

Marine Conservation and Resource Management 3332ENV - Tri 2 2021 - Gold Coast Campus - Blended

1. General Course Information

1.1 Course Details

Course code	3332ENV
Course title	Marine Conservation and Resource Management
Academic organisation	ESC School of Environment and Science
Trimester	Trimester 2 2021
Mode	Blended
Level	Undergraduate
Location	Gold Coast, On Campus
Credit point value	10

Course Description:

This course asks the 'so what' question of research in Marine Biology; How does it translate into better decisions for sustainable use of marine resources? To do this, it brings together analyses of the need for management of marine biological resources; historical (including traditional) and contemporary approaches to managing and conserving marine environments; modern approaches to quantitative marine protected areas design, including software tools; evaluation of management effectiveness, including stock assessments, recruitment dynamics models, effects of marine protected areas. Prerequisites: 2804ENV Coastal Environments, 2302ENV Marine Animal Diversity or 2303ENV Zoology

Assumed Background:

As a third year course, the curriculum assumes a working background in undergraduate-level marine biology and ecology.

1.2 Course Introduction

This course has been developed in consultation with marine resource and conservation researchers, managers and practitioners. It is designed to give final-year students an insight into the practical issues facing managers in designing, implementing and evaluating marine conservation policies.

Previous Student Feedback

Student feedback from previous years was extremely overwhelmingly positive. Students particularly valued the integrative nature of the course in bringing together different perspectives. They also valued the student delivered content. Improvements were suggested around the timing and quantity of assessments, and these have been addressed for this year.

1.3 Course Staff

Primary Convenor **Dr Tim Stevens**

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Campus	Gold Coast Campus
Building	Science 1 (G24)
Room	4.12

1.4 Timetable

Timetables are available on [the Programs and Courses website](#).

NB: Details contained in this Section of the course profile and Section 4.1 Learning Activities are to be read in conjunction with the official class timetable. The published class timetable which is the authoritative source for timetabling information for all campuses can be located by clicking on the above link.

Additional Timetable Information

1.5 Lecture Capture

It is standard practice at Griffith University that lectures timetabled in lecture capture-enabled venues are recorded and made available to students on the relevant course site, in accordance with the University's [Lecture Capture Policy](#).

The lecture series delivered as part of this course will be recorded and accessible via the Learning@Griffith course site.

2. Aims, Outcomes & Graduate Attributes

2.1 Course Aims

This course is important to enable graduates to apply their knowledge to addressing real-world marine conservation and resource management issues. It aims to give graduates applied understanding of the legal and social context of managing marine environments, and contemporary approaches to formulating and implementing management strategies. It therefore provides the applied end-point for the scientific skills students have acquired throughout their undergraduate degree.

2.2 Learning Outcomes

After successfully completing this course you should be able to:

- 1 Understand the social and legal context of marine conservation and resource management in Australia
- 2 Understand historical (including traditional) and contemporary ecosystem-wide approaches to marine resource management
- 3 Apply your knowledge of marine ecology and biology to the design of marine resource management programs
- 4 Communicate the issues surrounding, and solutions to, a topical marine conservation issue

2.3. Graduate Attributes

For further details on the Griffith Graduate please [click here](#)

Griffith University prepares influential graduates to be:

- [Knowledgeable and skilled, with critical judgement](#)
- [Effective communicators and collaborators](#)
- [Innovative, creative and entrepreneurial](#)
- [Socially responsible and engaged in their communities](#)
- [Culturally capable when working with First Australians](#)
- [Effective in culturally diverse and international environments](#)

This table demonstrates where each of the Griffith Graduate Attributes is taught, practised and assessed in this course.

For further details on the Griffith Graduate Attributes please refer to [The Griffith Graduate policy](#).

University wide attributes

Graduate Attribute	Taught	Practised	Assessed
Knowledgeable and skilled, with critical judgement	•	•	•
Effective communicators and collaborators		•	•
Socially responsible and engaged in their communities		•	•
Effective in culturally diverse and international environments	•	•	

3. Learning Resources

3.1 Required Resources

Details of your Required Learning Resources are available from the [Reading List](#).

3.2 Recommended Resources

Details of your Recommended Learning Resources are available from the [Reading List](#).

3.3 University Learning Resources

The University provides many facilities and support services to assist students in their studies. Links to information about University support resources that are available to students are included below for easy reference.

Readings - New online service enabling students to access Required and Recommended Learning resources. It connects to the library catalogue to assist with quickly locating material held in Griffith libraries and enables students to manage and prioritise their readings, add personal study notes and export citations.

Learning@Griffith - there is a dedicated website for this course via the Learning@Griffith at myGriffith.

Academic Integrity Tutorial - this tutorial helps students to understand what academic integrity is and why it matters. You will be able to identify types of academic misconduct, understand what skills you will need in order to maintain academic integrity, and learn about the processes of referencing styles.

Student Support - provides a range of services to support students throughout their studies including personal support such as Counselling and Health Services; Academic support; and Financial and Welfare support.

The **Careers and Employment Team** provides: Career Wellbeing, Career Planning and Decision Making, Finding Jobs, Skills Identification and Development, Graduate Employment Information, LinkedIn Profile Review, Interview Preparation, Online Psychometric and Aptitude Test Preparation, International Student Support, Disability Disclosure Strategies and Higher Degree Research (HDR) Career Consultations.

Library and Learning Services: Library and Learning Services provides a wide range of quality client-focused services and programs to students, researchers and staff of the University. Library and Learning Services works in collaboration with the academic community to achieve academic and research outcomes.

Support for learning - the University provides access to common use computing facilities for educational purposes.

Code of Practice - Griffith Information Technology Resources.

3.5 Other Learning Resources & Information

Relevant papers, datasets, policy and legal documents will be provided as readings for each section of the course.

4. Teaching & Learning Activities

4.1 Learning Activities

Week Commencing	Activity	Learning Outcomes
19 Jul 21 - 15 Oct 21	<p>Lectures (Lecture Series): Introduction to marine conservation as a discipline Traditional and First Peoples management of marine resources Historical and contemporary approaches to management of fishing and fisheries Development of "ecosystem-wide" models of marine management Australian and International models of marine protected area design, management and evaluation. Information needs for contemporary marine conservation Case studies in marine conservation and resource management Student-delivered lectures on topical marine conservation issues.</p>	1, 2, 3, 4

Week Commencing	Activity	Learning Outcomes
26 Jul 21 - 15 Oct 21	<p>Workshops (Workshop): Workshops have two main purposes: Odd weeks: to develop and refine student prepared lectures on topical marine conservation issues, for delivery in the last 3 weeks of the trimester Even weeks: to discuss and analyse marine conservation concepts and resource management issues stemming from the lecture series. Some of these workshops will have an assessed component.</p> <p>Note that there is no workshop in Week 1 this year.</p>	1, 2, 3, 4

4.2 Other Teaching and Learning Activities Information

Lectures will be delivered by the course convenor and a series of guest practitioners. These will be interactive in form, and students will be expected to have read, and be prepared to discuss, an assigned resource prior to most lectures.