

ENVS3002: Environmental Management Perspectives

Callaghan and Ourimbah
Semester 2 - 2023



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

OVERVIEW

Course Description

How will you, as an environmental scientist, make the best contribution to ensuring sustainable management now and into the future? And how will you best place yourself to ensure success? This capstone course will deepen your understanding of the practical complexities of environmental management, using a combination of professional presentations and experiences in key industry workplaces. A range of learning approaches in this course will provide students with an understanding and critique of contemporary issues in, and skills for, the application of scientific expertise to current and emerging issues in environmental management. This course seeks to develop insights and skills that will be relevant to the wide variety of potential work situations and challenges that will emerge over a graduates career.

Requisites

This course replaces ENVS3020. If you have successfully completed ENVS3020 you cannot enrol in this course.

Assumed Knowledge

This course is designed for final year students to prepare them for the transition from University study to professional practice and the workplace.

Contact Hours

Field Study

Face to Face Off Campus
8 hour(s) per Term Full Term

Seminar

Online
21 hour(s) per Term Full Term starting Week 1

Tutorial

Face to Face On Campus
8 hour(s) per Term Full Term starting Week 2
Tutorial is held at both campuses.

Workshop

Online
21 hour(s) per Term Full Term starting Week 1

Unit Weighting

10

Workload

Students are required to spend on average 120-140 hours of effort (contact and non-contact) including assessments per 10-unit course.

COURSE OUTLINE

CONTACTS

Course Coordinator	Callaghan and Ourimbah Dr Michael Stat Michael.Stat@newcastle.edu.au (02) 4921 5710 Consultation: By appointment
Teaching Staff	Other teaching staff will be advised on the course Canvas site.
School Office	School of Environmental and Life Sciences Room C228 Chemistry Building Callaghan Science-SELS@newcastle.edu.au +61 2 4921 5080 9am-5pm (Mon-Fri) School of Environmental and Life Sciences SO-104 / SO-105 Science Offices OURIMBAH Science-SELS@newcastle.edu.au 4349 4568 / 4348 4115 9am-5pm (Mon-Fri)

SYLLABUS

Course Content	<p>Contemporary issues in environmental management and policy at the local, state, and national levels will be addressed including:</p> <ul style="list-style-type: none">• natural resource management• conservation biology• impact assessment• environmental remediation and restoration• emerging technologies• policy and legislation• socioeconomics• education and communication <p>Course content will be driven primarily by personnel from a range of industry sectors, including government, consultancy, NGOs, corporations, and other organisations linked with environmental management. The field trip will involve a site visit to a key regional workplace.</p>
Course Learning Outcomes	<p>On successful completion of this course, students will be able to:</p> <ol style="list-style-type: none">1. Identify, synthesise and reflect upon key current and potentially competing environmental issues, using appropriate scientific, social and economic arguments within local and global contexts.2. Critically analyse environmental reports, policy documents and peer-reviewed sources of information.3. Effectively develop and deliver project outcomes, both individually and within a team environment.4. Identify and critique real world challenges in effective management of the environment.5. Communicate complex environmental issues in both written and verbal forms.

SCHEDULE

Week	Week Begins	Topic	Learning Activity	Assessment Due
1	17 Jul	Industry workshop & seminars: The Blue Bus. Introduction to course.	Active participation in workshop, note taking, listening.	
2	24 Jul	Industry workshop & seminars: Umwelt & Matters of National Environmental Significance and Chevron. Tutorial.	Active participation in workshop & tutorial, note taking, listening.	
3	31 Jul	Industry workshop & seminars: Government & the Environment and Waste Management. Tutorial.	Active participation in workshop & tutorial, note taking, listening.	
4	7 Aug	Industry workshop & seminars: Department of Primary Industries and Environmental Consulting. Tutorial.	Active participation in workshop & tutorial, note taking, listening.	Written Assessment (30%) Due Sunday 13th August 5:00 pm
5	14 Aug	Industry workshop & seminars: Environmental Property Services & the Triple Bottom Line and Department of Conservation NZ. Tutorial.	Active participation in workshop & tutorial, note taking, listening.	
6	21 Aug	Industry workshop & seminars: Lake Macquarie City Council and Taronga Zoo. Tutorial.	Active participation in workshop & tutorial, note taking, listening.	
7	28 Aug	Field Trip. Tutorial.	On-site experience and active participation in tutorial.	
8	4 Sep	Field Trip. Tutorial.	On-site experience and active participation in tutorial.	
9	11 Sep	Industry workshop & seminars: NSW Department of Planning and Environment and The Australian Institute of Marine Science. Tutorial.	Active participation in workshop & tutorial, note taking, listening.	
10	18 Sep			Group Presentation (30%) Due Sunday 24th September 5:00 pm
Mid Term Break				
Mid Term Break				
11	9 Oct			
12	16 Oct			Individual Reflection (40%) Due Sunday 22nd October 5:00pm
13	23 Oct			
Examination Period				
Examination Period				

ASSESSMENTS

This course has 3 assessments. Each assessment is described in more detail in the sections below.

	Assessment Name	Due Date	Involvement	Weighting	Learning Outcomes
1	Essays / Written Assignments: Individual short article less than 1500 words	Week 4, Sunday 13th August, 5:00 pm	Individual	30%	1, 2, 3, 5
2	Scoping and final presentations: Oral and visual project presentation	Week 10, Sunday 24th September, 5:00 pm	Group	30%	1, 2, 3, 5
3	Individual reflection and discussion on workshop, seminars, and field trips, less than 2000 words	Week 12, Sunday 22nd October, 5:00pm	Individual	40%	1, 4, 5

Late Submissions

The mark for an assessment item submitted after the designated time on the due date, without an approved extension of time, will be reduced by 10% of the possible maximum mark for that assessment item for each day or part day that the assessment item is late. Note: this applies equally to week and weekend days.

Assessment 1 - Essays / Written Assignments: Individual short article less than 1500 words

Assessment Type	Written Assignment
Description	Assessment 1 will involve producing a high-quality well-written communication about an environmental issue.
Weighting	30%
Due Date	Week 4, Sunday 13th August, 5:00 pm
Submission Method	Online
Assessment Criteria	Detailed assessment criteria will be provided on Canvas.
Return Method	Online
Feedback Provided	Online - 15 University working days after submission

Assessment 2 - Scoping and final presentations: Oral and visual project presentation

Assessment Type	Presentation
Description	Assessment 2 will involve presenting on an environmental issue.
Weighting	30%
Due Date	Week 10, Sunday 24th September, 5:00 pm
Submission Method	Online
Assessment Criteria	Detailed assessment criteria will be provided on Canvas.
Return Method	Online
Feedback Provided	Online - 15 University working days after submission

Assessment 3 - Individual reflection and discussion on workshop, seminars, and field trips, less than 2000 words

Assessment Type	Online Learning Activity
Description	To discuss and reflect on your perception and understanding of current environmental issues covered in the course.
Weighting	40%
Due Date	Week 12, Sunday 22nd October, 5:00pm
Submission Method	Online
Assessment Criteria	Detailed assessment criteria will be provided on Canvas.
Return Method	Online
Feedback Provided	Online - 15 University working days after submission

ADDITIONAL INFORMATION

Grading Scheme

This course is graded as follows:

Range of Marks	Grade	Description
85-100	High Distinction (HD)	Outstanding standard indicating comprehensive knowledge and understanding of the relevant materials; demonstration of an outstanding level of academic achievement; mastery of skills*; and achievement of all assessment objectives.
75-84	Distinction (D)	Excellent standard indicating a very high level of knowledge and understanding of the relevant materials; demonstration of a very high level of academic ability; sound development of skills*; and achievement of all assessment objectives.
65-74	Credit (C)	Good standard indicating a high level of knowledge and understanding of the relevant materials; demonstration of a high level of academic achievement; reasonable development of skills*; and achievement of all learning outcomes.
50-64	Pass (P)	Satisfactory standard indicating an adequate knowledge and understanding of the relevant materials; demonstration of an adequate level of academic achievement; satisfactory development of skills*; and achievement of all learning outcomes.
0-49	Fail (FF)	Failure to satisfactorily achieve learning outcomes. If all compulsory course components are not completed the mark will be zero. A fail grade may also be awarded following disciplinary action.

*Skills are those identified for the purposes of assessment task(s).

WH&S Requirements

The issue of safety for staff and students is taken very seriously by the University. Students in this course will be participating in a field trip to a workplace environment. As such, an induction and additional risk assessments for the activity will be provided and completed prior to the activity.

Communication Methods

Communication methods used in this course include:

- Canvas Course Site: Students will receive communications via the posting of content or announcements on the Canvas course site.
- Email: Students will receive communications via their student email account.
- Face to Face: Communication will be provided via face-to-face meetings or supervision.

Course Evaluation

Each year feedback is sought from students and other stakeholders about the courses offered in the University for the purposes of identifying areas of excellence and potential improvement.

Oral Interviews (Vivas)

As part of the evaluation process of any assessment item in this course an oral examination (viva) may be conducted. The purpose of the oral examination is to verify the authorship of the material submitted in response to the assessment task. The oral examination will be conducted in accordance with the principles set out in the [Oral Examination \(viva\) Procedure](#). In cases where the oral examination reveals the assessment item may not be the student's own work the case will be dealt with under the [Student Conduct Rule](#).

Academic Misconduct

All students are required to meet the academic integrity standards of the University. These standards reinforce the importance of integrity and honesty in an academic environment. Academic Integrity policies apply to all students of the University in all modes of study and in all locations. For the Student Academic Integrity Policy, refer to <https://policies.newcastle.edu.au/document/view-current.php?id=35>.

**Adverse
Circumstances**

The University acknowledges the right of students to seek consideration for the impact of allowable adverse circumstances that may affect their performance in assessment item(s). Applications for special consideration due to adverse circumstances will be made using the online Adverse Circumstances system where:

1. the assessment item is a major assessment item; or
2. the assessment item is a minor assessment item and the Course Co-ordinator has specified in the Course Outline that students may apply the online Adverse Circumstances system;
3. you are requesting a change of placement; or
4. the course has a compulsory attendance requirement.

Before applying you must refer to the Adverse Circumstance Affecting Assessment Items Procedure available at:

<https://policies.newcastle.edu.au/document/view-current.php?id=236>

**Important Policy
Information**

The Help button in the Canvas Navigation menu contains helpful information for using the Learning Management System. Students should familiarise themselves with the policies and procedures at

<https://www.newcastle.edu.au/current-students/no-room-for/policies-and-procedures>

that support a safe and respectful environment at the University.

Other Information

Field trip.

The course includes a field trip to an off-campus site. The trip requires a bus to transport students from the University and around the off-campus facilities. The cost is approximately \$30 per student. Booking and payment will be via the University Online Shop. The off-campus site has WHS requirements including enclosed shoes, and long sleeves and pants. On-site safety inductions will be conducted on the day. All requirements must be completed to participate.

This course outline was approved by the Head of School. No alteration of this course outline is permitted without Head of School approval. If a change is approved, students will be notified, and an amended course outline will be provided in the same manner as the original.

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