

# ENVL 1006 ENVIRONMENTAL HEALTH ISSUES AND SOLUTIONS

**Credit Points** 10

**Coordinator** Michelle Ryan ([https://directory.westernsydney.edu.au/search/name/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 HECS Band contribution amount 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

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

## Autumn Hawkesbury Day

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

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENVL1006\\_22-AUT\\_HW\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENVL1006_22-AUT_HW_D#subjects))

## Spring Hawkesbury Composite

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

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENVL1006\\_22-SPR\\_HW\\_C#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENVL1006_22-SPR_HW_C#subjects))