

# Course Outline (Higher Education)

|                         |                                    |
|-------------------------|------------------------------------|
| <b>School:</b>          | School of Health and Life Sciences |
| <b>Course Title:</b>    | ENVIRONMENTAL HEALTH               |
| <b>Course ID:</b>       | ENVGC2757                          |
| <b>Credit Points:</b>   | 15.00                              |
| <b>Prerequisite(s):</b> | Nil                                |
| <b>Co-requisite(s):</b> | Nil                                |
| <b>Exclusion(s):</b>    | Nil                                |
| <b>ASCED:</b>           | 050999                             |

## Description of the Course :

The unit uses an ecological approach to examine the relationship between human health and their environment. Various factors in the physical, chemical, and biological environment are studied from an epidemiological perspective. Case studies introduce students to ways of assessing environmental hazards, and control measures are discussed. Current environmental health issues such as world health, air pollution, and climate change are considered.

**Grade Scheme:** Graded (HD, D, C, etc.)

**Supplementary Assessment:** Yes

Where supplementary assessment is available a student must have failed overall in the course but gained a final mark of 45 per cent or above and submitted all major assessment tasks..

## Learning Outcomes:

On completion of this unit students will be able to:

1. Identify the major environmental factors that influence human health;
2. Demonstrate a basic level of understanding of the mechanisms involved in the spread of diseases within human populations;
3. Demonstrate an awareness of the factors involved in risk assessment and risk communication;
4. Demonstrate an understanding of the epidemiology of infectious diseases and the use of immunisation to control the spread of infections in populations;
5. Demonstrate an understanding of food contamination and the public health measures used to control food quality and investigate food poisoning outbreaks;
6. Describe the common infections caused by waterborne pathogens and water testing and treatment;
7. Describe common physical hazards and their effects on human health and the public health measures designed to protect the public from these hazards;
8. Access and critically analyse sources of scientific information.

## Course Content:

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ENVGC2757 ENVIRONMENTAL HEALTH

**Values and Graduate Attributes:**

**Learning Task and Assessment:**

| Learning Outcomes Assessed               | Learning Tasks                           | Assessment Type                          | Weighting |
|--|--|--|-----------|
| Journal article critique                 | Journal article critique                 | Journal article critique                 | 15%       |
| Internet research assessment             | Internet research assessment             | Internet research assessment             | 10%       |
| Written assignment<br>(2000-3000 words)  | Written assignment<br>(2000-3000 words)  | Written assignment<br>(2000-3000 words)  | 15%       |
| End-of-semester examination<br>(3 hours) | End-of-semester examination<br>(3 hours) | End-of-semester examination<br>(3 hours) | 60%       |

**Adopted Reference Style:**