



ENVS8418

Environmental Planning

Session 2, In person-scheduled-weekday, North Ryde 2024

School of Natural Sciences

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General Information

Unit convenor and teaching staff

Peter Davies

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Credit points

10

Prerequisites

Admission to MEnv or MSc or MEnvEd or MEngMgt or MEnvMgt or MEnvStud or MEnvPlan or MPlan or MSusDev or MWldMgt or MMarScMgt or MSocEntre or GradDipEnv or GradCertEnv or GradCertSusDev or GradDipSusDev or GradCertEnvPlan or MConsBiol or GradDipConsBiol or MEngEnvSafetyEng or MScInnovationEnvSc

Corequisites

Co-badged status

ENV57418

Unit description

This unit focuses on the issues influencing environmental planning and policy in Australia. It examines contemporary policy and practice affecting areas such as strategic land, biodiversity, water, mining and transport planning. There is a strong emphasis on the development and enhancement of critical analysis and constructive review of plans and policies and the development of practical skills used and required by professionals working in the field of environmental management and planning. The unit includes a field trip where students will learn and apply a range of techniques that are used to develop urban policies and plans.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at <https://www.mq.edu.au/study/calendar-of-dates>

Learning Outcomes

On successful completion of this unit, you will be able to:

ULO1: critically assess environmental theory, plans and policies across multiple scales and jurisdictions

ULO2: apply environmental and planning law and policy and planning skills to the decision-making process of government and industry

ULO3: identify and critically evaluate the interests, roles and responsibilities of stakeholders involved in environmental planning decisions

ULO4: demonstrate individual and group-based skills in research and writing for different target audiences

Assessment Tasks

Name	Weighting	Hurdle	Due
Reflection	20%	No	2024-08-20
Group assignment	30%	No	2024-10-08
Quiz	10%	No	2024-10-23
Briefing report	40%	No	2024-10-30

Reflection

Assessment Type ¹: Reflective Writing

Indicative Time on Task ²: 10 hours

Due: **2024-08-20**

Weighting: **20%**

Reflective report focusing on the content and learning outcomes of the first module and how this will inform the future assessment tasks

On successful completion you will be able to:

- critically assess environmental theory, plans and policies across multiple scales and jurisdictions
- apply environmental and planning law and policy and planning skills to the decision-making process of government and industry
- identify and critically evaluate the interests, roles and responsibilities of stakeholders involved in environmental planning decisions

Group assignment

Assessment Type ¹: Practice-based task

Indicative Time on Task ²: 25 hours

Due: **2024-10-08**

Weighting: **30%**

Prepare as a small group project a report or strategy based on an authentic task and write a personal reflection on the process.

On successful completion you will be able to:

- critically assess environmental theory, plans and policies across multiple scales and jurisdictions
- apply environmental and planning law and policy and planning skills to the decision-making process of government and industry
- identify and critically evaluate the interests, roles and responsibilities of stakeholders involved in environmental planning decisions
- demonstrate individual and group-based skills in research and writing for different target audiences

Quiz

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 10 hours

Due: **2024-10-23**

Weighting: **10%**

Multiple-choice quizzes and/or skills assessment done during class.

On successful completion you will be able to:

- critically assess environmental theory, plans and policies across multiple scales and jurisdictions
- apply environmental and planning law and policy and planning skills to the decision-making process of government and industry

Briefing report

Assessment Type ¹: Report

Indicative Time on Task ²: 25 hours

Due: **2024-10-30**

Weighting: **40%**

Write a briefing report for a government agency on a topical environmental policy or planning

issue.

On successful completion you will be able to:

- critically assess environmental theory, plans and policies across multiple scales and jurisdictions
- apply environmental and planning law and policy and planning skills to the decision-making process of government and industry
- identify and critically evaluate the interests, roles and responsibilities of stakeholders involved in environmental planning decisions
- demonstrate individual and group-based skills in research and writing for different target audiences

¹ If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- the [Writing Centre](#) for academic skills support.

² Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

Weekly lectures and tutorial workshops

The unit is delivered in face mode. The content is based on a 3-hour weekly lecture program inclusive of class discussion and workshop activities. Supporting this content, students must complete core reading/s or other activities (e.g. listen to podcasts or watch videos) identified on the iLearn site.

Field trip

There is a field trip mid-semester to offer interactive and authentic learning linked to the unit's content and assessment tasks.

This scheduled for **14th September**, 2024. This will be a full day and will be based within the Sydney area and accessible by public transport.

An exemption for attendance may be granted to students however this requires prior approval. Applications for exemptions are to be made prior to 30 August via the [Special Considerations](#) portal on the Student website.

Teaching

The teaching process includes:

- Background reading or view of other materials by students
- Lectures and short presentations to introduce and expand on concepts, theories and practice. These will be delivered by academics and guest presentations by environmental planning professionals
- Practical workshop sessions to provide opportunities for experiential learning on tasks and through discussion with other class members (preparation is essential)
- Student presentations of tasks to be either prepared in advance or given as part of a summary of your tutorial discussions
- Talks from guest lecturers that convey the practice of environmental planning and its challenges and opportunities
- A field trip to appreciate the practical, technical and socio-political aspects of environmental planning
- Assignments that require students to apply their theoretical understanding to practice
- Assignments provide opportunities for presenting in different formats, working with people of different skills and cultural perspectives.

Students are expected to:

- Actively participate in workshop activities in small groups
- Read set readings or review other materials as set in advance of classes

Follow current developments concerning environmental planning locally and internationally.

Unit Schedule

Wk	Date	Lecture topic	Workshop exercise	Assessment Task
Part A Legal and policy foundations for environmental and land use planning				
1	24 July	Lecture 1 Introduction to environmental planning (Peter Davies)	Overview of course and assessments Reflection presentation and exercise	
2	31 July	Lecture 2 Environmental planning instruments (Peter Davies)	Environmental conservation zoning and policy	
3	7 Aug	Lecture 3 Sustainability within local and regional land use planning (Peter Davies)	How sustainability is defined as a planning concept	
4	14 Aug	Lecture 4 Strategic planning to Environmental Impact Assessment (Peter Davies)	Understanding the Review of Environmental Factors process (linked to group assessment)	

5	21 Aug	Lecture 5 Sea level rise protection and policy (Katherine Dafforn)	Coastal management	Assessment 1: Due 20th August (20%)
Part B Environmental planning in practice				
6	28 Aug	Lecture 6 Urban density and housing controls (Peter Davies)	Local planning controls	
7	4 Sept	Lecture 7 Biodiversity planning (Peter Davies)	Achieving net zero biodiversity loss	
8	11 Sep	Lecture 8 Environmental planning for National Parks (Katherine Dafforn)	Unpacking Plans of Management	
	14 Sept	Field trip Meadowbank / Parramatta River (Peter Davies and Katherine Dafforn)		
Mid semester break				
9	2 Oct	Lecture 9 Regional environmental water management (Katherine Dafforn)	Water planning in the Murray Darling Basin	
10	9 Oct	Lecture 10 Integrated urban water management (Peter Davies)	Local strategic planning and community strategic planning processes	Assessment 2: Due 6 October (30%)
11	16 Oct	Lecture 11 Planning for bushfire protection (Peter Davies)	Asset protection zones	
12	23 Oct	Lecture 12 Mining and the environment (Peter Davies)	Rehabilitation planning and mine closure In class quiz	Assessment 3: In-class quiz (10%)
13	30 Oct	No class in lieu of fieldtrip		Assessment 4: Due 30th October (40%)

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://policies.mq.edu.au\)](https://policies.mq.edu.au). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- [Academic Appeals Policy](#)
- [Academic Integrity Policy](#)
- [Academic Progression Policy](#)
- [Assessment Policy](#)
- [Fitness to Practice Procedure](#)

- [Assessment Procedure](#)
- [Complaints Resolution Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#)

Students seeking more policy resources can visit [Student Policies](https://students.mq.edu.au/support/study/policies) (<https://students.mq.edu.au/support/study/policies>). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

To find other policies relating to Teaching and Learning, visit [Policy Central](https://policies.mq.edu.au) (<https://policies.mq.edu.au>) and use the [search tool](#).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/admin/other-resources/student-conduct>

Results

Results published on platform other than [eStudent](#), (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in [eStudent](#). For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Academic Integrity

At Macquarie, we believe [academic integrity](#) – honesty, respect, trust, responsibility, fairness and courage – is at the core of learning, teaching and research. We recognise that meeting the expectations required to complete your assessments can be challenging. So, we offer you a range of resources and services to help you reach your potential, including free [online writing and maths support](#), [academic skills development](#) and [wellbeing consultations](#).

Student Support

Macquarie University provides a range of support services for students. For details, visit <http://students.mq.edu.au/support/>

The Writing Centre

[The Writing Centre](#) provides resources to develop your English language proficiency, academic writing, and communication skills.

- [Workshops](#)
- [Chat with a WriteWISE peer writing leader](#)
- [Access StudyWISE](#)
- [Upload an assignment to Studiosity](#)
- [Complete the Academic Integrity Module](#)

The Library provides online and face to face support to help you find and use relevant information resources.

- [Subject and Research Guides](#)
- [Ask a Librarian](#)

Student Services and Support

Macquarie University offers a range of [Student Support Services](#) including:

- [IT Support](#)
- [Accessibility and disability support](#) with study
- Mental health [support](#)
- [Safety support](#) to respond to bullying, harassment, sexual harassment and sexual assault
- [Social support including information about finances, tenancy and legal issues](#)
- [Student Advocacy](#) provides independent advice on MQ policies, procedures, and processes

Student Enquiries

Got a question? Ask us via [AskMQ](#), or contact [Service Connect](#).

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

When using the University's IT, you must adhere to the [Acceptable Use of IT Resources Policy](#). The policy applies to all who connect to the MQ network including students.

Unit information based on version 2024.01R of the [Handbook](#)