Graduate Certificate in Health Science (HL38)

Year offered: 2012
Admissions: Yes
CRICOS code: 027285D
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Course duration (external): 1 semester (full-time) 2 semesters (part-time)
Domestic Fees (indicative): 2012: $7500 (indicative) per Semester
International Fees (indicative): 2012: $11,100 (indicative) per semester
Domestic Entry: February and July
International Entry: February and July
Total credit points: 48
Standard credit points per part-time semester: 24
Course coordinator: Enquiries to email: publichealth@qut.edu.au or phone: 07 3138 5856
Discipline coordinator: School of Public Health and Social Work
Campus: Kelvin Grove and External

Course Structure

Students are required to complete any four units (totaling 48 credit points) from List A. Students can choose four units that make up a Study Area, or can choose units from across disciplines.

Study Areas
- Aged Care
- Emergency and Disaster Management
- Environmental Health
- Health Professional Education (part-time only available) [This study area has been discontinued]
  - Health Promotion
  - Health Services Management
  - Occupational Health and Safety
  - Quality and Patient Safety
  - Risk Management (subject to review)
  - Womens Health
  - Cross-specialisation

Note: In 2010 the four units in the Emergency and Disaster Management study area are only available in second semester. Students enrolling part-time cannot complete the study area in consecutive semesters.

Course Articulation

This course articulates fully into HL68 Graduate Diploma in Health Science and HL88 Master of Health Science, except for the Quality and Patient Study area which articulates into PU63 Graduate Diploma in Health Management and PU83 Master of Health Management.

International Student Entry

International students may enrol only in full-time studies and may study only onshore.

Further Information

For information about this course, please call the School of Public Health and Social Work on +61 7 3138 5856 or email publichealth@qut.edu.au

Full-time Course structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1 or 2</th>
<th>Select four units from List A</th>
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Part-time Course structure

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<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Select two units from List A</th>
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<td>Year 1, Semester 2</td>
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HL38 Health Professional Education structure (part-time only)

<table>
<thead>
<tr>
<th>Year 1, Semester 1 - Feb entry</th>
<th>EDN626 Learning And Teaching In Higher Education</th>
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<tr>
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<td>HLN720 Clinical Education in Health</td>
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<tr>
<td>Year 1, Semester 2 - Feb entry</td>
<td>EDN630 Curriculum Design, Assessment and Evaluation in Higher Education</td>
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<td>Elective</td>
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<tr>
<td>Year 1, Semester 1 - July Entry</td>
<td>EDN630 Curriculum Design, Assessment and Evaluation in Higher Education</td>
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<td></td>
<td>Elective</td>
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<tr>
<td>Year 1, Semester 2 - July entry</td>
<td>EDN626 Learning And Teaching In Higher Education</td>
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<td></td>
<td>HLN720 Clinical Education in Health</td>
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Electives

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<tr>
<th>PUN632 Leadership in Health Management</th>
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<td>HLN701 Independent Study</td>
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**Queensland University of Technology**  
Brisbane Australia

### Recognition of prior learning is also available for:
- Supporting Transitions to Professional Practice*
- Qld Health Preceptor program*
* including successful completion of specified assessment items

**HL38 - Quality and Patient Safety structure (part-time only)**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
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<th>Year 1, Semester 2</th>
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<td>PUN219</td>
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### Unit List

**List A - Major Areas of Study**

#### AGED CARE
- NSN626 | Studies in Dementia |
- NSN821 | Promoting Healthy Ageing |
- NSN822 | Palliation in Dementia |

#### EMERGENCY AND DISASTER MANAGEMENT
- PUN451 | Introduction To Health Disaster Management |
- PUN452 | Health Disaster Planning and Preparedness |
- PUN453 | Health Disaster Response and Recovery |
- PUN454 | Health Leadership in Disaster Management |

#### ENVIRONMENTAL HEALTH
- PUN363 | Environmental Health Law |
- PUN364 | Food Safety |
- PUN465 | Environmental Protection |
- PUN466 | Communicable diseases |
- PUN467 | Public Health Risk Assessment |
- PUN617 | Environmental Health Management |
- PUN620 | Concepts of Environmental Health |

**HEALTH SERVICES MANAGEMENT**
- PUN632 | Leadership in Health Management |
- PUN640 | Health Care Delivery and Reform |
- PUN688 | International Health Policy and Management |
- PUN210 | Fundamentals of Health Management |
- PUN211 | Health Care Finance and Economics |
- PUN212 | Understanding Health Information |
- PUN213 | Introduction to Quality Management in Health |
- LWN164 | Health Care Law and Ethics |

#### HEALTH PROMOTION
- PUP032 | Intervention Design and Theories of Change |
- PUP034 | Advanced Studies and Practice in Health Promotion |
- PUP037 | Health Program Evaluation |
- PUP038 | Contemporary Health Promotion |

#### OCCUPATIONAL HEALTH AND SAFETY
- PUN106 | Population Health |
- PUN301 | Occupational Health and Safety Law and Management |
- PUP116 | Ergonomics |
- PUN500 | Safety Management |
- PUP250 | Toxicology and Occupational Hygiene |
- PUP415 | Occupational Health |

#### RISK MANAGEMENT
- PUN001 | Contemporary Risk Management |
- PUN008 | Risk Assessment |
- PUN467 | Public Health Risk Assessment |
- PUN211 | Health Care Finance and Economics |

**OR**
- HLN701 | Independent Study |

#### WOMEN’S HEALTH
- NSN516 | Sexual and Reproductive Health |
- NSN517 | Women's Health Issues |
- NSN427 | Prevention of Violence Against Women |
Additional List A Units

RESEARCH METHODS ELECTIVES
- HLN405 Qualitative Research
- PUN105 Health Statistics
- HLN706 Advanced Quantitative Research Methods
- HLN710 Fundamentals of Epidemiology and Research Design

RESEARCH UNIT ELECTIVES
- HLN701 Independent Study

PUBLIC HEALTH NUTRITION
- PUN553 Chronic Disease Prevention and Management
- PUN554 Food Policy and Sustainability

GENERAL HEALTH ELECTIVES
- NSN424 Evidence Based Practice
- PUN103 Advanced Epidemiology
- PUN106 Population Health
- PYP401 Introduction to Road Safety
- PYP402 Traffic Psychology and Behaviour
- PYP404 Applying Traffic Psychology
- SWN004 Professional Communication Skills
- SWN009 Social Work Assessment and Intervention
- SWN008 Group, Team and Community Work for Professional Practice

Potential Careers:
Community Health Officer, Health Services Manager, Policy Officer, Public Health Officer.

UNIT SYNOPTICES

EDN626 LEARNING AND TEACHING IN HIGHER EDUCATION
This unit aims to develop the student's capacity to take a theoretically grounded approach to teaching and learning in higher education, specifically through increasing their knowledge of formal and informal theories of learning and teaching.
Credit points: 12 Campus: Internet

EDN630 CURRICULUM DESIGN, ASSESSMENT AND EVALUATION IN HIGHER EDUCATION
The unit aims to introduce students to key concepts and practices underpinning contemporary curriculum design, development, assessment and evaluation in rapidly changing global and local contexts.

Credit points: 12 Campus: Internet

HLN405 QUALITATIVE RESEARCH
This unit addresses a range of qualitative methodologies and methods which represent alternative approaches to the application of the quantitative paradigm in health science research. The predominance of the natural sciences in nursing/health research has come into question in recent times and thus the unit introduces students to the origins of such challenges, to the knowledge bases of the alternative approaches to investigating the microsocial world of health/illness and to the relevant research methods. The unit comprises a series of lectures, seminar presentations and relevant readings.
Credit points: 12 Contact hours: 3 per week Campus: Kelvin Grove and External Teaching period: 2012 SEM-1 and 2012 SEM-2

HLN701 INDEPENDENT STUDY
Independent Study allows students to study a topic which is not otherwise available as a formal unit. Students have the opportunity to pursue their studies relatively independently and to develop and practice skills in problem identification, evaluation and/or critical thinking. The study may be for example a critical literature review, an examination of guidelines or an evaluation. The process and outcomes are negotiated in a contract with a supervisor.
Credit points: 12 Campus: Kelvin Grove and External Teaching period: 2012 SEM-1, 2012 SEM-2 and 2012 SUM

HLN706 ADVANCED QUANTITATIVE RESEARCH METHODS
The content of this unit builds on the basic statistics background assumed of students. A unifying theme is the concept of sources of variation in collected data, how proper design of study and measurement instruments minimises some sources of variation (error), how analytical techniques account for other sources, and finally the issue of introduced error that cannot be accounted for, but must be addressed in discussion of results. Analytical strategies for modelling health data are compared, and practical experience focuses on the analysis and interpretation of various data sets.
Prerequisites: PUN105 Credit points: 12 Contact hours: 4 per week Campus: Kelvin Grove Teaching period: 2012 SEM-2

HLN710 FUNDAMENTALS OF EPIDEMIOLOGY AND RESEARCH DESIGN
This unit introduces you to the fundamentals of epidemiology and quantitative research design. It addresses the collection and interpretation of epidemiological data, introduces measures of disease occurrence and association, and contemporary issues of major importance.
in health. It provides you with essential skills for logical, scientific assessment of the health and medical literature. There will be a strong emphasis on applying concepts through critical reading of the literature and the development of a comprehensive research proposal as the main practical exercise of the unit.

**Antirequisites**: HLN705, PUN743  
**Credit points**: 12  
**Campus**: Kelvin Grove and External  
**Teaching period**: 2012 SEM-1 and 2012 SEM-2

### HLN720 CLINICAL EDUCATION IN HEALTH

This unit is to introduces you to principles and practices designed to facilitate learning in the clinical context. Completion of the unit will enable you to differentiate between clinical supervision and clinical education, and relate to this to your own field of practice; demonstrate knowledge and understanding of models/theories of clinical education and their application within your own field of practice; demonstrate knowledge and understanding of concepts and principles related to learning, teaching and assessment in the clinical context; apply concepts and principles related to clinical learning, teaching and assessment to your field of practice; reflect critically on your learning in this unit and its implications for your future practice.

**Credit points**: 12  
**Campus**: Kelvin Grove and External  
**Teaching period**: 2012 SEM-1 and 2012 SEM-2

### LWN164 HEALTH CARE LAW AND ETHICS

The relationship between law and ethics in healthcare is important, but at times contested. This unit explores that relationship to lay the foundations of an understanding of law and ethics as they relate to healthcare.

**Credit points**: 12  
**Contact hours**: 26hrs in total  
**Campus**: Gardens Point  
**Teaching period**: 2012 SEM-2

### NSN424 EVIDENCE BASED PRACTICE

On successful completion of this unit students will be able to critically appraise systematic reviews of evidence and design projects for the implementation of evidence into practice. Content includes: Evidence-based terminology, principles and processes; incorporating evidence into practice; comparing and contrasting current practice with the most current evidence; modifying policies and procedures to be consistent with the evidence; use of audit results to identify areas of practice that are consistent with the evidence and those needing revision; formulating strategies for promoting the uptake of evidence-based practice.

**Credit points**: 12  
**Campus**: Kelvin Grove and External  
**Teaching period**: 2012 SEM-2

### NSN427 PREVENTION OF VIOLENCE AGAINST WOMEN

The unit explores the prevalence, incidence, and impact of abuse on the individual, family, community and society. A range of approaches to prevention and intervention will be explored, both from local, national and international perspectives, to enable students to contextualise the learning to their discipline area.

**Credit points**: 12  
**Campus**: Kelvin Grove and External  
**Teaching period**: 2012 SEM-2

### NSN516 SEXUAL AND REPRODUCTIVE HEALTH

This unit will bring together current research and evidence-based practice and information as well as, a health-oriented approach to the subject of sexuality and reproduction. The purpose of this unit is to highlight the fundamental issue that even though screening programs have emerged and improved women's health, women continue to have health problems that are unique to them as women. The aim of this unit is for the student to come to the understanding that a woman's sexual health encompasses not only the medical and physical components of sexual activity but a holistic understanding of physical and mental health. These are seen as being influenced by self-esteem, values, culture and socio-economic factors as well as societal influences.

**Credit points**: 12  
**Contact hours**: 3 per week  
**Campus**: Kelvin Grove and External  
**Teaching period**: 2012 SEM-2

### NSN517 WOMEN’S HEALTH ISSUES

This unit provides students with opportunities to develop and expand their theoretical knowledge and skills in the area of women's health, and utilises the primary health care framework in considering the major objectives for helping women achieve optimal health as documented in women's health policy. This unit aims to make primary health care professionals aware of the broader social context in which service, delivery and care take place.

**Credit points**: 12  
**Contact hours**: 3 per week  
**Campus**: Kelvin Grove and External  
**Teaching period**: 2012 SEM-2

### NSN626 STUDIES IN DEMENTIA

Dementia is characterised by progressive impairment of brain functions involving memory, perception, language, personality and cognition. Estimates of the prevalence of dementia have been reported as doubling every five years of age after the age of 65 and as affecting nearly one in four of those aged 85 and over (AH&W, 2004). Providing services for people with dementia and support to their carers presents a significant challenge to health service providers both now and into the future. The aim of this unit is to allow you to explore a range of health service delivery and community care issues associated with dementia, particularly Alzheimer's disease.

**Credit points**: 12  
**Contact hours**: 3 per week  
**Campus**: Kelvin Grove and External  
**Teaching period**: 2012 SEM-1
NSN821 PROMOTING HEALTHY AGEING
Individuals’ reactions to growing older are embedded in their cultural traditions and social experiences rather than determined through years of age. Responses to ageing are shaped to some extent by expectations about being old. Too frequently, older people are confronted with negative stereotypes, prejudice and discrimination and all forms of ageism. Now, more than ever, health professionals need to be conversant with the impact of an ageing population on services generally, and what government and community initiatives are in place for positive and healthy ageing.
Credit points: 12 Contact hours: 3 per week Campus: Kelvin Grove and External Teaching period: 2012 SEM-2

NSN822 PALLIATION IN DEMENTIA
Regardless of discipline, those working with older people, whether in the community or in residential care settings, need a broad and holistic understanding of the many issues associated with service delivery: legal, ethical, geographic, service access and availability, workforce issues and funding, among others. These issues impact on the type and quality of services delivered and therefore, on clients and their families. This Unit enables students to explore a range of complex issues relating to service provision for older people.
Credit points: 12 Campus: Kelvin Grove and External Teaching period: 2012 SEM-2

PUN001 CONTEMPORARY RISK MANAGEMENT
This unit provides an introduction to the risk management process as outlined in AS/NZS 4360 risk management. The unit concentrates on the context of risk management and introduces the student to the concepts that will be explored further in other units. The structure of the organisation, its environment and the potential loss exposures are examined in some detail.
Credit points: 12 Contact hours: 3 per week Campus: Kelvin Grove and External Teaching period: 2012 SEM-1

PUN008 RISK ASSESSMENT
This unit provides the skills necessary to identify and assess risks. Qualitative, semi-quantitative and quantitative methods of risk analysis are investigated in the context of the major perils likely to be considered by an organisation. Various risk analysis techniques including HAZOP, FMEA, hazard indices, fault trees, event trees, reliability analysis, statistical analysis, and probability are discussed.
Credit points: 12 Contact hours: 3 per week Campus: Kelvin Grove and External Teaching period: 2012 SEM-1

PUN103 ADVANCED EPIDEMIOLOGY
This unit's aim is the mastery of key principles and concepts of research design. There has been an increasing demand for evidence based health research, and an increasing trend towards research that considers complex biological, environmental and societal inter-relationships. Recent developments in epidemiology have contributed novel research designs and statistical methods to complement these needs. Throughout this unit, students are exposed to these more sophisticated designs and analytical methods. Such knowledge is mandatory for critical evaluation of the current research literature, for design of efficient research studies, and to inform appropriate interpretation of research results at a 'best practice' level.
Credit points: 12 Contact hours: 3 per week Campus: Kelvin Grove and External Teaching period: 2012 SEM-2

PUN105 HEALTH STATISTICS
Beyond a common core of statistical concepts, each discipline area emphasises its own set of descriptive and inferential statistical methods and even terminology. The content of this unit emphasises both core and health specific statistical methods in the health sciences. Students are provided with substantial practical experience in the application and interpretation of the most common statistical methods to health data, and are also made aware of data management principles in preparation for analysis. There is a strong emphasis on applying concepts through critical reading and discussion of the literature and worked examples from a range of topic areas.
Credit points: 12 Contact hours: 3 per week Campus: Kelvin Grove and External Teaching period: 2012 SEM-1

PUN106 POPULATION HEALTH
This unit addresses some of the significant issues of population health including the complex relationship between health and social, economic, political and lifestyle factors and social disadvantage and health. It examines contemporary concepts of health and illness also draws on international examples. Potential health issues facing Australia and the world, such as the aging of the population, the impact of genetic technology on health and the health of specific sub-populations are also examined.
Antirequisites: PUP010, PUN251 Credit points: 12 Contact hours: 3 Campus: Kelvin Grove and External Teaching period: 2012 SEM-1

PUN210 FUNDAMENTALS OF HEALTH MANAGEMENT
This unit will provides students as future health managers with an understanding of the principles of management in health, including financial management in health; human resource management principles in health including workforce design, recruitment, conflict management, individual and team performance management, and occupational health and safety; information management as it applies to health management; and listening, interpersonal communication, advocacy, and negotiation and mediation skills.
Credit points: 12 Campus: Kelvin Grove Teaching
PUN211 HEALTH CARE FINANCE AND ECONOMICS
The unit develops analytical skills and understanding of micro- and macro- economics as they apply to health and of accounting and financial management decision-making principles and processes. It offers an overview of the financial structure of the Australian Health Care system and the context in which it operates. It also offers an understanding of the basic concepts and tools of economic analysis and introduces concepts that are essential in understanding financial resource management, health and health care.

Credit points: 12  Campus: Kelvin Grove and External  Teaching period: 2012 SEM-1

PUN301 OCCUPATIONAL HEALTH AND SAFETY LAW AND MANAGEMENT
This unit introduces students to the history of occupational health and safety and the impact on occupational health and safety practice of the law, and industrial relations. The theory and practice of occupational health and safety management is discussed.

Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove and External  Teaching period: 2012 SEM-1

PUN363 ENVIRONMENTAL HEALTH LAW
The purpose of this unit is to develop students who have a detailed understanding of the legislative and administrative frameworks and principles that form the foundation for environmental health practice. In particular, this unit will detail various legislative tools for the management of public health issues in different settings. The prosecution process and gathering of evidence will be discussed along with a detailed discussion on the environmental health practitioners role under the Public Health Act 2005, Environmental Protection Act 1994 and other related legislation. Major topics covered include: an introduction to law and government, public health law, planning and environmental law, local laws, investigation processes and procedures.

Assumed knowledge: PUN620 is assumed knowledge.
Credit points: 12  Campus: Kelvin Grove  Teaching period: 2012 SEM-1

PUN364 FOOD SAFETY
The aim of this unit is to develop the food safety knowledge of future health professionals (such as environmental health practitioners, public health practitioners, nutritionists and dieticians) to enable them to identify and implement processes to ensure a safe food supply and prevent food borne illness in the community. A variety of food safety topics are covered including food science principles, food safety law, auditing, premises design, HACCP, food safety programs, and food handler training/health promotion.

Credit points: 12  Campus: Kelvin Grove and External  Teaching period: 2012 SEM-1

PUN451 INTRODUCTION TO HEALTH DISASTER MANAGEMENT
This unit develops your knowledge of the principles of major incidence response and your ability to manage such incidents. It covers the principles of major incident and disaster management; prevention, planning and preparation to the process of risk identification and management; operational frameworks for management of major incidents and disasters; and recovery arrangements.

Credit points: 12  Campus: Kelvin Grove and External

PUN452 HEALTH DISASTER PLANNING AND PREPAREDNESS
This unit develops an understanding of the importance of health services preparation and planning and the knowledge and skills required to lead health services preparation and planning.
Assumed knowledge: PUN451 is assumed knowledge.
Credit points: 12  Campus: Kelvin Grove and External

PUN453 HEALTH DISASTER RESPONSE AND RECOVERY
This unit develops students' capability in identifying and evaluating issues that need to be addressed during response to, and recovery from, a major incident, and managing those issues.

Credit points: 12  Campus: Kelvin Grove and External

PUN454 HEALTH LEADERSHIP IN DISASTER MANAGEMENT
This unit develops students' capacity to manage a health service so that it is prepared and capable of managing a major incident. It is intended for those who are likely to be responsible for designing response arrangements, instructing others in those arrangements and for managing the health service strategically throughout a major incident.

Assumed knowledge: PUN451, PUN452 and PUN453 are assumed knowledge.  Credit points: 12  Campus: Kelvin Grove and External

PUN465 ENVIRONMENTAL PROTECTION
This unit aims to give students a detailed understanding of the causes, controls measures and management strategies for environmental pollution and an understanding of environmental impacts on human health. A variety of topics on environmental management are covered including environmental management principles, environmental policy and legislation, integrated planning, waste management, contaminated land, air pollution, water pollution, and noise pollution.

Prerequisites: PUN620 and PUN363. PUN620 and PUN363 can be enrolled in the same teaching period as PUN465  Credit points: 12  Campus: Kelvin Grove and External  Teaching period: 2012 SEM-2

PUN466 COMMUNICABLE DISEASES
This unit aims to provide a comprehensive overview of communicable diseases and to discuss current surveillance, control and prevention methods/strategies implemented by public health agencies. Topics in this unit include the following: communicable disease principles; physiology and epidemiology; outbreak investigation and management; immunisation; vector control; disease surveillance; and infection control.

Credit points: 12  Campus: Kelvin Grove and External  Teaching period: 2012 SEM-2

PUN467 PUBLIC HEALTH RISK ASSESSMENT
The aim of this unit is to provide future public health professionals with the skills and knowledge necessary to effectively assess and manage risks associated with a variety of public health hazards. Topics covered in this unit include the following: the Australian standard risk management framework; environmental health risk assessment framework (issues identification, hazard identification, dose-response assessment, exposure assessment, risk characterisation); risk management strategies and approaches; fundamentals of environmental toxicology and its application in health risk assessment; health impact assessment; effective risk communication and community consultation approaches for public health risks; and case studies.

Credit points: 12  Campus: Kelvin Grove and External  Teaching period: 2012 SEM-2

PUN500 SAFETY MANAGEMENT
In this unit, students learn about the nature of materials with regards to material failure, fire and explosions. Students are introduced to the concept of the hierarchy of controls and learn about the various safety systems used to control physical, chemical and biological hazards. Students are also introduced to specific legislative requirements that regulate the use of such substances, the configuration of appropriate safety systems, and the storage, handling and transport of hazardous materials. Students develop skills in accident investigation.

Credit points: 12  Contact hours: 3  Campus: Kelvin Grove and External  Teaching period: 2012 SEM-2

PUN553 CHRONIC DISEASE PREVENTION AND MANAGEMENT
This unit aims to broaden your understanding of the determinants and issues relating to many major chronic diseases and to critically examine and review the application of a number of currently recommended frameworks, strategies and approaches for their prevention and their management both internationally and nationally.

Credit points: 12  Campus: Kelvin Grove and External  Teaching period: 2012 SEM-2

PUN554 FOOD POLICY AND SUSTAINABILITY
This unit aims to broaden your understanding of and to critically analyse the development and application of food policy at local, regional, state and global levels. Within the current context of environmental, economic and social vulnerability it will provide students with tools to use policy to impact on food safety, food security and nutritional health that are sustainable both within the short and long term.

Credit points: 12  Campus: Kelvin Grove and External
Teaching period: 2012 SEM-2

PUN617 ENVIRONMENTAL HEALTH MANAGEMENT
The aim of this unit is to integrate the aspects of environmental health theory and practice covered in other Units within the environmental health graduate program by focusing on current management and policy issues, strategies, tools and approaches. Topics covered include: environmental health policy development; environmental health management in local and state government; new technologies; program evaluation including economic evaluation and environmental health indicators; emergency management; event management; Indigenous environmental health policy; environmental health research; dangerous goods safety management; project management and environmental health practice issues.
Assumed knowledge: PUN620 is assumed knowledge.
Credit points: 12 Campus: Kelvin Grove and External
Teaching period: 2012 SEM-2

PUN620 CONCEPTS OF ENVIRONMENTAL HEALTH
The aim of this unit is to produce students who have an in-depth understanding of the large range of contemporary environmental health hazards (including historical, current and predicted hazards) and the strategies to assess and manage these hazards in a sustainable manner. This unit consists of the following 4 modules: (1) Introduction to Environmental Health (provides an introduction to environmental health and environmental health management); (2) Ecosystems, Sustainability and Health; (3) Environmental Health Issues (eg. air pollution, water and sanitation, waste and contaminated land, communicable diseases and food safety, physical agents); and (4) Environmental Health Settings (including Indigenous environmental health, the built environment, and global and emerging environmental health issues).
Credit points: 12 Contact hours: 3 per week Campus: Kelvin Grove and External
Teaching period: 2012 SEM-1

PUN632 LEADERSHIP IN HEALTH MANAGEMENT
In this unit students develop and apply a researched, conceptual framework to understand management, leadership and change issues, particularly related to health care, consolidated using researching, logical argument, analysis and writing skills. The unit draws on contemporary research and practice
Antirequisites: PUN610 Assumed knowledge: PUN106 or equivalent is assumed knowledge. Credit points: 12
Campus: Kelvin Grove and External
Teaching period: 2012 SEM-2

PUN640 HEALTH CARE DELIVERY AND REFORM
This unit introduces conceptual frameworks fundamental to the organisation of health systems with particular emphasis on Australian and international health systems. Issues covered include the operation, funding and evaluation of health systems, health reform and the drivers for change.
Credit points: 12 Campus: Kelvin Grove and External
Teaching period: 2012 SEM-1

PUN688 INTERNATIONAL HEALTH POLICY AND MANAGEMENT
This unit provides students with an understanding of the impact of globalisation on health policy and management, including policy formation and the role of political influences. Students will have an opportunity to explore and understand specific examples of national and international policy in both developed countries and countries in transition, particularly the in Asia-Pacific region.
Credit points: 12 Campus: Kelvin Grove and External
Teaching period: 2012 SEM-2

PUP032 INTERVENTION DESIGN AND THEORIES OF CHANGE
This unit examines theories of change as they impact on health promotion and health education practice and the development and implementation of public health interventions. The unit addresses the strengths and weaknesses of change theory into practice and explores the nature of individual, group and organisational change strategies in public health and health promotion.
Credit points: 12 Contact hours: 3 per week Campus: Kelvin Grove and External
Teaching period: 2012 SEM-1

PUP034 ADVANCED STUDIES AND PRACTICE IN HEALTH PROMOTION
This advanced unit identifies the repertoire of practice skills that health promotion students need to address health problems. It integrates needs identification, systematic planning and evaluation models into practice. Internal students put this knowledge into practice through participation in a group based health promotion project. The process of developing and implementing a health promotion program develops an understanding of issues such as ethics, writing goals and objectives, resources and time management. External students conduct a needs assessment and use the data to write a health promotion program proposal.
Prerequisites: PUP032 Corequisites: PUP037
Antirequisites: PUN613 and PUP023 Credit points: 12 Contact hours: 3 per week Campus: Kelvin Grove and External
Teaching period: 2012 SEM-2

PUP037 HEALTH PROGRAM EVALUATION
The aim of the unit is to provide students with skills and knowledge of health program evaluation, its place in public health and health sector contexts, the influences of evidence and contexts, both organisational and political in program evaluation and the application of program evaluation techniques. This unit complements health studies
and deepens students' understanding of program evaluation in practice.

**Prerequisites:** PUP032  **Corequisites:** PUP034

**Assumed knowledge:** Knowledge of the principles of health promotion planning is assumed.  **Credit points:** 12  **Campus:** Kelvin Grove and External  **Teaching period:** 2012 SEM-2

**PUP038 CONTEMPORARY HEALTH PROMOTION**

The unit provides students with a critical understanding of the foundations of health promotion nationally and internationally, and its influence and evidence in improving population health outcomes through new conceptual and practice perspectives. This unit complements public health and other studies and provides a foundation for health professionals of the fundamental underpinnings of the discipline nationally and internationally.

**Credit points:** 12  **Campus:** Kelvin Grove and External  **Teaching period:** 2012 SEM-1

**PUP116 ERGONOMICS**

This unit explores the relationship between the worker, the work environment and the work space. Occupational ill health and injury arise from a lack of fit between the capabilities of workers and the design of the working environment, the work processes and the physical and mental demands of the task. Insight into ergonomics can assist practitioners to enhance the workers safety and comfort, improve work efficiency and performance, and optimise work performance. Topics include basic anatomy and physiology of body systems, occupational biomechanics and psychology.

**Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Kelvin Grove and External  **Teaching period:** 2012 SEM-2

**PUP250 TOXICOLOGY AND OCCUPATIONAL HYGIENE**

Occupational and environmental monitoring is described as the recognition, evaluation and control of hazards in the workplace. Workplaces contain numerous substances that are potentially hazardous to the health of the workforce, other occupants and the public. Occupational and environmental monitoring spans a number of disciplines including toxicology, engineering and statistics. Students need to develop strong investigative and analytical abilities and professional judgment. Students also develop skills in evaluating the extent of workplace hazards. A preventative approach to dealing with occupational health problems is emphasised based on an understanding of the control hierarchy and the use of exposure standards.

**Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Kelvin Grove and External  **Teaching period:** 2012 SEM-2

**PUP415 OCCUPATIONAL HEALTH**

This unit explores chemical hazards in the working environment, epidemiological principles and practice, and identification of special risk groups in the workforce. Topics include the following: the pathological bases of disease in humans; chronic occupational diseases; occupational skin conditions; respiratory diseases; biological hazards in the work environment (bacteria, parasites, viruses, rickettsia and fungi); chemical and physical stresses and their physiological responses; physiological monitoring principles and practice; special risk groups; and epidemiological principles and practice.

**Credit points:** 12  **Contact hours:** 3  **Campus:** Kelvin Grove and External  **Teaching period:** 2012 SEM-2

**PYP401 INTRODUCTION TO ROAD SAFETY**

This unit introduces the key principles and practices in road safety. Special emphasis is given to the broad context of road use/transport in society and the economic and social implications of road crashes. It introduces the basics of information retrieval, road crash analysis and interpretation, and the strategic development of road safety countermeasures.

**Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Kelvin Grove  **Teaching period:** 2012 SEM-1, 2012 6TP4 and 2012 SEM-2

**PYP402 TRAFFIC PSYCHOLOGY AND BEHAVIOUR**

This unit reviews the wide range of factors that influence the behaviour of road users, particularly those that contribute to the incidence of road crashes or exacerbate their severity. It considers all types of road users, including motor vehicle drivers and passengers, motorcycle riders, cyclists and pedestrians. A range of theoretical models are examined which have been used to explain the behaviour of road users.

**Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Kelvin Grove  **Teaching period:** 2012 SEM-1 and 2012 SEM-2

**PYP404 APPLYING TRAFFIC PSYCHOLOGY**

This unit reviews the various strategies and programs designed to modify road user behaviour. Effective and ineffective approaches is compared, in order to identify the key characteristics of successful programs. While this is a stand-alone unit, it extends many of the theoretical and practical issues covered in PYP402 - Traffic Psychology and Behaviour.

**Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Kelvin Grove  **Teaching period:** 2012 SEM-2 and 2012 SUM

**SWN004 PROFESSIONAL COMMUNICATION SKILLS**

This unit builds the fundamental communication skills essential for professional social work within a diversity of practice settings. It pays particular attention to the needs of Indigenous peoples and clients from ethnically and cultural diverse backgrounds. It
develops necessary skills in interpersonal dynamics, interviewing, empathic engagement, relationship building, insight, negotiation, advocacy and reflective practice. It acknowledges the need for professionals to be proficient in written and audio communications and ensures competence in the use of a range of contemporary information, communication and presentation technologies.

**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2012 SEM-1

**SWN008 GROUP, TEAM AND COMMUNITY WORK FOR PROFESSIONAL PRACTICE**

This unit critically reviews the theory of group work, team work, and community work and explores the strategic use of each as an intervention method in professional practice. It requires students to develop and demonstrate high level skills for the effective use of each of these as intervention methods for addressing disadvantage and marginalisation. It focuses particularly on group, team and community engagement, and tests skills for capacity building, advocacy, negotiation, conflict resolution, project management, planning and leadership.

**Prerequisites:** SWN001  
**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2012 SEM-2

**SWN009 SOCIAL WORK ASSESSMENT AND INTERVENTION**

This unit extends students' skills developed in professional communication, case, group, and community work, to apply assessment and intervention skills at the micro, meso, and macro levels of practice. The unit explores a range of assessment methods, intervention skills and a professional practice framework to interpret the particularities of the client’s life circumstances. The practice skills of assessment, planning, intervention, make decisions and judgments, solve problems, and promoting change at the relevant level of practice to enhance client well being are personalised in real life contexts.

**Prerequisites:** SWN001  
**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2012 SEM-1