

# ENVL 1007 ENVIRONMENTAL HEALTH ISSUES AND SOLUTIONS (WSTC)

**Credit Points** 10

**Coordinator** Anne Bertoldo ([https://directory.westernsydney.edu.au/search/name/Anne Bertoldo/](https://directory.westernsydney.edu.au/search/name/Anne%20Bertoldo/))

**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** ENVL 1003 Environmental Issues and Solutions (WSTC)

ENVL 1006 Environmental Health Issues and Solutions

PUBH 1002 Environment and Health

ENVL 1002 Environmental Issues and Solutions

## Restrictions

Students must be enrolled at The College.

Students enrolled in Extended Diploma course 7122 Diploma in Science Extended – Science, must have passed 40 CPs of preparatory subjects in order to enrol in this subject.

## Learning Outcomes

Identify and describe a variety of environmental issues

1. Describe a number of emerging environmental issues due to urban development
2. Identify and explain the essential characteristics of environmental noise.
3. Monitor, assess and make appropriate recommendations to address environmental noise issues.
4. Identify and explain the legal and administrative components of noise.
5. Identify relevant environmental legislation and policy.
6. Demonstrate competency in academic writing.
7. Research and communicate a case study of an environmental issue
8. 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. Concepts of health, traditional and new public health approaches to population health
12. Environmental health policy, practice and stakeholder responsibilities
13. Real world case studies

## Special Requirements

Essential equipment

Electronic Device to access vUWS.

## 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	Mandatory
Case Study	1000 words	20	N	Individual	N
Quiz	1 hour	10	N	Individual	N
Report	2000 words	30	N	Individual	N
Discourse Analysis	1500 words	40	N	Individual	N

Prescribed Texts

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

Teaching Periods

## Term 3 (2024)

### Nirimba Education Precinct

**On-site**

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

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENVL1007\\_24-T3\\_BL\\_1#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENVL1007_24-T3_BL_1#subjects))

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