

# ENVL 1002 ENVIRONMENTAL ISSUES AND SOLUTIONS

**Credit Points** 10

**Legacy Code** 301271

**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 a variety of environmental issues with a focus on emerging environmental issues. The relationships between human health and environmental health are explored through a number of case studies. 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 issues. Students enrolled in the Undergraduate Certificate in Environmental Sustainability will not complete the practical field experience component of this subject, as they will be studying online.

**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

## Learning Outcomes

On successful completion of this subject, students should be able to:

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

- Introduction into a number of environmental issues
- Urban development and environment
- Energy use
- Water pollution
- Water security
- Urban environments and human health
- 21st Century contaminants
- Environmental determinants of human health and wellbeing
- Environmental noise
- Assessment, regulation and control of environmental noise
- Environmental health policy, practice and stakeholder responsibilities

-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/<br>Group Task |
|-----------------------------------------------|---------------|---------|-----------|---------------------------|
| Participation: Weekly<br>Online<br>Discussion |               | 20      | N         | Individual                |
| Mid<br>Semester<br>Quiz                       | Quiz – 1 hour | 20      | N         | Individual                |
| Noise Report                                  | 2,000 words   | 35      | N         | Individual                |
| Report: Case<br>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.