

# **ENV 200**

# **Environment and Sustainability**

S2 Day 2015

Department of Geography and Planning

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#### Disclaimer

Macquarie University has taken all reasonable measures to ensure the information in this publication is accurate and up-to-date. However, the information may change or become out-dated as a result of change in University policies, procedures or rules. The University reserves the right to make changes to any information in this publication without notice. Users of this publication are advised to check the website version of this publication [or the relevant faculty or department] before acting on any information in this publication.

# **General Information**

Unit convenor and teaching staff

Unit Convenor

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Credit points

Prerequisites

12cp

Corequisites

Co-badged status

ENVG604 - Special Topic in Environment C: Environment and Sustainability

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#### Unit description

With an emphasis on the Australasian region, this is an exciting interdisciplinary unit exploring humankind's attitudes to, relationships with and impacts on the environment. It is designed to be self-contained, for students from a range of backgrounds, including those without a scientific background. The concepts of environment and sustainability, together with their conflicting priorities are discussed along with the difficulties of incorporating them into the current socio-political and economic systems. The major physical and biophysical systems of environments are explained in relation to current issues including population pressure, energy use, land degradation, climate change, water resources, transport and urban living. The current planning frameworks and management processes, including the legal and legislative mechanisms are also considered, with suggested strategies to alleviate existing and predicted problems. The role of sustainable development in managing environmental issues and the role of planning for a more sustainable future are explored. Students are engaged in learning through guest lecturers who are experts in their field, and through role plays, interactive case study examples and active communication in tutorials.

# Important Academic Dates

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

# **Learning Outcomes**

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

Understand the mutually shaping forces of socities and ecologies in producing environmental dilemas

Understand some of the main historical and contemporary contexts of environmental issues in Australia and their connection to global events and perspectives

Identify, and critically examine, key environmental issues

Be prepared and able to respond to diverse perspectives and approaches to environments, conservation and sustainability

Understand and evaluate advanced concepts and academic texts

Assess, sort and synthesise information in oral presentations, small group discussions and written work

# **General Assessment Information**

#### SUBMISSION REQUIREMENTS

All assignments are to be submitted via Turnitin, the university online submission and marking system - found as a link in iLearn. Turnitin includes Grademark, a paperless grading system

where your assignments are marked by staff online. Submissions are also checked for plagiarism by Turnitin. Turnitin automatically compares your work to the work of your classmates, previous students and material available on the internet. Hard copies of assignments are no longer accepted and will not be marked.

For more information on Turnitin and Grademark:

http://mq.edu.au/iLearn/student\_info/assignments.htm

#### **DEADLINES, EXTENSIONS AND PENALTIES**

Deadlines set for assignment submissions will not be altered except in exceptional circumstances. In all cases, extensions must be applied for before the due date and must be supported with appropriate documentation (medical certificate, counsellor's certificate, statutory declaration). Where an unavoidable disruption warrants an extension, you may also wish to consider applying for Disruption to Studies. Requests for disruption to studies are submitted via ask.mq.edu.au. Instructions on how to submit your disruption to studies request can be found here: http://ask.mq.edu.au/kb.php?record=ce7c4e38-4f82-c4d7-95b1-4e2ee8fd075f

Extensions will not be granted in cases of poor time management. Only the Unit Convenor can authorise extensions. Late submissions will not be accepted once marked assignments have been returned unless otherwise approved by the Unit Convenor.

Late assignments will incur a late penalty of 10% of the total mark per day. Weekends will be counted as 2 days. Students who fail to complete and submit ALL assignments and sit exams for the Unit WILL FAIL THE UNIT (i.e. all assessment tasks must be completed as a minimum prerequisite to pass the Unit). Penalties will also be incurred for plagiarism, that is, the use of another persons' work and presentation as your own (see University Policies and http://www.mg.edu.au/policy/docs/academic honesty/policy.html).

#### **GRADING**

Each assignment will be marked, commented upon and returned to you via Turnitin and Grademark. Grading is conducted in line with the universities grading policy (http://www.mq.edu.au/policy/docs/grading/policy.html)

# **Assessment Tasks**

Name	Weighting	Due
Tutorial Participation	10%	Weeks 2 - 12 tutorial sessions
Essay	35%	5pm, 10 September 2015
Oral Presentation	15%	Weeks 11-13 tutorial sessions
Final Exam	40%	TBA

# **Tutorial Participation**

Due: Weeks 2 - 12 tutorial sessions

Weighting: 10%

Task: Attend all tutorials, read the assigned readings and present one of them if requested

Attendance will be recorded for all tutorial sessions. If you attend less than 80% of the tutorial sessions marks will be deducted. For each week's tutorial you need to read the two assigned readings, which are the basis of group discussions and other tutorial activities. These will be posted on the Unit's iLean site. Be prepared to present each of them to the class if called on by the tutor. In each week's tutorial, two people will be selected randomly to present a brief (5 minute) summary of one of the assigned readings and to facilitate a class discussion. You will not be allowed to use Microsoft Powerpoint or any other electronic presentation tools but you will be allowed to use the whiteboard if you wish. Your performance will be assessed using a simple marking sheet that indicates the strength of your contributions.

Tutorial participation includes listening to your classmates' presentations in tutorial sessions in weeks 11-13 and asking them questions about their presentation.

On successful completion you will be able to:

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- · Identify, and critically examine, key environmental issues
- Be prepared and able to respond to diverse perspectives and approaches to environments, conservation and sustainability
- Understand and evaluate advanced concepts and academic texts
- Assess, sort and synthesise information in oral presentations, small group discussions and written work

### Essay

Due: 5pm, 10 September 2015

Weighting: 35%

Word length: **2,500** (excluding references)

A small selection of essay topics will be posted on iLearn in the first two (2) weeks of the semester.

Essays must be written in light of the Assessment Standards. Further information on presentation of written assignments and hints on essay preparation will be provided on the unit's

iLearn site.

Late essays attract a penalty of 10% per day. After five (5) days, the piece of work will be assessed only on the basis of Pass or Fail; no marks will be allocated to it. Please note that all assessment items must be completed in order to pass the Unit.

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#### Oral Presentation

Due: Weeks 11-13 tutorial sessions

Weighting: 15%

Length of presentation: 5-7mins

This is a reflective task. Choose an experience from your own life and relate it to key concepts from the tutorial readings. You must engage with at least three readings in depth. Present your reflection (which MUST include analysis) to your tutorial group. Presentations will be held in tutorials in weeks 11-13.

You can choose to focus on any experience but it must be relevant to the themes of the unit and illuminate the concepts and readings you discuss. Experiences might focus on, for instance:

- An encounter (for example, with an animal)
- A place (for example, a particular spot on the harbour)
- A conversation (for example, that made you think differently)
- An item or object (for example, a water bottle)

You will be assessed on your ability to summarise concepts and readings and to relate these to your chosen experience. Your mark will also reflect your capacity to answer questions following you presentation. These will relate to the content of your presentation and include one question from the tutor and one to two questions from your classmates.

You presentation must:

- be clear and concise
- · be reflective
- · relate to an experience from your own life
- engage with key concepts from the tutorial readings (three readings in depth)

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#### Final Exam

Due: TBA

Weighting: 40%

The final exam will comprise short answer questions and essays. In the past the exam has comprised 15 short answer questions + 2 essays and 2 hours is set aside for it. The composition for the 2015 exam will be similar.

The date, time and venue for this exam will be determined by the University's examination timetable but will be held in the examination period.

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# **Delivery and Resources**

#### **Technology**

ENV200 has a website which is accessible via www.mq.edu.au/iLearn. Here you can get access to unit materials, copies of lecture slides, notices and a general discussion place to pose questions to staff.

Students are not required to acquire any technology for this unit but are expected to access the iLearn site and to use computers to produce their assignments.

#### Lecture

Lecture 14:00 16:00 Wednesday W5A P.G. Price Theatre

#### **Tutorials**

Please see the university timetable for tutorial times and locations

### **Unit Schedule**

Week	Date	Lecture Schedule (subject to change)	Tutorial	Assessments
1	29 July	Welcome (EO)  1. Environment and Society (EO)  2. Sustainability: an introduction to the concept (FM)	No tutorials	
	Commodities palisation			
2	5 July	Attitudes to the environment (guest lecture: Assoc. Prof. Andrew McGregor)  4 Resources and 'resourcification' (EO)	Values and resources	
3	12 Aug	5. Water, crisis and sustainability I (FM) 6. Water, crisis and sustainability II (FM)	Water and cities	
4	19 Aug	7. Circulations I (EO)  8. Circulations II (EO)	Power and movement	
5	26 Aug	9. Circulations II (EO)	Politics and production	
		10. Place and production (EO)		

Part 2: movem values	nents and			
6	2 Sept	11. Introduced species in Australian history (guest lecture: Dr. Peter Hobbins)	Protection and eradication	
		12. Species protection (EO)		
7	9 Sept	<ul><li>13. Protected areas (EO)</li><li>14. Conservation, biodiversity and international agreements (EO)</li></ul>	No tutorials	Essay due (35%): 5pm, Thursday 10 September
Mid-ses	ssion break: 12	September to 27 September		
8	30 Sept	15. Nature, disasters and society I (FM)	Nature and disaster	
		16. Nature, disasters and society II (FM)		
9	7 Oct	17. Equity and climate change I (FM)	Equity, justice and climate change	
		18. Equity and climate change II (FM)		
Part 3: pathwa sustain				
10	14 Oct	19. Carbon and governments (guest lecture: Prof. Robyn Dowling, Head of the Department of Geography and Planning)	No tutorials	
		20. Alternative economies (EO)		
11	21 Oct	21. Water and society (guest lecture: Marilu Zurita)	Student presentations	Oral presentation (15%): weeks 11-13

13	4 Nov	25. Future studies (EO) 26. Synthesis (EO)	Student presentations	Final exam (40%)— In exam period
		26. 39.111333 (23)		

EO – Dr Emily O'Gorman; FM – Dr Fiona Miller

# **Learning and Teaching Activities**

# Alignment with objectives

The overall Unit Objectives are: 1. to provide an overview of the influences, factors and perspectives that have to be considered in relation to environment and sustainability; 2. to describe major environmental issues, discuss causes and possible future pathways. The lectures are supplemented by a series of participatory small-group tutorials – tutorial topics are coordinated and allied to the lecture subjects for that week. In addition, a 2500 word essay (on one of several set subjects) is due in the week before the mid-session break. Key background theory is assessed by a short answer exam. The four types of progressive assessment are designed to spread the demands and to give all students flexibility and a fair opportunity to demonstrate knowledge and competence, while permitting benefit from particular interests or skills.

# **Policies and Procedures**

Macquarie University policies and procedures are accessible from Policy Central. Students should be aware of the following policies in particular with regard to Learning and Teaching:

Academic Honesty Policy http://mq.edu.au/policy/docs/academic\_honesty/policy.html

Assessment Policy http://mq.edu.au/policy/docs/assessment/policy.html

Grading Policy http://mq.edu.au/policy/docs/grading/policy.html

Grade Appeal Policy http://mq.edu.au/policy/docs/gradeappeal/policy.html

Grievance Management Policy http://mq.edu.au/policy/docs/grievance\_management/policy.html

Disruption to Studies Policy <a href="http://www.mq.edu.au/policy/docs/disruption\_studies/policy.html">http://www.mq.edu.au/policy/docs/disruption\_studies/policy.html</a> The Disruption to Studies Policy is effective from March 3 2014 and replaces the Special Consideration Policy.

In addition, a number of other policies can be found in the <u>Learning and Teaching Category</u> of Policy Central.

#### **Student Code of Conduct**

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: https://students.mq.edu.au/support/student\_conduct/

#### Results

Results shown in *iLearn*, 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 <a href="extraction-color: blue} eStudent</a>. For more information visit <a href="extraction-color: blue} ask.m</a> <a href="eq.edu.au">q.edu.au</a>.

# Student Support

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

### Learning Skills

Learning Skills (mq.edu.au/learningskills) provides academic writing resources and study strategies to improve your marks and take control of your study.

- Workshops
- StudyWise
- · Academic Integrity Module for Students
- Ask a Learning Adviser

# Student Services and Support

Students with a disability are encouraged to contact the <u>Disability Service</u> who can provide appropriate help with any issues that arise during their studies.

# Student Enquiries

For all student enquiries, visit Student Connect at ask.mq.edu.au

### IT Help

For help with University computer systems and technology, visit <a href="http://informatics.mq.edu.au/hel">http://informatics.mq.edu.au/hel</a>
p/.

When using the University's IT, you must adhere to the <u>Acceptable Use Policy</u>. The policy applies to all who connect to the MQ network including students.

# **Graduate Capabilities**

#### Creative and Innovative

Our graduates will also be capable of creative thinking and of creating knowledge. They will be imaginative and open to experience and capable of innovation at work and in the community. We want them to be engaged in applying their critical, creative thinking.

This graduate capability is supported by:

### Learning outcomes

- Understand the mutually shaping forces of socities and ecologies in producing environmental dilemas
- · Identify, and critically examine, key environmental issues
- Assess, sort and synthesise information in oral presentations, small group discussions and written work

#### Assessment tasks

- · Tutorial Participation
- Essay
- · Oral Presentation
- Final Exam

### Learning and teaching activities

• The overall Unit Objectives are: 1. to provide an overview of the influences, factors and perspectives that have to be considered in relation to environment and sustainability; 2. to describe major environmental issues, discuss causes and possible future pathways. The lectures are supplemented by a series of participatory small-group tutorials – tutorial topics are co-ordinated and allied to the lecture subjects for that week. In addition, a 2500 word essay (on one of several set subjects) is due in the week before the midsession break. Key background theory is assessed by a short answer exam. The four types of progressive assessment are designed to spread the demands and to give all students flexibility and a fair opportunity to demonstrate knowledge and competence, while permitting benefit from particular interests or skills.

# Capable of Professional and Personal Judgement and Initiative

We want our graduates to have emotional intelligence and sound interpersonal skills and to demonstrate discernment and common sense in their professional and personal judgement. They will exercise initiative as needed. They will be capable of risk assessment, and be able to handle ambiguity and complexity, enabling them to be adaptable in diverse and changing environments.

This graduate capability is supported by:

# Learning outcome

 Assess, sort and synthesise information in oral presentations, small group discussions and written work

#### Assessment tasks

- Tutorial Participation
- Essay
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- Final Exam

### Learning and teaching activities

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# Commitment to Continuous Learning

Our graduates will have enquiring minds and a literate curiosity which will lead them to pursue knowledge for its own sake. They will continue to pursue learning in their careers and as they participate in the world. They will be capable of reflecting on their experiences and relationships with others and the environment, learning from them, and growing - personally, professionally and socially.

This graduate capability is supported by:

# Learning outcomes

- Understand the mutually shaping forces of socities and ecologies in producing environmental dilemas
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#### Assessment tasks

Tutorial Participation

· Oral Presentation

### Learning and teaching activities

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# Discipline Specific Knowledge and Skills

Our graduates will take with them the intellectual development, depth and breadth of knowledge, scholarly understanding, and specific subject content in their chosen fields to make them competent and confident in their subject or profession. They will be able to demonstrate, where relevant, professional technical competence and meet professional standards. They will be able to articulate the structure of knowledge of their discipline, be able to adapt discipline-specific knowledge to novel situations, and be able to contribute from their discipline to inter-disciplinary solutions to problems.

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#### Assessment tasks

Tutorial Participation

- Essay
- · Oral Presentation
- Final Exam

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# Critical, Analytical and Integrative Thinking

We want our graduates to be capable of reasoning, questioning and analysing, and to integrate and synthesise learning and knowledge from a range of sources and environments; to be able to critique constraints, assumptions and limitations; to be able to think independently and systemically in relation to scholarly activity, in the workplace, and in the world. We want them to have a level of scientific and information technology literacy.

This graduate capability is supported by:

# **Learning outcomes**

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#### **Assessment tasks**

Tutorial Participation

- Essay
- · Oral Presentation
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# Problem Solving and Research Capability

Our graduates should be capable of researching; of analysing, and interpreting and assessing data and information in various forms; of drawing connections across fields of knowledge; and they should be able to relate their knowledge to complex situations at work or in the world, in order to diagnose and solve problems. We want them to have the confidence to take the initiative in doing so, within an awareness of their own limitations.

This graduate capability is supported by:

# **Learning outcomes**

- · Identify, and critically examine, key environmental issues
- Be prepared and able to respond to diverse perspectives and approaches to environments, conservation and sustainability
- Understand and evaluate advanced concepts and academic texts
- Assess, sort and synthesise information in oral presentations, small group discussions and written work

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perspectives that have to be considered in relation to environment and sustainability; 2. to describe major environmental issues, discuss causes and possible future pathways. The lectures are supplemented by a series of participatory small-group tutorials – tutorial topics are co-ordinated and allied to the lecture subjects for that week. In addition, a 2500 word essay (on one of several set subjects) is due in the week before the midsession break. Key background theory is assessed by a short answer exam. The four types of progressive assessment are designed to spread the demands and to give all students flexibility and a fair opportunity to demonstrate knowledge and competence, while permitting benefit from particular interests or skills.

#### **Effective Communication**

We want to develop in our students the ability to communicate and convey their views in forms effective with different audiences. We want our graduates to take with them the capability to read, listen, question, gather and evaluate information resources in a variety of formats, assess, write clearly, speak effectively, and to use visual communication and communication technologies as appropriate.

This graduate capability is supported by:

### Learning outcome

 Assess, sort and synthesise information in oral presentations, small group discussions and written work

#### Assessment tasks

- Tutorial Participation
- Essay
- · Oral Presentation
- Final Exam

### Learning and teaching activities

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while permitting benefit from particular interests or skills.

# Engaged and Ethical Local and Global citizens

As local citizens our graduates will be aware of indigenous perspectives and of the nation's historical context. They will be engaged with the challenges of contemporary society and with knowledge and ideas. We want our graduates to have respect for diversity, to be open-minded, sensitive to others and inclusive, and to be open to other cultures and perspectives: they should have a level of cultural literacy. Our graduates should be aware of disadvantage and social justice, and be willing to participate to help create a wiser and better society.

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# Socially and Environmentally Active and Responsible

We want our graduates to be aware of and have respect for self and others; to be able to work with others as a leader and a team player; to have a sense of connectedness with others and country; and to have a sense of mutual obligation. Our graduates should be informed and active participants in moving society towards sustainability.

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#### Learning outcomes

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#### Assessment tasks

- Tutorial Participation
- Essay
- Oral Presentation

### Learning and teaching activities

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# **Changes from Previous Offering**

Many apologies for any inconvenience caused by changes to this Unit. Due to staffing changes, lecture content has altered. Tutorial topics and readings have been updated. The following changes have been made to assessment items in order to offer a greater variety of skills and to cater for diverse ways of learning:

Weekly tutorial summaries have been replace by a tutorial participation mark (10%) and oral presentation (15%)

Instead of one essay and two exams there is one essay (35%) and one exam (40%).

The learning outcomes have been altered to reflect changes in content and assessment.