ENVS1018

Environmental Management for a Changing World

Session 2, Special circumstance 2020

Department of Earth and Environmental Sciences

Contents

Notice

As part of Phase 3 of our return to campus plan, most units will now run tutorials, seminars and other small group learning activities on campus for the second half-year, while keeping an online version available for those students unable to return or those who choose to continue their studies online.

To check the availability of face-to-face and online activities for your unit, please go to timetable viewer. To check detailed information on unit assessments visit your unit's iLearn space or consult your unit convenor.

General Information

Unit convenor and teaching staff
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Credit points
10

Prerequisites

Corequisites

Co-badged status

Unit description
This unit explores human interactions with the environment through the lens of sustainability and connectivity; concepts that are central to environmental management in our ever-changing world. It will help students to understand their environment from social and scientific viewpoints and will demonstrate how an interdisciplinary approach to environmental management is integral to human and ecosystem health. Current, real-world examples from terrestrial and marine ecosystems, social systems, atmospheric and climate systems, and their dynamic interplay encourage critical thinking about environmental management issues in Australia and globally. This unit is designed for students who care about the environment and the world's future and will lay firm foundations for a range of environmental and geographical studies.

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: Define the core concepts of environmental management, including society, environment, sustainability and connectivity.

ULO2: Describe examples of the ways that population, environment and resources interact to affect human societies and ecosystems, from local to global scales.

ULO3: Utilise maps, graphs and other forms of environmental and social data to analyse the key relationships in environmental and human systems.

ULO4: Critically review information relating to environmental management issues and communicate the results to a target audience.

ULO5: Demonstrate foundational learning skills including active engagement in the learning process.

General Assessment Information

Assessment Criteria

Assessment at Macquarie University is standards-based, as outlined in the Assessment Policy. This means that your work will be assessed against clear criteria, and these criteria (e.g. in a rubric) will be made available when the assessment tasks are released to you on iLearn.

Hurdle Requirements

A hurdle requirement is an activity for which a minimum level of performance or participation is a condition of passing the unit (see the Assessment Policy). Failure to meet the hurdle requirement will result in failure of the unit.

In this unit, the hurdle requirement is **weekly tutorial worksheets.**

Submission of Assessments

All assessments must be submitted online through Turnitin unless otherwise indicated. Links for the submission of each assessment will be available on iLearn.

You should always check that you have uploaded the correct file. If you have a problem, please email the Unit Convenor with your correct file. You must also keep a copy of your assessments until the end of semester in case there is a problem with your submission. It is your responsibility to ensure that you can provide a copy of your assessment if requested.

Marking of Assessments

Assignments will usually be marked through Turnitin with grades provided through Gradebook on iLearn. Please do not submit your assessments via email or in hard copy unless requested (e.g. a sketch or drawing).

We aim to return your assessment grades and feedback within three weeks of the date that you submitted it. We appreciate your patience and will advise you through iLearn when your marked assessments and feedback are available for viewing.

Penalties for Late Assessments

The penalty for late submission of assessments in this unit is ***ten percent (10%) of the assessment value per day***, calculated from the due time and date. This means that if the assignment is worth a total of 30 marks (or 30% of the unit) you will lose 3 marks for each day it is late. This is a hefty penalty designed to make you aware of the importance of organising yourself around assessment due dates. The penalty will be applied over weekdays and weekends unless you have been granted an extension prior to the due date.

Extensions for Assessments

To obtain an extension for an assessment task, you will need to follow the formal process as outlined in the Special Consideration Policy, and you must provide appropriate supporting evidence (e.g. medical certificate - see advice for Special Consideration requests). The final decision regarding the granting of an extension lies with the unit convenor. Permission for extensions must be sought ***before the due date*** unless there are exceptional circumstances. Please let us know of problems in advance or as soon as possible, not after the event. We are likely to be much more sympathetic and able to accommodate your circumstance if you follow this advice.

There is no exam in this unit

Assessment Tasks

Name	Weighting	Hurdle	Due
Weekly tutorials	0%	Yes	Weekly
Online quiz	15%	No	Week 4, 8, 12
Data analysis	30%	No	Week 6
Podcast	25%	No	Week 9
Poster	30%	No	Week 13

Weekly tutorials

Assessment Type [1]: Participatory task
Indicative Time on Task [2]: 20 hours
Due: **Weekly**
Weighting: **0%**
This is a hurdle assessment task (see assessment policy for more information on hurdle assessment tasks)

Includes completion of the required readings, related summary and worksheet for each weekly tutorial .

On successful completion you will be able to:

- Demonstrate foundational learning skills including active engagement in the learning process.

Online quiz

Assessment Type [1]: Quiz/Test
Indicative Time on Task [2]: 8 hours
Due: **Week 4, 8, 12**
Weighting: **15%**

Online quizzes covering key concepts

On successful completion you will be able to:

- Define the core concepts of environmental management, including society, environment, sustainability and connectivity.
- Critically review information relating to environmental management issues and communicate the results to a target audience.
- Demonstrate foundational learning skills including active engagement in the learning process.

Data analysis

Assessment Type [1]: Quantitative analysis task
Indicative Time on Task [2]: 20 hours
Due: **Week 6**
Weighting: **30%**

Analysis and interpretation of environmental data

On successful completion you will be able to:

- Define the core concepts of environmental management, including society, environment, sustainability and connectivity.
- Describe examples of the ways that population, environment and resources interact to affect human societies and ecosystems, from local to global scales.
- Utilise maps, graphs and other forms of environmental and social data to analyse the key

relationships in environmental and human systems.

- Critically review information relating to environmental management issues and communicate the results to a target audience.

Podcast

Assessment Type [1]: Media presentation
Indicative Time on Task [2]: 15 hours
Due: **Week 9**
Weighting: **25%**

Podcast focusing on current environmental issues

On successful completion you will be able to:

- Define the core concepts of environmental management, including society, environment, sustainability and connectivity.
- Describe examples of the ways that population, environment and resources interact to affect human societies and ecosystems, from local to global scales.
- Utilise maps, graphs and other forms of environmental and social data to analyse the key relationships in environmental and human systems.
- Critically review information relating to environmental management issues and communicate the results to a target audience.

Poster

Assessment Type [1]: Poster
Indicative Time on Task [2]: 20 hours
Due: **Week 13**
Weighting: **30%**

Poster and interpretation on the topic of: Solutions for contemporary environmental crises

On successful completion you will be able to:

- Define the core concepts of environmental management, including society, environment, sustainability and connectivity.
- Describe examples of the ways that population, environment and resources interact to affect human societies and ecosystems, from local to global scales.

- Utilise maps, graphs and other forms of environmental and social data to analyse the key relationships in environmental and human systems.

- Critically review information relating to environmental management issues and communicate the results to a target audience.

[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

Unit iLearn

This unit has an iLearn page that can be accessed through ilearn.mq.edu.au. It contains important information and other materials relating to the unit, including details and links for assessments.

Communication

The unit iLearn is the primary way that we communicate with you. Please check it regularly for announcements and posts. You are encouraged to use the Discussion Board on iLearn to post questions and generate discussion with other students. Please only email the convenor with private matters – all other questions should be posted on iLearn.

Unit Organisation

This unit is delivered around weekly topics**.** The organisation of these is outlined in a detailed unit schedule which is available on iLearn. Students will have the option of engaging with the unit fully online or via live synchronous tutorials or Face to Face tutorials.

Classes

The class timetable for this unit can be found through the Timetable portal. You should also check the unit schedule as some weeks may have other instructions or locations.

Workload

The expected workload for this 10-credit point unit is 150 hours of activity, comprising lectures, tutorial preparation and worksheets, and assessment tasks.

Requirements to complete this unit satisfactorily

To complete this unit satisfactorily, you must:

1. Participate in all scheduled classes;

2. Complete all assessments; and

3. Achieve a pass grade or higher.

The descriptions for grades common to all coursework units offered by Macquarie University are outlined in Schedule 1 of the Assessment Policy.

Recommended Texts and/or Materials

There is no prescribed textbook for ENVS1018. However, these books and reports will provide helpful guidance and we recommended that students look up and make use of these texts in the library or online:

- Hay, I. 2012 *Communicating in geography and the environmental sciences* (Fourth ed.). Melbourne, Vic: Oxford University Press (also available as an e-book).
- Jackson, W.J., Argent, R.M., Bax, N.J., Bui, E., Clark, G.F., Coleman, S., Cresswell, I.D., Emmerson, K.M., Evans, K., Hibberd, M. F. Johnston, E.L. Keywood, M.S., Klekociuk, A., Mackay, R., Metcalfe, D., Murphy, H., Rankin, A., Smith, D.C., and Wiencke, B 2016. *Australia State of the Environment 2016*. Australian Government Department of the Environment and Energy, Canberra. Available online at https://soe.environment.gov.au/
- Rose, D.B. 1996 *Nourishing terrains: Australian Aboriginal views of landscape and wilderness*. Australian Heritage Commission, Canberra. Available online at http://155.187.2.69/heritage/ahc/publications/commission/books/pubs/nourishing-terrains.pdf
- Gibson, K., Rose, D.B. and Fincher, R., 2015. *Manifesto for Living in the Anthropocene*. Punctum books, Brooklyn, NY.

There are a range of readings relevant to the tutorial and lecture program. You will be guided through these via the iLearn site.

Technology Used and Required

This unit will use iLearn and Echo360. See the Instructions on how to log in to iLearn and the iLearn quick guides for students which will help you:

- Getting started - Find out how to navigate and familiarise yourself with the iLearn environment
- Activities - Learn how to effectively complete the activities required of you in iLearn
- Assignments and Gradebook - Find out how to submit assessments and view your grades using iLearn
- Online study tips - Studying online is a unique experience, learn how to navigate it here
- Discussion forums - Explore the different types, and features of discussion forums in iLearn

- Lecture recordings - Find out how to access lectures online, as well as the features available to you

Unit Schedule

Please see iLearn for details

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central (https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central). 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
- Grade Appeal Policy
- Complaint Management Procedure for Students and Members of the Public
- Special Consideration Policy *(**Note:** The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.)*

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

If you would like to see all the policies relevant to Learning and Teaching visit Policy Central (https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/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/study/getting-started/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

Student Support

Macquarie University provides a range of support services for students. For details, visit http://stu

dents.mq.edu.au/support/

Learning Skills

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

- Getting help with your assignment
- Workshops
- StudyWise
- 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

Students with a disability are encouraged to contact the Disability Service 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

If you are a Global MBA student contact globalmba.support@mq.edu.au

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.