Graduate Diploma in Occupational Health and Safety (PU65)

Year offered: 2012  
Admissions: Yes  
CRICOS code: 061160A  
Course duration (full-time): 2 semesters  
Course duration (part-time): 4 semesters  
Course duration (external): 4 semesters  
Domestic Fees (indicative): 2012: CSP $4,025 (indicative) per Semester  
International Fees (indicative): 2012: $11,300 (indicative) per Semester  
Domestic Entry: February and July  
International Entry: February and July  
Total credit points: 96  
Standard credit points per full-time semester: 48  
Course coordinator: Enquiries to publichealth@qut.edu.au or 07 3138 5856  
Campus: Kelvin Grove and External

Course Structure
Students complete eight specified units. The course is available full-time and part-time. Internal and external modes are available (within Australia only).

Course Articulation
This course fully articulates into the Master of Health Science.

International Student Entry
International students may only enrol in full-time studies and may only study on-shore.

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

Year 1, Semester 1
PUN001 Contemporary Risk Management  
PUN301 Occupational Health and Safety Law and Management  
PUN008 Risk Assessment  
HLN710 Fundamentals of Epidemiology and Research Design

Year 1, Semester 2
PUN500 Safety Management

PUP415 Occupational Health  
PUP116 Ergonomics  
PUP250 Toxicology and Occupational Hygiene

Part-time Course Structure

Year 1, Semester 1
PUN001 Contemporary Risk Management  
PUN301 Occupational Health and Safety Law and Management

Year 1, Semester 2
PUN500 Safety Management  
PUP415 Occupational Health

Year 2, Semester 1
HLN710 Fundamentals of Epidemiology and Research Design  
PUN008 Risk Assessment

Year 2, Semester 2
PUP116 Ergonomics  
PUP250 Toxicology and Occupational Hygiene

Potential Careers:
Government Officer, Manager, Occupational Health and Safety Officer, Policy Officer.

UNIT SYNOPSES

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
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-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

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

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

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