ENVS3462

Environmental Management

Session 1, In person-scheduled-weekday, North Ryde 2022

School of Natural Sciences

Contents

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General Information

Unit convenor and teaching staff
Unit convenor, Senior Lecturer
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Email for appointment

Professor
Kirstie Fryirs
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Credit points
10

Prerequisites
130cp at 1000 level or above including (ENV267 or ENVS2467 or ENVS214 or ENVS2115)

Corequisites

Co-badged status

Unit description
This unit provides an advanced understanding of the interdisciplinary links between environmental research, management strategies and policy frameworks that are fundamental to environmental management. We explore significant issues and challenges associated with managing dynamic human-nature systems. The unit includes field visits to sites of environmental and Indigenous cultural importance in the Sydney region. Students will develop skills in GIS, App development, data management, science communication, video-editing, policy assessment, grant writing and professional literacy that are designed to enhance employability.

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:** Identify and explain the key terms, concepts and approaches in environmental management.

ULO2: Evaluate the principal threats to environmental systems and develop appropriate management strategies.

ULO3: Analyse and communicate complex issues in environmental management.

ULO4: Utilise maps, graphs, statistics, images and text to convey information to diverse stakeholders in environmental management.

ULO5: Critically read, think about, interpret and evaluate environmental and social science data and other information relating to environmental policy, planning and legislation.

General Assessment Information

See ENVS3462 iLearn site for details on each Assessment Task.

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.

Submission of Assessments

All Assessments tasks should be conducted (for Assessment 1 quizzes) or submitted (Assessment 2 and 3) through the ENVS3462 iLearn site. Please do not submit your assessments via email or hard copy unless agreed with the convenor.

For more information on submitting assignments go to: https://students.mq.edu.au/support/technology/systems/ilearn/assignments-grades

Marking of Assessments

Assessment grades will be provided through Gradebook on iLearn. We aim to return your assessment grades and feedback within three weeks of the due date. We appreciate your patience and will advise you through iLearn when your marked assessments and feedback are available for viewing.

Penalties for Late Assessments

Online quizzes must be undertaken at the time indicated in the unit guide. Should these activities be missed due to illness or misadventure, students may apply for Special Consideration.

All other assessments must be submitted by 5:00 pm on their due date. Should these assessments be missed due to illness or misadventure, students should apply for Special Consideration.

A penalty will be applied for late submissions that have not been approved by the convenor. The penalty is as follows:

A 12-hour grace period will be given after which the following deductions will be applied to the awarded assessment mark: 12 to 24 hours late = 10% deduction; for each day thereafter, an

additional 10% per day or part thereof will be applied until five days beyond the due date. After this time, a mark of zero (0) will be given. For example, an assessment worth 20% is due 5 pm on 1 January. Student A submits the assessment at 1 pm, 3 January. The assessment received a mark of 15/20. A 20% deduction is then applied to the mark of 15, resulting in the loss of three (3) marks. Student A is then awarded a final mark of 12/20.

Assessment Tasks

Name	Weighting	Hurdle	Due
Video of site biocultural values	40%	No	5pm, Friday 8th April, 2022
Module Quizzes	20%	No	At the end of each module
Grant application	40%	No	5pm Friday 27th May, 2022

Video of site biocultural values

Assessment Type [1]: Media presentation
Indicative Time on Task [2]: 30 hours
Due: **5pm, Friday 8th April, 2022**
Weighting: **40%**

Drawing on practical classes and lectures you are required to produce a 5 minute video on the biocultural values of an environmental management site including GIS maps, data collected using your App and links to relevant Australian legislation and policies.

On successful completion you will be able to:

- Identify and explain the key terms, concepts and approaches in environmental management.
- Evaluate the principal threats to environmental systems and develop appropriate management strategies.
- Analyse and communicate complex issues in environmental management.
- Utilise maps, graphs, statistics, images and text to convey information to diverse stakeholders in environmental management.
- Critically read, think about, interpret and evaluate environmental and social science data and other information relating to environmental policy, planning and legislation.

Module Quizzes

Assessment Type [1]: Quiz/Test
Indicative Time on Task [2]: 10 hours
Due: **At the end of each module**

Weighting: **20%**

For each module students will need to complete a 20 question multiple choice quiz.

On successful completion you will be able to:
- Identify and explain the key terms, concepts and approaches in environmental management.

Grant application

Assessment Type [1]: Professional writing
Indicative Time on Task [2]: 30 hours
Due: **5pm Friday 27th May, 2022**
Weighting: **40%**

This assessment task requires you to use the template provided in class to write an Expression of Interest for a grant application focusing on an environmental monitoring project.

On successful completion you will be able to:
- Identify and explain the key terms, concepts and approaches in environmental management.
- Evaluate the principal threats to environmental systems and develop appropriate management strategies.
- Analyse and communicate complex issues in environmental management.
- Utilise maps, graphs, statistics, images and text to convey information to diverse stakeholders in environmental management.
- Critically read, think about, interpret and evaluate environmental and social science data and other information relating to environmental policy, planning and legislation.

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[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

Off-shore students

Off-shore students **must** email the convenor as soon as possible to discuss study options.

COVID Information and on-campus classes

On-campus teaching continues to be scheduled for Session 1, 2022. Masks are compulsory for all classes in indoor spaces and social distancing will be implemented wherever possible. Students will also be required to sanitise surfaces before and after use.

Students are requested to minimise the risk of spreading COVID to themselves and others in accordance with the university and NSW Health guidelines: https://www.mq.edu.au/about/coronavirus-faqs and https://www.nsw.gov.au/covid-19/stay-safe.

Any further requirements or changes to units in relation to COVID will be communicated to students via iLearn.

Delivery

The timetable for ENVS3462 can be found at: https://timetables.mq.edu.au/. A detailed class schedule outlining the lecture and practical topics is provided below and on ilearn.

Check iLearn regularly for any class schedule updates.

ENVS3462 is taught via lectures, practicals, field trips, readings and assessment tasks. **All ENVS3462 lectures and pracs will be delivered face to face in Session 1, 2022 unless otherwise announced on ilearn.** Lectures will also be recorded via ECHO360.

Students should make use of iLearn to access teaching and learning materials, to submit assignments, to stay in touch with the unit, to contact lecturers, and to discuss issues and concepts with classmates.

Workload

ENVS3462 earns 10 credit points towards your degree. University guidelines state for a 10 credit point unit you are expected to put in around 150 hours in total. This requires planning on your part to do all the work required in lectures, practicals and assignments.

Resources

iLearn The ENVS3462 iLearn page can be found at: https://ilearn.mq.edu.au/login/index.php. Information about how students can access iLearn can be found at:https://students.mq.edu.au/support/technology/systems/ilearn. The iLearn page uses Macquarie University's standard interface and has links, discussion threads and access to lectures (as audio files through Echo360, and as downloadable PDF presentations) and practical material. Important announcements will be made through iLearn, so please check the ENVS3462 page regularly.

Echo360 Information about how to access lecture recordings through the Echo360 EchoCenter page in iLearn can be found at: http://mq.edu.au/iLearn/student_info/lecture_recordings.htm

Turnitin Macquarie University promotes student awareness of information management and information ethics. As well as training and the provision of information, the University tackles the issue of academic honesty through the use of the online program Turnitin. Information about how to submit assignments to Turnitin in iLearn can be found at: https://students.mq.edu.au/support/technology/systems/ilearn/assignments-grades As well as being a key tool for assignment submission, marking and feedback, Turnitin compares your work with the work of your classmates, with previous students from Macquarie and other universities, with material available on the Internet, and with freely available and subscription based electronic journals. The results are sent only to your lecturers who will analyse them in reference to the University's Academic Honesty Policy. You will be able to access the results of the Turnitin academic honesty scan for your own assignments, known as your 'originality report'. In ENVS3462, we will allow you to overwrite the initial submission file with a second submission if you choose to do so, but only up until the final due date and time for the assignment. We consider this opportunity to fine-tune your academic honesty a considerable resource, and we hope that you will use this review process constructively to ensure you are referencing other material correctly and effectively.

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central (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). 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) 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 an d maths support, academic skills development and wellbeing consultations.

Student Support

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