Graduate Certificate in Environmental Health (PU32)

Year offered: 2010
Admissions: No
Course duration (part-time): 2 semesters
Course duration (external): 2 semesters part-time
Domestic fees (indicative): 2010: Full fee tuition $7,250 (indicative) per semester
Domestic Entry: February
Total credit points: 48
Standard credit points per part-time semester: 24
Course coordinator: Dr Thomas Tenkate
Campus: Kelvin Grove

No further intake
This course has been discontinued from 2009. A study area in Environmental Health is available in HL38 Graduate Certificate in Health Science.

Overview
This course provides the knowledge and skills required to enhance professional development in the area of environmental health and prepares students for further postgraduate study.

Entry requirements
Applicant must hold an undergraduate degree in a relevant area such as science, environmental science, nursing, health science or public health. Normally applicants must have completed a minimum of 48 credit points of basic science in units such as chemistry, physics, microbiology, anatomy and physiology, or life science.

Course Articulation
The Graduate Certificate in Environmental Health articulates into the Graduate Diploma in Environmental Health.

International Student Entry
This course is not available to international students. The Graduate Certificate in Environmental Health is only offered part-time. International students may enrol only in full-time studies.

Further information
For more information about this course, please contact the School of Public Health on phone +617 3138 5878 or email sph.studentcentre@qut.com

Potential Careers:
Environmental Health Officer, Government Officer, Public Health Officer.

UNIT SYNOPSES

PUN363 ENVIRONMENTAL HEALTH LAW
The purpose of this unit is to develop students who have a detailed understanding of the legislation and legislative frameworks and principles that form the foundation for environmental health practice. In particular, this unit will detail various legislative tools for the management of public health issues in different settings. The prosecution process and gathering of evidence will be discussed along with a detailed discussion on the environmental health practitioners role under the Public Health Act 2005, Environmental Protection Act 1994 and other related legislation. Major topics covered include: an introduction to law and government, public health law, planning and environmental law, local laws, investigation processes and procedures.
Assumed knowledge: PUN620 is assumed knowledge.
Credit points: 12
Campus: Kelvin Grove
Teaching period: 2010 SEM-1

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
Credit points: 12
Campus: Kelvin Grove
Teaching period: 2010 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  Teaching period: 2010 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  Teaching period: 2010 SEM-1