

ENVL 1008 SUSTAINABLE AND ETHICAL INDUSTRY PRACTICES (WSTC)

Credit Points 10

Coordinator Ramin Ebadi ([https://directory.westernsydney.edu.au/search/name/Ramin Ebadi/](https://directory.westernsydney.edu.au/search/name/Ramin%20Ebadi/))

Description This subject deals with the local, national, and global sustainability issues concerning human interactions with the natural and built environment. With a focus on UN Sustainable Development Goals, this subject uses case studies in innovation and scientific methodology to provide the practical and theoretical knowledge needed for students to think critically about ethical responsibilities contributing to the sustainable management of natural and built environments. Students will also learn how science and society interact in the management of resources. Using the concept of ecologically sustainable development as a foundation, students will research contemporary industrial problems relating to resource extraction, manufacturing and recycling. Students will communicate their research and make recommendations for improving sustainability.

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/) page.

Level Undergraduate Level 1 subject

Restrictions

Students must be enrolled in an existing Destination College Diploma program listed below:

- 7188 Diploma in Culture, Society and Justice
- 7189 Diploma in Health Science
- 7190 Diploma in Business
- 7191 Diploma in Information and Communication Technologies
- 7192 Diploma in Building Design and Construction
- 7193 Diploma in Engineering Studies
- 7194 Diploma in Creative Industries and Communications
- 7195 Diploma in Arts
- 7196 Diploma in Science
- 7197 Diploma in Education Studies

Learning Outcomes

After successful completion of this subject, students will be able to:

1. Recognise the relevant and required ethical conduct and behaviour within which your chosen profession is practiced.
2. Relate UN Sustainable Development Goals to sustainable and ethical practice in your chosen profession.
3. Explain the requirements for sustainable and healthy design in the natural and built environment.

4. Appreciate Indigenous Australians people's connection to the land and how this relates to the environmentally sustainable use of resources.

5. Identify and apply environmentally and socially sustainable principles to a complex problem.

Subject Content

- UN Sustainable Development Goals & your professional responsibilities
- Socially and environmentally responsible development
- Indigenous Australian people's connection to the land.
- Rehabilitation of Mining areas/Landcare.
- The role of Innovation in finding ethical and sustainable solutions to industry practices from resourcing to recycling.
- Lifecycle analysis
- Adapting industry practices to climate change
- Sustainable and ethical use of water resources
- Case studies in innovation and sustainability in industry
- Twenty first century contaminants & innovative solutions

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
Reflection	500 words	25	N	Individual	N
Portfolio	1000 words	40	N	Individual	N
Viva Voce	10 minutes	35	N	Individual	N

Teaching Periods

Autumn Block 2 (2025)

Campbelltown

On-site

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View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ENVL1008_25-AB2_CA_1#subjects)

Penrith (Kingswood)

On-site

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Spring Block 2 (2025)

Campbelltown

On-site

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Penrith (Kingswood)

On-site

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Summer Block 1 (2025)

Campbelltown

On-site

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