



COURSE OUTLINE

ENS317 Coastal Conservation Planning

Course Coordinator: Andrew Olds (aolds@usc.edu.au) **School:** School of Science, Technology and Engineering

2021 | Semester 1

USC Sunshine Coast
USC Fraser Coast

ON CAMPUS

Most of your course is on campus but you may be able to do some components of this course online.

Please go to the USC website for up to date information on the teaching sessions and campuses where this course is usually offered.

1. What is this course about?

1.1. Description

Coastal ecosystems are facing escalating threats from development and the consequences of climate change. In this course, you will explore the threats faced by coastal ecosystems, learn the principles and tools of conservation and management, and investigate challenges in the coastal strip. You will apply your knowledge in a practical context to undertake a supervised research project that addresses a topical issue for local coastal conservation and/or management. The course emphasises the integration of knowledge and skills to address regional or local conservation and management issues.

1.2. How will this course be delivered?

ACTIVITY	HOURS	BEGINNING WEEK	FREQUENCY
ON CAMPUS			
Lecture	2hrs	Not applicable	Not Yet Determined
Tutorial/Workshop	2hrs	Not applicable	Not Yet Determined
Fieldwork	32hrs	Not applicable	Not Yet Determined

1.3. Course Topics

- Be provided with a fundamental grounding in the theory and practice of coastal conservation planning
- Discuss the practical and ethical implications of coastal conservation and management
- Be guided in identifying the nature and scope of a practical study, in developing an associated literature review to contextualise this study within your knowledge of coastal conservation and management, and in presenting a project proposal that outlines how and why the proposed study is important
- Under supervision, complete the proposed research and produce a report that demonstrates a sound understanding of coastal conservation and/or management

2. What level is this course?

300 Level (Graduate)

Demonstrating coherence and breadth or depth of knowledge and skills. Independent application of knowledge and skills in unfamiliar contexts. Meeting professional requirements and AQF descriptors for the degree. May require pre-requisites where discipline specific introductory or developing knowledge or skills is necessary. Normally undertaken in the third or fourth full-time study year of an undergraduate program.

3. What is the unit value of this course?

12 units

4. How does this course contribute to my learning?

COURSE LEARNING OUTCOMES	GRADUATE QUALITIES
On successful completion of this course, you should be able to...	Completing these tasks successfully will contribute to you becoming...
1 Independently seek, analyse and critically appraise a diverse array of data and information that is appropriate for application to a defined coastal conservation and/or management issue.	Empowered
2 Apply fundamental principles, knowledge and skills to design and deliver a field project that addresses a defined issue regarding coastal conservation and/or management.	Creative and critical thinker Engaged Sustainability-focused
3 Contextualise local issues in coastal conservation and management relative to the functioning of impacted ecosystem, the hierarchy of threats faced by the ecosystem, the relevant policy frameworks, and the practical tools available for implementing coastal conservation and management.	Knowledgeable Creative and critical thinker
4 Recognise and elucidate the challenges (including ethical) and opportunities when implementing coastal conservation and management strategies.	Creative and critical thinker Ethical Sustainability-focused
5 Prepare and creatively disseminate the results from research to a nominated audience of stakeholders.	Empowered Engaged

5. Am I eligible to enrol in this course?

Refer to the [USC Glossary of terms](#) for definitions of “pre-requisites, co-requisites and anti-requisites”.

5.1. Pre-requisites

(ANM203 or SCI202 or MTH203) and (ENS213 or ENS221 or ENS222 or ENS253 or ENS282)

5.2. Co-requisites

Not applicable

5.3. Anti-requisites

Not applicable

5.4. Specific assumed prior knowledge and skills (where applicable)

Adequate technical and scientific research skills including experimental design, data analysis, and scientific writing skills that will allow you to demonstrate your foundation and developing knowledge of coastal conservation and management issues.

6. How am I going to be assessed?

6.1. Grading Scale

Standard Grading (GRD)

High Distinction (HD), Distinction (DN), Credit (CR), Pass (PS), Fail (FL).

6.2. Details of early feedback on progress

Feedback on your Project Proposal will be provided in class in Weeks 1 to 4.

6.3. Assessment tasks

DELIVERY MODE	TASK NO.	ASSESSMENT PRODUCT	INDIVIDUAL OR GROUP	WEIGHTING %	WHAT IS THE DURATION / LENGTH?	WHEN SHOULD I SUBMIT?	WHERE SHOULD I SUBMIT IT?
All	1	Oral	Group	30%	Oral presentation in media pre-approved by course coordinator, no more than 15 minutes in duration, with 5 additional minutes for questions.	Week 5	Online Assignment Submission
All	2	Examination	Individual	20%	1.5 hrs	Week 7	Online Test (Quiz)
All	3	Artefact - Technical and Scientific, and Written Piece	Individual	50%	Report no more than 3,000 words ($\pm 10\%$) excluding references, table of contents, figure legends, and title page.	Week 12	Online Assignment Submission

All - Assessment Task 1: Project Proposal

GOAL:	To demonstrate the ability to apply the knowledge and skills required to identify a problem, communicate why it is important, develop appropriate aims and objectives, and develop appropriate methods to address them.																	
PRODUCT:	Oral																	
FORMAT:	An oral proposal, presented as part of a group, that contains the following elements: Background (summary of a preliminary literature review); Rationale for the project (why it is necessary, timely and important); Aims and Objectives (overall aim, and clearly defined objectives that help you achieve the main aim); Proposed methods and analyses (clearly articulated and justification); and Potential outcomes (possible wider implications).																	
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All - Assessment Task 2: Exam

GOAL:	Demonstrate your understanding of key theoretical concepts, applied techniques, and practical approaches in the field of coastal conservation and management.				
PRODUCT:	Examination				
FORMAT:	A comprehensive 1.5-hour online exam based on material covered in the lectures, tutorials and readings (peer-reviewed journal articles).				
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All - Assessment Task 3: Project Report

GOAL:	To present the results of the Supervised Research Project, including the analysis and discussion of data/evidence collected in addressing the selected coastal conservation and/or management issue, as well as useful recommendations that address the conclusions derived from the results.																												
PRODUCT:	Artefact - Technical and Scientific, and Written Piece																												
FORMAT:	The project report will be formatted as a manuscript for publication in the peer-reviewed literature. It will contain all of the standard sections, with the Conclusions modified to include recommendations emanating from the study; these must be specific, measurable, achievable, realistic, time bound and ethically appropriate.																												
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7. Directed study hours

A 12-unit course will have total of 150 learning hours which will include directed study hours (including online if required), self-directed learning and completion of assessable tasks. Directed study hours may vary by location. Student workload is calculated at 12.5 learning hours per one unit.

8. What resources do I need to undertake this course?

Please note: Course information, including specific information of recommended readings, learning activities, resources, weekly readings, etc. are available on the course Blackboard site– Please log in as soon as possible.

8.1. Prescribed text(s) or course reader

There are no required/recommended resources for this course.

8.2. Specific requirements

Access to internet and search engines. You will be required to undertake field studies for four days. You will be required to wear covered footwear, hat, long-sleeved shirt and long trousers for field safety. Accommodation costs will be covered. Details of costs and opportunities for travel and food will be set out at the beginning of the semester. Discuss any financial hardship that might be associated with the field studies with the Course Coordinator.

9. How are risks managed in this course?

Risk assessments have been performed for all field activities and low to moderate levels of health and safety risk exists. Moderate risks may include working in an Australian bush setting, working with people, working outside normal office hours for example. It is your responsibility to review course material, search online, discuss with lecturers and peers and understand the health and safety risks associated with your specific course of study and to familiarise yourself with the University's general health and safety principles by reviewing the [online induction training for students](#), and following the instructions of the University staff.

10. What administrative information is relevant to this course?

10.1. Assessment: Academic Integrity

Academic integrity is the ethical standard of university participation. It ensures that students graduate as a result of proving they are competent in their discipline. This is integral in maintaining the value of academic qualifications. Each industry has expectations and standards of the skills and knowledge within that discipline and these are reflected in assessment.

Academic integrity means that you do not engage in any activity that is considered to be academic fraud; including plagiarism, collusion or outsourcing any part of any assessment item to any other person. You are expected to be honest and ethical by completing all work yourself and indicating in your work which ideas and information were developed by you and which were taken from others. You cannot provide your assessment work to others. You are also expected to provide evidence of wide and critical reading, usually by using appropriate academic references.

In order to minimise incidents of academic fraud, this course may require that some of its assessment tasks, when submitted to Blackboard, are electronically checked through SafeAssign. This software allows for text comparisons to be made between your submitted assessment item and all other work that SafeAssign has access to.

10.2. Assessment: Additional Requirements

Eligibility for Supplementary Assessment

Your eligibility for supplementary assessment in a course is dependent of the following conditions applying:

The final mark is in the percentage range 47% to 49.4%

The course is graded using the Standard Grading scale

You have not failed an assessment task in the course due to academic misconduct

10.3. Assessment: Submission penalties

Late submission of assessment tasks may be penalised at the following maximum rate:

- 5% (of the assessment task's identified value) per day for the first two days from the date identified as the due date for the assessment task.

- 10% (of the assessment task's identified value) for the third day - 20% (of the assessment task's identified value) for the fourth day and subsequent days up to and including seven days from the date identified as the due date for the assessment task.

- A result of zero is awarded for an assessment task submitted after seven days from the date identified as the due date for the assessment task. Weekdays and weekends are included in the calculation of days late. To request an extension you must contact your course coordinator to negotiate an outcome.

10.4. Study help

For help with course-specific advice, for example what information to include in your assessment, you should first contact your tutor, then your course coordinator, if needed.

If you require additional assistance, the Learning Advisers are trained professionals who are ready to help you develop a wide range of academic skills. Visit the [Learning Advisers](#) web page for more information, or contact Student Central for further assistance: +61 7 5430 2890 or studentcentral@usc.edu.au.

10.5. Wellbeing Services

Student Wellbeing provide free and confidential counselling on a wide range of personal, academic, social and psychological matters, to foster positive mental health and wellbeing for your academic success.

To book a confidential appointment go to [Student Hub](#), email studentwellbeing@usc.edu.au or call 07 5430 1226.

10.6. AccessAbility Services

Ability Advisers ensure equal access to all aspects of university life. If your studies are affected by a disability, learning disorder mental health issue, injury or illness, or you are a primary carer for someone with a disability or who is considered frail and aged, [AccessAbility Services](#) can provide access to appropriate reasonable adjustments and practical advice about the support and facilities available to you throughout the University.

To book a confidential appointment go to [Student Hub](#), email AccessAbility@usc.edu.au or call 07 5430 2890.

10.7. Links to relevant University policy and procedures

For more information on Academic Learning & Teaching categories including:

- Assessment: Courses and Coursework Programs
- Review of Assessment and Final Grades
- Supplementary Assessment
- Administration of Central Examinations
- Deferred Examinations
- Student Academic Misconduct
- Students with a Disability

Visit the USC website: <http://www.usc.edu.au/explore/policies-and-procedures#academic-learning-and-teaching>

10.8. General Enquiries

In person:

- **USC Sunshine Coast** - Student Central, Ground Floor, Building C, 90 Sippy Downs Drive, Sippy Downs
- **USC Moreton Bay** - Service Centre, Ground Floor, Foundation Building, Gympie Road, Petrie
- **USC SouthBank** - Student Central, Building A4 (SW1), 52 Merivale Street, South Brisbane
- **USC Gympie** - Student Central, 71 Cartwright Road, Gympie
- **USC Fraser Coast** - Student Central, Student Central, Building A, 161 Old Maryborough Rd, Hervey Bay
- **USC Caboolture** - Student Central, Level 1 Building J, Cnr Manley and Tallon Street, Caboolture

Tel: +61 7 5430 2890

Email: studentcentral@usc.edu.au