

Environmental Health

GRADUATE CERTIFICATE IN CHILDREN'S ENVIRONMENTAL HEALTH 310441



The Graduate Certificate in Children's Environmental Health provides a specialist program in understanding children's special vulnerability to environmental exposures and their adverse health outcomes.

Introduction

Children's Environmental Health is an important emerging area of public health. This qualification may provide potential career opportunities that include positions in national and international agencies.

Entry Requirements:

A bachelor degree or equivalent in a field relating to environmental health, medicine or health sciences from a recognised tertiary institution.

Duration and Availability

The course is one semester full-time study or part-time equivalent.

Course Structure

The course consists of 100 credits made up of 4 units. Recognition of prior learning will be assessed on an individual basis and alternative units offered.

Units	Hrs/Wk	Credits
Foundations of Public Health 681	3	25
Environmental Health Management 683	4	25
Introduction to Children's Environmental Health 682	4	25
Environmental Threats to the Health of Children 682	4	25

International Students

Australian residents and international students studying outside Australia have the choice of full-time or part-time study. As this course is only offered online, it may not comply with visa conditions for international students studying within Australia. Please refer to www.international.curtin.edu.au or phone +61 8 9266 7331 for further information.

Unit Content:

013230 Foundations of Public Health 681

Introduction to public health, its origins and development. The measurement of public health. Major public health problems in developed and developing countries. Determinants of public health, ethical public health practice. Regulatory, technical, cognitive, structural and participative interventions of public health, public health strategies, planning, implementation and program evaluation.

308419 Environmental Health Management 683

Human-environment interactions - specifically, environmental factors that influence health (ie, physical, chemical and biological stressors and pollutants that affect the health and wellbeing of individuals and populations). The role of government in environmental health management. Science of environmental health, hazards and pollutants. Air pollution, water, and waste management. Industrial pollution management. Noise, built environments, indoor air and global climate issues.

310442 Introduction to Children's Environmental Health 682

Introduction to children's environmental health including the importance of environmental exposures and global burden of disease in children; major environmental threats to children; unique biological characteristics of children; developmental stage specific susceptibilities; exposure assessment in children.

310443 Environmental Threats to the Health of Children 682

Specific exposures and effects in children including air pollution, air toxics, bioaerosols, persistent toxic substances, and heavy metals. The important role of exposure to poor quality water, poor sanitation and hygiene and compounding effects of poverty and malnutrition. Specific adverse health effects in children, caused by environmental exposures, including infectious diseases, respiratory diseases and allergies, childhood cancer, neurobehavioural and developmental disorders, endocrine disorders and reproductive health effects.

Assessment

Continuous assessment includes short online tests, assignments and projects. Units are fully online.

Contact

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