exercise programming and delivery to improve aerobic and anaerobic capacity in general populations through to athletic populations, and complements the resistance training unit which focuses on improving strength.

XNB282 Resistance Training

| | |
|----------------|---|
| Pre-requisites | XNB274 or HMB274 |
| Equivalent s | HMB282 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit will develop theoretical understanding and practical skills in strength and conditioning for general fitness. A combination of theoretical knowledge and practical skills is required to enable the safe and effective prescription of appropriate exercise. This unit is designed to introduce you to theoretical concepts, apply them to practical situations and develop basic skills and competencies for implementation and prescription of strength and conditioning for general fitness.

You will build on prior knowledge of functional anatomy and physiology to develop understanding of the acute physiological stresses and chronic adaptations to resistance training.

XNB296 Physical Activity Learning Design

| | |
|-----------------|--------------------------------|
| Anti-requisites | XNB294 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This practically based unit further develops your knowledge, understanding and skills associated with physical activity learning design and delivery introduced in XNB174 and XNB278. This is achieved through the integrated application of key principles of contemporary theories of skill acquisition, educational psychology and human intrinsic motivation to physical activity learning environments, which you experience as a learner in practical classes.

XNB299 Curriculum, Pedagogy and Assessment 1: Health and Physical Education

| | |
|----------------|--------------------------------|
| Pre-requisites | EUB107 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Teachers of Health and Physical Education need a range of understandings and skills to be effective practitioners. This unit provides you with the opportunity to

develop a range of understandings and competencies for interpreting and managing the Health and Physical Education environment for teaching and learning. It assists you in developing competencies needed for developing learning experiences, conceptualising lesson plans and making informed pedagogical decisions. It promotes the development of confidence and competence in class management skills, and facilitating the use of post-lesson reflection and evaluation. The personal exploration offered in the unit provides you with the opportunity to clarify your own thinking regarding the motives and role of Health and Physical Education as a medium for learning. The unit is an important component of your preparation for the first professional experience.

XNB351 Medical Nutrition Therapy 1

| | |
|----------------|---|
| Pre-requisites | (XNB251 or PUB405) and (XNB252 or PUB648) and LQB481 and LQB488 |
| Equivalent s | PUB541, PUB641 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit develops your knowledge and skills in the application of the nutrition care process to the nutritional management of disease. The unit focuses on the application of critical thinking in the nutritional management of

individual clients including assessment, diagnosis, practical food-based advice and evaluation. This unit is only for students undertaking studies in dietetics.

XNB353 Dietetic Communication, Counselling and Practice

| | |
|----------------|---|
| Pre-requisites | (XNB351 or PUB641) and completion of 240cp including all core units |
| Co-requisites | XNH354 |
| Equivalent s | PUB645 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit is an essential part of the preparation for professional dietetic practice and is designed to enable you to develop your communication, counselling and practice skills in order to underpin client-centred dietetic consultations and interventions as well as professional interactions you may have across all domains of practice. The development of communication skills will assist with effective communication with clients, stakeholders, and other professionals. Counselling and negotiation skills will enable you to develop rapport with clients and stakeholders and negotiate client centred care underpinned by the latest evidence. The opportunity to experience some practice based activity will assist you in familiarising yourself with the nature and operation of clinical and healthcare settings which may include hospitals and

nursing homes, private practice, foodservice and community public health facilities.

XNB370 Performance Analysis

| | |
|----------------|--|
| Pre-requisites | (XNB271 or HMB271) and (XNB272 or HMB272) and (XNB273 or HMB273) |
| Equivalent s | HMB347 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit is designed to integrate knowledge from the core areas of exercise science (exercise physiology, biomechanics, motor control and functional anatomy) and apply them to analysing sports performance. An ever-increasing range of quantitative information about human performance is available, including training and workload data, individual motion and kinematics, competition results. Extracting key information from this data to support decision-making is an increasingly important process, whether in optimising training, talent identification, or tracking performance in sport; informing clinical and rehabilitation decisions following injury, or in more specialised settings in exercise and movement science research. A key component will be utilising available technology to collect the data, analyse the data and make sense of the data to the athletes and coaches.

XNB371 Motor Control and Learning 2

| | |
|----------------|------------------|
| Pre-requisites | XNB271 or HMB271 |
| Equivalent s | HMB371 |
| Credit Points | 12 |
| Campus | null |

This is an advanced unit which provides an in-depth view of theories and concepts in motor learning and control; how we control actions in both everyday and skilled behaviours, and how this capability is acquired. This course provides a multidisciplinary perspective, drawing on research from psychology, neuroscience, biomechanics, robotics, neural networks and medicine. The unit is organised around the theme of sensorimotor integration as related to posture and balance, locomotion and arm movements such as reaching, grasping and pointing.

XNB372 Biomechanics 2

| | |
|----------------|---|
| Pre-requisites | (XNB272 or HMB272) and (XNB274 or HMB274) |
| Equivalent s | HMB362 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit includes the following: measurement techniques within biomechanics; analysis of force systems; photographic, goniometric and electrographic analysis of movement; an introduction to viscoelasticity

and biological materials; material properties; mass and inertial characteristics of the human body; applied aspects of biomechanics undertaken from a research project perspective.

XNB373 Exercise Physiology 2

| | |
|----------------|---|
| Pre-requisites | XNB273 or HMB273 |
| Equivalent s | HMB381 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

This unit examines the integrated regulation of the organ system examined in Exercise Physiology 1. Within this integrated perspective current research areas will be highlighted, including but not limited to (1) exercise performance and environmental stress, (2) special aids to exercise training and performance, and (3) limitations to exercise in healthy normal individuals, elite athletes and selected patient populations.

XNB375 Sport Psychology

| | |
|----------------|---|
| Pre-requisites | XNB175 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

A key aspect of sport science is the role psychology plays in

optimal levels of performance. This unit introduces psychological principles underpinning sport performance and the common tasks and decision-making processes involved in the applied work of a sport psychologist. This unit builds upon the foundational first year unit, XNB175 Exercise Psychology.

XNB378 Sports Injury Prevention and Rehabilitation

| | |
|----------------|--------------------------------|
| Pre-requisites | XNB272 and XNB273 and XNB274 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit synthesises your knowledge and skills from previous units of study across the whole range of activities associated with the assessment and programming of exercise and activity for athletic populations. The unit focuses on the evidence based practice in injury prevention and rehabilitation in preparation for your transition into professional practice.

XNB379 Strength and Conditioning

| | |
|----------------|--------------------------------|
| Pre-requisites | XNB280 and XNB282 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

Practising strength and conditioning specialists are expected to display both theoretical and practical competency in the design and

implementation of training programs which enhance sports performance. This advanced unit will develop your capacity to develop and manage strength and conditioning programmes to improve athletic performance.

XNB380 Cardiorespiratory, Metabolic and Renal Disorders

| | |
|----------------|---|
| Pre-requisites | (XNB381 and XNB280 (XN51 & XN52 students)) or (XNB271 and XNB272 and XNB273 and XNB274 (XN54 students)). XNB381 may be enrolled in the same semester as XNB380. |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit is a clinical unit that develops key clinical knowledge required for exercise physiology practice. This unit specifically focuses on the cardiorespiratory, metabolic and renal disorders, including their epidemiology, aetiology, pathophysiology, clinical course, diagnostic and assessment procedures, and treatments. By identifying the causes of each disorder, along with their epidemiological characteristics, the underlying mechanisms that affect movement capacity, and approaches taken to diagnose, assess and treat these disorders, the unit aims to develop your knowledge of these disorders so that you can recognise how they affect and respond to movement, exercise and activity. This unit links to XNH386 Clinical Skills for Exercise Physiologists, where practical assessment skills

relevant to the disease states covered in this unit, are taught.

XNB381 Musculoskeletal, Neurological and Occupational Disorders

| | |
|----------------|--|
| Pre-requisites | (XNB272 and XNB273 and XNB274) and (CSB520 (XN51 and XN52 students) or XNB271 (XN54 students)) |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit is a clinical unit that develops key clinical knowledge required for exercise physiology practice. This unit specifically focuses on the neurological, occupational and musculoskeletal disorders, including their epidemiology, aetiology, pathophysiology, clinical course, diagnostic and assessment procedures, and treatments. By identifying the causes of each disorder, along with their epidemiological characteristics, the underlying mechanisms that affect movement capacity, and approaches taken to diagnose, assess and treat these disorders, the unit aims to develop your knowledge of these disorders so that you can recognise how they affect and respond to movement, exercise and activity. This unit links to XNH386 Clinical Skills for Exercise Physiologists, where practical assessment skills relevant to the disease states covered in this unit, are taught.

XNB382 Principles of Exercise Prescription

| | |
|----------------|---|
| Pre-requisites | (XNB273 or HMB273) and (XNB282 or HMB282) |
| Equivalent s | HMB382 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1 External - XCH-1, XCH-2 |

A combination of theoretical knowledge and practical skills are required to enable the safe and effective prescription of appropriate exercise. This unit is designed to introduce students to these basic theoretical concepts, and to apply them to practical situations. Topics covered will include: health risk appraisal and fitness testing; dose-response and physical activity recommendations; and exercise programming and prescription. This unit builds upon materials covered in Exercise Physiology 1 and Resistance Training, and provides context for Principles of Exercise Programming.

XNB383 Sports Physiology

| | |
|----------------|--------------------------------|
| Pre-requisites | XNB273 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit will build upon the knowledge and skills you have gained from studying Exercise Physiology (XNB273) and Physiology (LSB231). You will integrate and apply this exercise physiology knowledge

to sports physiology including performance in differing environmental stressors (e.g., temperature and altitude); the role of recovery, sleep and travel on performance; and ergogenic aids. In addition you will develop your ability to discuss, interpret, critically analyse topical issues in sports physiology and present testing reports to athletes and coaches. By successfully completing this unit you will be able to demonstrate a range of important skills including critical thinking, team work, organisation skills, planning, experimental design, time-management, problem-solving, oral presentation skills and professional communication skills. This unit has a very strong practical focus and you will investigate physiological problems independently and as a member of a team.

XNB384 Oncology and Mental Health Disorders

| | |
|----------------|--|
| Pre-requisites | CSB520 and XNB280. CSB520 can enrolled in the same teaching period as XNB384 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This clinical unit focuses on the pathophysiology of cancer and mental health disorders. The unit includes an overview of pathophysiology, diagnostics, common treatments and side-effects and explores the role of exercise in managing these disease states. This third year unit develops important clinical skills which are essential when

practicing as a clinical exercise physiologist. The unit builds on skills learnt earlier in the course, in particular health and fitness assessment skills and exercise programming skills, and applying them to clinical populations. The unit has the opportunity to also develop your patient consultation and clinical reasoning skills in order to guide patient management strategies.

XNB385 Principles of Exercise Programming

| | |
|----------------|---|
| Pre-requisites | XNB382 or HMB382 |
| Equivalent s | HMB385 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-2 External - XCH-1, XCH-2 |

This unit enables you to acquire the graduate level capabilities of planning and delivering a broad range of exercise programs for individuals and groups, building on knowledge and competencies acquired in the first two and-a-half years of the course. It complements XNB382 Principles of Exercise Prescription and will normally be taken in parallel with practicum, XNB472. The unit will emphasise principles such as proper progression, overload, recovery and individualisation, and the use of appropriate evidence in the design and implementation of programs, and the selection of activities for a range of athletic and general populations.

XNB387 Clinical Exercise Physiology Practicum A

| | |
|----------------|---------------------------------------|
| Pre-requisites | XNB280 and XNB282 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

This unit provides you with an opportunity to undertake 140 hours at an external sport and/or exercise science practicum site working with healthy clients. Through observation, face to face client contact and placement administrative processes, you will be exposed to the scope of practice of an Exercise Scientist. You will further develop interpersonal communication, organisational and personal management, and critical thinking skills.

XNB390 Teaching Primary HPE

| | |
|----------------|--------------------------------|
| Equivalent s | HMB300 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Primary specialist teachers need knowledge and understanding of how to integrate Health and physical education within the other key learning areas. This unit provides you with the opportunity to experience and learn the connection between physical activity and health and its role in meeting the developmental needs of children. Additionally, you will 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.

XNB393 Learning through physical activity

| | |
|----------------|-------------------------------|
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - 6TP5 |

Primary and early education teachers need skills and knowledge to differentiate between teaching, planning for specific learning needs across a range of abilities. This unit will allow you to generate strategies for including physical activity in daily learning episodes. You will incorporate creative and critical thinking as a means delivering content which involves real word application of concepts underpinning activity permissive classrooms.

XNB394 Advanced Health Education

| | |
|-----------------|--------|
| Pre-requisites | XNB197 |
| Anti-requisites | XNB172 |
| Credit Points | 12 |

| | |
|----------------|--------------------------------|
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit will develop advanced level knowledge and professional skills required for contemporary health education. It focuses on application of health concepts, theories, models and learning principles. In doing so, this unit will build upon experience gained during the XNB197 Foundations of Health Education unit.

XNB396 Child and Adolescent Health

| | |
|----------------|--|
| Equivalent s | HMB333 |
| Credit Points | 12 |
| Campus | Kelvin Grove, EXCHANGE and External |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 External - XCH-1, XCH-2 |

The dynamic health status of children and adolescents is influenced by a range of health determinants. Knowledge of health issues and the underlying factors involved may be beneficial for any person required to work with children and adolescents, including teachers and health professionals. Understanding factors that impact on the health and wellbeing of children and adolescents is necessary for facilitating the holistic development of children and adolescents. You will be encouraged to explore health issues from a contextualised position, for the purpose of developing greater awareness of measures that can be

undertaken to promote the health and wellbeing of children and adolescents.

XNB399 Curriculum, Pedagogy and Assessment 2: Health and Physical Education

| | |
|----------------|--------------------------------|
| Pre-requisites | XNB299 or XNB291 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit extends the principles of professional practice established in the prerequisite Health and Physical Education curriculum unit and will further encourage you to develop a critically reflective approach to teaching. You will make independent judgments about curriculum by focusing on the application of the Senior Physical Education Syllabus (QCAA, 2019). The unit will also encourage you to explore current issues and emerging and future trends in Health and Physical Education, to reflect on your attitudes towards them, and to clarify your commitment and degree of openness to innovation and change in your teaching careers.

XNB451 Clinical Practice in Individual Dietetic Case Management

| | |
|----------------|---|
| Pre-requisites | (XNB353 or PUB645) and (XNB351 or PUB641) and (XNB352 or XNH352 or PUB506) and (XNB354 or XNH354 or PUB628) |
| Equivalent s | PUB723 |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

You will undertake a ten week Clinical Practice in Individual Dietetic Case Management placement to critically apply the theory of Medical Nutrition Therapy to within practical clinical settings. The placement is designed for your exposure to a range of cases in a variety of settings. The purpose of this work integrated learning unit is to demonstrate your competence and safety to practice as a dietitian in Australia.

XNB452 Clinical Practice in Community and Public Health Nutrition

| | |
|----------------|--|
| Pre-requisites | Completion of 288cp including (XNB350 or XNH350 or PUB509) |
| Equivalent s | PUB725 |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

You will undertake a seven week placement in Community and Public Health Nutrition to critically apply theoretical perspectives to a real world environment. The principles of planning, implementing and evaluating nutrition education sessions, knowledge of food and nutrition policy and the impact it has on food supply will be supported by your program planning skills. Experiencing working in multi-disciplinary teams in community programs, you will encounter first-hand how your professional practice interlocks with other health services.

XNB453 Professional Practice in Nutrition

| | |
|----------------|---|
| Pre-requisites | LQB481 and (LQB488 or LSB250) and (XNB255 or XNH355) and (XNB350 or XNH350 or PUB509) and (XNB251 or PUB405) and XNB252 and XNB345 and completion of 240cp including all core units |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

This unit is the capstone unit of your course and captures the work that you have learned across your degree. To develop effective nutrition programs/strategies, you must apply appropriate theories, real-world food and nutrition knowledge, attitudes and beliefs and issues of different community groups. You will potentially have opportunity to work with community programs that interlock with other health services. Program planning underpins the community nutrition placement and this unit applies your program planning skills to a nutrition related project. Note: Students may only enrol in this unit in Semester 1 with Course Coordinator permission.

XNB454 Clinical Practice in Foodservice Management

| | |
|----------------|--|
| Pre-requisites | Completion of 288 cp including (XNB353 or PUB645) and (XNB352 or XNH352 or PUB506) |
| Equivalent s | PUB822 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

foodservice management is vital to integrate knowledge of standards, food legislation and regulations theory with clinical practice. Dietetic professionals manage foodservices or components of foodservices to provide safe and nutritious foods for groups, and this unit provides specific issues in real-life food and nutrition service settings to consolidate your skills and competence in this area. The unit expectations meet the Dietitians Association of Australia minimum practice requirements.

XNB455 Dietetic Business Management

| | |
|----------------|---|
| Pre-requisites | Completion of 288 credit points including (XNB353 or PUB645) and (XNB350 or XNH350 or PUB509) |
| Equivalent s | PUB730 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

This is a final year unit of your course and builds on your knowledge of management principles, and integrates with your professional practice placements in nutrition and dietetics. Management and business skills are key requirements for competent practice in an ever increasing resource constrained and competitive environment. It compliments your other studies in dietetic leadership and management and prepares you for the real world.

XNB457 Contemporary Issues in Nutrition and Dietetics

| | |
|-----------------|---|
| Pre-requisites | XNB353, (XNB354 or XNH354), XNB451, XNB452, XNB454 and (XNB456 or XNH456). XNB451, XNB452, XNB454 and XNB456 can be enrolled in the same teaching period as XNB457. |
| Anti-requisites | HLB402 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit explores the evidence base for emerging areas of nutrition and dietetics. You will engage with researchers and experts to extend your skills in critical analysis of evidence and theoretical constructs in new, controversial and/or novel areas of food and nutrition relevant to practice now and in the future.

XNB470 Sport and Exercise Science Practicum 1

| | |
|----------------|---------------------------------------|
| Pre-requisites | XNB280 and XNB282 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

As a practising exercise or sport scientist and clinical exercise physiologist it is essential to consolidate professional skills and practice in preparation for entry into the workforce. This unit provides an opportunity for you to integrate and practise skills in real world settings. Additionally, it fulfils a major component of the practicum requirements that must be successfully completed to be

an Exercise Scientist as outlined by Exercise and Sports Science Australia (ESSA). The focus of Practicum A is experience working with healthy clients. All work integrated learning opportunities will be through QUT approved placement sites, under the supervision of appropriately qualified supervisors. This is the first of two work integrated learning opportunities. Dependent on site approval and student intention, it is possible for a student to undertake both their Semester 1 (XNB470) and Semester 2 (XNB472) practicums at the same placement site.

XNB472 Sport and Exercise Science Practicum 2

| | |
|----------------|--------------------------------|
| Pre-requisites | XNB470 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit is the second practicum unit that enables you to build on your initial learning opportunities and continue to consolidate your learning within the work integrated learning environment. In this practicum, you will be working with healthy clients. This unit also fulfils a major component of the practicum requirements that must be successfully completed to be an Exercise Scientist as outlined by Exercise and Sports Science Australia (ESSA). This is the second of two work integrated learning opportunities. The second placement works

towards consolidating your knowledge and skills of the profession.

XNB483 Clinical Exercise Physiology Business Practice

| | |
|----------------|--|
| Pre-requisites | XNH481 and XNH482 and XNB489. XNB489 can be enrolled in the same teaching period as XNB483 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Exercise Physiologists need the skills and knowledge to operate within or apply entrepreneur skills to develop a new business. The unit will give a fundamental overview of the critical areas involved in starting, running or managing an exercise physiology practice, with a particular focus on inter-disciplinary approaches to business ideas that service the multi-faceted needs of chronic diseased populations. The unit identifies the legal, ethical, and professional frameworks that guide practice. This unit is in the final year of your course and integrates with your clinical placements.

XNB488 Clinical Exercise Physiology Practicum B

| | |
|----------------|---|
| Pre-requisites | (XNB387 or XNB470) and (XNH481 or XNB481) and (XNH482 or XNB482). (XNH481 or XNB481) and (XNH482 or XNB482) can be enrolled in the same teaching period as XNB488 |
| Equivalent s | XNB484 |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

The practicum program is an essential part of the course providing an opportunity for you to consolidate your learning and to foster the development of competency as an entry level practitioner. In this practicum, you will be working with either musculo-skeletal and neurological clients OR cardio-metabolic, as the primary focus, accompanied by a secondary domain of practice (cancer, mental health, renal, workplace rehabilitation, respiratory). This unit also fulfils a major component of the practicum requirements that must be successfully completed to be an Exercise Physiologist as outlined by Exercise and Sports Science Australia (ESSA). This is one of three clinical work integrated learning opportunities.

XNB489 Clinical Exercise Physiology Practicum C

| | |
|----------------|---|
| Pre-requisites | (XNB387 or XNB470) and (XNH481 or XNB481) and (XNH482 or XNB482). XNH481 and XNH482 may be enrolled in the same study period as XNB489. |
| Equivalent s | XNB485 |
| Credit Points | 24 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1, SEM-2 |

The practicum program is an essential part of the course providing an opportunity for you to consolidate your learning and to foster the development of competency as an entry level practitioner. In this practicum, you will be working with either cardio-

respiratory and metabolic OR musculo-skeletal clients as one of the primary focus, accompanied by a secondary domain of practice (cancer, mental health, renal, workplace rehabilitation and neurological). This unit also fulfils a major component of the practicum requirements that must be successfully completed to be an Exercise Physiologist as outlined by Exercise and Sports Science Australia (ESSA). This is the final of three clinical work integrated learning opportunities.

XNB491 Advanced Health and Physical Education Curriculum Studies

| | |
|----------------|--------------------------------|
| Pre-requisites | XNB391 or HMB331 |
| Equivalent s | HMB431 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit is the culminating unit of the Health and Physical Education component of the course. The focus of the unit is on the application of principles learned throughout the course in both HPE curriculum and HPE discipline units within the framework of the Senior Physical Education syllabus.

XNH279 Evidence Based Practice in Exercise Science

| | |
|----------------|---------------------|
| Pre-requisites | XNB173 |
| Equivalent s | XNB276 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove |

es - SEM-1

This unit focuses on gathering evidence around exercise science practice and making sense of evidence to inform exercise science practice. Skills in interpretation of evidence will be developed and an overview of various approaches to research will be examined to enable you to be effective consumers of research. This unit builds upon the evidence-based practice and research work previously completed in XNB173. The unit also introduces the research processes and statistical concepts that may be used to inform and drive improvements in practice.

XNH350 Community and Public Health Nutrition

| | |
|----------------|--------------------------------|
| Pre-requisites | XNB151 |
| Equivalent s | PUB509, XNB350 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit is in the third year of your program and is core to your development in the area of community and public health nutrition an essential competency for both nutritionists and dietitians. It explores issues in public health nutrition and provides you with the necessary skills to undertake program planning and evaluation in the application of nutrition to communities and populations.

XNH354 Medical Nutrition Therapy 2

| | |
|----------------|--------------------------------|
| Pre-requisites | XNB251 and XNB252 and XNB351 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit consolidates your knowledge and skills in the application of the nutrition care process and clinical reasoning skills to the nutritional management of disease, focussing on more complex cases and/or co-morbidities. You will apply critical thinking in the nutritional management of individual clients including the assessment, diagnosis, prioritisation and delivery of practical food based advice and evaluation in a range of social and cultural contexts. This unit is only for students undertaking studies in dietetics.

XNH355 Nutrition Assessment

| | |
|----------------|--------------------------------|
| Pre-requisites | XNB151 or (XNB172 and XNB252) |
| Equivalent s | XNB355 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit will develop your knowledge, skills and application for nutrition and diet-related data collection methods at the individual, group and population level. It will continue to develop your ability to write a systematic review by identifying, synthesising and applying evidence to practice problems across the continuum of care

and to develop your clinical reasoning and advocacy skills to improve outcomes at an individual and population level.

XNH356 Contemporary Management and Practice of Food and Nutrition Services

| | |
|----------------|--|
| Pre-requisites | XNB148 and XNB149 and XNB250 and XNB252 and XNB346 |
| Co-requisites | XNB347 and XNH348 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit is in the intermediate stage of your course and builds on studies in nutrition, food chemistry and technology and medical nutrition therapy. For nutrition and dietetics professionals, an understanding of nutrition and foodservices, their organisation and management are integral to advocating for improved health outcomes for individuals, groups and populations. This unit develops your practical knowledge and skills in foodservice management, contemporary management principles, and systems approaches for high quality effective food and nutrition services. Your foodservice management knowledge and skills will be further extended in your Work Integrated Learning units in the final year of the nutrition and dietetic program.

XNH386 Clinical Skills for Exercise Physiologists

| | |
|----------------|--|
| Pre-requisites | XNB280 and XNB380 and XNB381 and XNB384. XNB380 and XNB381 can |
|----------------|--|

Units

| | |
|----------------|---|
| | be enrolled in same teaching period as XNB386 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This unit is a clinical skills unit that develops the key clinical and practical skills required for exercise physiology practice. Specifically, the unit teaches and assesses core skill competencies to conduct an effective client consultation including health and fitness assessment, analysis of results to inform the development of evidence based exercise programs which meet the client's needs and goals, and professional communication skills. Also included are skills based on delivering effective client education to assist with chronic disease or injury rehabilitation management. The skills developed in this unit link to the disease states covered in XNB380 and XNB381.

XNH456 Dietetic Leadership and Management

| | |
|----------------|--|
| Pre-requisites | Completion of 288cp including (XNB353 or PUB645) and (XNB351 or PUB641) and (XNH352 or PUB506) |
| Equivalent s | XNB456 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

Leadership, advocacy and entrepreneurship are key requirements for completing competent professional practice. This is true across all

domains of clinical dietetic practice, individual dietetic case management, foodservice management, community and public health nutrition. This capstone unit provides you an opportunity to reflect on your whole of course experience, and develop your career plans.

XNH480 Clinical Exercise Physiology Professional Practice

| | |
|----------------|--|
| Pre-requisites | XNH481 and XNH482 and XNB488 and XNB489. XNB488 and XNB489 can be enrolled in the same teaching period as XNH480 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-2 |

This capstone unit is a final year unit that will draw together the exercise physiology student's learning from their entire course. This unit enables you to integrate and synthesise your knowledge and skills, as well as drawing on your work integrated learning experience to demonstrate your readiness to practice in the exercise physiology profession. It provides an opportunity for you and the University to reflect and sign off on your readiness to practice in the exercise physiology profession.

XNH481 Clinical Exercise for Cardiorespiratory, Renal and Metabolic Disorders

| | |
|----------------|---|
| Pre-requisites | (XNB380 and XNH386 and XNB387) or (XNB380 and XNB470) |
| Co-requisites | XNH482 |
| Credit Points | 12 |

| | |
|----------------|--------------------------------|
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit applies your knowledge and skills developed in XNB380 associated with the assessment and programming of exercise and activity for individuals with cardiorespiratory and metabolic disorders. The unit focuses on the screening, assessment, prescription and evaluation of exercise and activity in the treatment and management of these disorders, including disease-specific considerations in preparation for your transition to professional practice.

XNH482 Clinical Exercise for Musculoskeletal and Neurological Disorders

| | |
|----------------|---|
| Pre-requisites | (XNB381 and XNH386 and XNB387) or (XNB381 and XNB470) |
| Co-requisites | XNH481 |
| Credit Points | 12 |
| Campus | Kelvin Grove |
| Availabilities | Kelvin Grove - SEM-1 |

This unit applies your knowledge and skills developed in XNB380 associated with the assessment and programming of exercise and activity for individuals with with neurological and musculoskeletal disorders. The unit focuses on the screening, assessment, prescription and evaluation of exercise and activity in the treatment and management of these disorders, including disease-

specific considerations in preparation for your transition into professional practice.