

# ENVL 2006 ENVIRONMENTAL PLANNING AND CLIMATE CHANGE

**Credit Points** 10

**Legacy Code** 301390

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

**Description** This subject is an introduction to environmental planning in local and state government and in particular the role of planning in protecting the natural environment, enhancing population health and/or encouraging sustainable development practices. Students focus on goal-setting for environmental protection and then explore how planning policy can assist with achieving these goals. Current metropolitan planning and strategy is examined using the Metropolitan Strategy for Sydney as the primary case study. The subject scopes environmental planning policies introduced by state, local and Commonwealth governments to adapt to climate induced impacts on the environment and on community health and well being.

**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 2 subject

**Equivalent Subjects** PUBH 3009 - Environmental Planning PUBH 2008 - Environmental Planning Climate Change

**Incompatible Subjects** NATS 2020 - Healthy Built Environments

## Learning Outcomes

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

1. Explain Commonwealth, state and local environmental planning law and policy;
2. Research and set appropriate environmental planning goals for environmental protection and conservation within the built environment context;
3. Describe key elements of building design for energy efficiency, acoustic comfort and water conservation;
4. Outline the main components of the Sydney Metropolitan Plan in relation to the projected environment and human health impacts of climate change;
5. Propose sustainable planning solutions through the application of sustainability policy including BASIX and Part J of the building Code of Australia.

## Subject Content

1. Environmental planning practice in local and state government;
2. Environmental planning to enhance environmental sustainability and population health and address the emergent and projected human health and environmental sustainability impacts of global climate change;

3. Professional competencies relating to planning and climate change as required by graduate employers and as reflected in professional accreditation criteria;
4. Environmental management opportunities provided by legislation and government policy such as:
  - a. Environmental Planning and Assessment Act (under review);
  - b. Applicable State Environmental Planning Policies (SEPPs);
  - c. Metropolitan Strategy for Sydney;
  - d. Relevant regional strategies; and
  - e. climate change policy including sea level rise policy and sustainability policy with reference also given to SEPP (BASIX) and part J of the Building Code of Australia.

## 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
Essay	1 500 words	30	N	Individual
Quiz	up to 30 mins	30	N	Not Known
Report	2000 words	40	N	Individual

Prescribed Texts

- Farrier, D. and P. Stein (Eds) 2011. The environmental law handbook: planning and land use in NSW, 5th edn, Thomson Reuters (Professional) Australia, Rozelle, N.S.W.

Teaching Periods