

# ENVL 1006 ENVIRONMENTAL HEALTH ISSUES AND SOLUTIONS

**Credit Points** 10

**Coordinator** Michelle Ryan (<https://directory.westernsydney.edu.au/search/name/Michelle%20Ryan/>)

**Description** This subject explores the interdependent nature of human health and that of the environment, both natural and urban. Concepts explored include 21st Century contaminants, noise, energy and water. Through a combination of case studies and practical field experience, students will develop the skills and knowledge appropriate to develop solutions to a variety of environmental health issues.

**School** Science

**Discipline** Environmental Studies, Not Elsewhere Classified.

**Student Contribution Band** HECS Band 2 10cp

Check your fees via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/fees/](https://www.westernsydney.edu.au/currentstudents/current_students/fees/)) page.

**Level** Undergraduate Level 1 subject

**Equivalent Subjects** PUBH 1002 - Environment and Health  
ENVL 1002 - Environmental Issues and Solutions

## Learning Outcomes

1. Identify and describe a variety of environmental issues
2. Describe a number of emerging environmental issues due to urban development
3. Identify and explain essential characteristics of various environmental issues
4. Monitor, assess and make appropriate recommendations to address environmental noise issues
5. Identify and explain the legal and administrative components of noise.
6. Identify relevant environmental legislation and policy
7. Demonstrate competency in academic writing
8. Research and communicate a case study of an environmental issue
9. Demonstrate critical thinking by identifying solutions to a chosen environmental issue

## Subject Content

1. Introduction into a number of environmental issues
2. Urban development and environment
3. Energy use
4. Water pollution
5. Water security
6. Urban environments and human health
7. 21st Century contaminants
8. Environmental determinants of human health and wellbeing
9. Environmental noise
10. Assessment, regulation and control of environmental noise
11. Environmental health policy, practice and stakeholder responsibilities
12. Real world case studies

## Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Type	Length	Percent	Threshold	Individual/Group Task
Participation	Weekly	20	N	Individual
Quiz	Quiz – 1 hour	20	N	Individual
Report	2,000 words	35	N	Individual
Case Study	1,000 words	25	N	Individual

### Prescribed Texts

- In place of a set text for this subject students will be directed to a broad range of regularly-updated online texts, peer-reviewed articles, government reports and policy documents.

### Teaching Periods

#### Spring (2024)

#### Hawkesbury

#### Hybrid

**Subject Contact** Michelle Ryan (<https://directory.westernsydney.edu.au/search/name/Michelle%20Ryan/>)

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENVL1006\\_24-SPR\\_HW\\_3#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENVL1006_24-SPR_HW_3#subjects))