



BIOL7930

Marine Conservation and Management

Session 1, Weekday attendance, North Ryde 2020

Department of Biological Sciences

Contents

<u>General Information</u>	2
<u>Learning Outcomes</u>	2
<u>Assessment Tasks</u>	3
<u>Delivery and Resources</u>	3
<u>Unit Schedule</u>	3
<u>Policies and Procedures</u>	4

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General Information

Unit convenor and teaching staff

Jane Williamson

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Kate Barry

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Credit points

10

Prerequisites

Admission to MRes

Corequisites

Co-badged status

Unit description

Marine ecosystems play a crucial role in global health and functioning, and consist of a complex and dynamic interplay of biological, chemical and physical processes. Once thought to be relative stable in the face of adversity, we now know that most marine systems are fragile and easily disturbed. In this unit we explore how such habitats can be conserved in the face of adversities such as human exploitation, habitat modification and climate change. BIOL7930 takes a problem-solving approach to gain a strong understanding of such issues. Students have first-hand experience in designing and carrying out a research project, which is written in journal format with the ultimate aim of producing a document of publishable quality. Students will also receive advanced skills for presenting key concepts in marine conservation and management via novel assessment items such as giving short presentations, producing an elevator pitch, and writing a 100-word summary. BIOL7930 enhances ecological and marine biological knowledge and skills for students intending to continue with higher degree research. This unit involves a compulsory field trip to Heron Island, Great Barrier Reef, in mid-semester break, Session 1 (separate excursion fee applies).

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: Articulate why marine conservation and management is necessary from a local to global perspective

ULO2: Conceptualise the conflicts between marine conservation, the management of marine resources, and the role of the general community in the process

ULO3: Explain the key processes influencing reef structures, organisms and ecosystems

ULO4: Safely and competently collect marine research data in the field using appropriate methods and teamwork skills

ULO5: Communicate topics of interest in marine conservation and management to academic and non-academic audiences.

ULO6: Design and implement a scientific project, analyse and evaluate the results in the context of relevant scientific literature, and produce a document of publishable standard

Assessment Tasks

Coronavirus (COVID-19) Update

Assessment details are no longer provided here as a result of changes due to the Coronavirus (COVID-19) pandemic.

Students should consult [iLearn](#) for revised unit information.

[Find out more about the Coronavirus \(COVID-19\) and potential impacts on staff and students](#)

Delivery and Resources

Coronavirus (COVID-19) Update

Any references to on-campus delivery below may no longer be relevant due to COVID-19.

Please check here for updated delivery information: https://ask.mq.edu.au/account/pub/display/unit_status

THIS UNIT IS BEING RESTED IN 2020.

Please see the Unit Convenor for more information.

Unit Schedule

Coronavirus (COVID-19) Update

The unit schedule/topics and any references to on-campus delivery below may no longer be relevant due to COVID-19. Please consult [iLearn](#) for latest details, and check here for updated delivery information: https://ask.mq.edu.au/account/pub/display/unit_status

THIS UNIT IS BEING RESTED IN 2020

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central\)](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 \(https://students.mq.edu.au/support/study/student-policy-gateway\)](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 \(https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central\)](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://students.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.