ENVS341

Advanced Environmental Earth Science

S1 Day 2019

Dept of Environmental Sciences

Contents

General Information 2

Learning Outcomes 2

General Assessment Information 2

Assessment Tasks 3

Delivery and Resources 3

Unit Schedule 4

Policies and Procedures 4

Graduate Capabilities 5

Disclaimer

Macquarie University has taken all reasonable measures to ensure the information in this publication is accurate and up-to-date. However, the information may change or become out-dated as a result of change in University policies, procedures or rules. The University reserves the right to make changes to any information in this publication without notice. Users of this publication are advised to check the website version of this publication [or the relevant faculty or department] before acting on any information in this publication.

General Information

Unit convenor and teaching staff Unit Convenor Paul Hesse paul.hesse@mq.edu.au Contact via paul.hesse@mq.edu.au
Credit points 3
Prerequisites (39cp at 100 level or above) and permission by special approval
Corequisites
Co-badged status
Unit description This unit is offered as: - A Session 1 or Session 2 unit involving small group tutorial teaching with academic staff on areas of relevance to recent research advances in the field. Assessment typically includes assignments, analysis of recent literature, and other major tasks determined in consultation with the unit convenor. - As Session 3 unit that travels to the South Island of New Zealand. On an 11 day fieldtrip source-to-sink dynamics in a tectonically active, glaciated landscape are examined. The geomorphology and Quaternary evolution of the systems are contrasted with those of the Australian landmass examined in other units in the Environmental Earth Science major.

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:

> This unit is offered as an individual or small group offering and learning outcomes vary according to the specific project

General Assessment Information

The nature, weighting and due dates of assessment items vary depending on the individual project. Consult your supervisor.

Assessment Tasks

Name	Weighting	Hurdle	Due
Assessment	40%	No	various
Assessment	10%	No	various
Assessment	50%	No	various

Assessment

Due: **various**
Weighting: **40%**

to be determined

On successful completion you will be able to:

- This unit is offered as an individual or small group offering and learning outcomes vary according to the specific project

Assessment

Due: **various**
Weighting: **10%**

Assessment tasks will vary according to the specific project, to be determined by the supervisor

On successful completion you will be able to:

- This unit is offered as an individual or small group offering and learning outcomes vary according to the specific project

Assessment

Due: **various**
Weighting: **50%**

Assessment tasks will vary according to the specific project, to be determined by the supervisor

On successful completion you will be able to:

- This unit is offered as an individual or small group offering and learning outcomes vary according to the specific project

Delivery and Resources

This unit is typically offerred to individuals or small groups of students in consultation with an

Environmental Earth Science staff member.

The mode of delivery is usually regular meetings, rather than formal class times but may also include fieldwork or laboratory time.

Unit Schedule

The content of this unit will be determined on a case by case basis by each supervisor, in accordance with University policies.

For permission to enrol in this unit you should first talk to one of the Environmental Earth Science staff. Once you have secured their support you can apply for Special Permission to enrol.

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). 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.)*

Undergraduate students seeking more policy resources can visit the 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).

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 improve your marks and take control of your study.

- Workshops
- StudyWise
- Academic Integrity Module for Students
- Ask a Learning Adviser

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.

Graduate Capabilities

Creative and Innovative

Our graduates will also be capable of creative thinking and of creating knowledge. They will be imaginative and open to experience and capable of innovation at work and in the community. We want them to be engaged in applying their critical, creative thinking.

This graduate capability is supported by:

Learning outcome

- This unit is offered as an individual or small group offering and learning outcomes vary according to the specific project

Assessment tasks

- Assessment
- Assessment
- Assessment

Capable of Professional and Personal Judgement and Initiative

We want our graduates to have emotional intelligence and sound interpersonal skills and to demonstrate discernment and common sense in their professional and personal judgement. They will exercise initiative as needed. They will be capable of risk assessment, and be able to handle ambiguity and complexity, enabling them to be adaptable in diverse and changing environments.

This graduate capability is supported by:

Learning outcome

- This unit is offered as an individual or small group offering and learning outcomes vary according to the specific project

Assessment tasks

- Assessment
- Assessment
- Assessment

Commitment to Continuous Learning

Our graduates will have enquiring minds and a literate curiosity which will lead them to pursue knowledge for its own sake. They will continue to pursue learning in their careers and as they participate in the world. They will be capable of reflecting on their experiences and relationships with others and the environment, learning from them, and growing - personally, professionally and socially.

This graduate capability is supported by:

Learning outcome

- This unit is offered as an individual or small group offering and learning outcomes vary according to the specific project

Assessment tasks

- Assessment
- Assessment
- Assessment

Discipline Specific Knowledge and Skills

Our graduates will take with them the intellectual development, depth and breadth of knowledge, scholarly understanding, and specific subject content in their chosen fields to make them competent and confident in their subject or profession. They will be able to demonstrate, where relevant, professional technical competence and meet professional standards. They will be able to articulate the structure of knowledge of their discipline, be able to adapt discipline-specific knowledge to novel situations, and be able to contribute from their discipline to inter-disciplinary solutions to problems.

This graduate capability is supported by:

Learning outcome

- This unit is offered as an individual or small group offering and learning outcomes vary according to the specific project

Assessment tasks

- Assessment
- Assessment
- Assessment

Critical, Analytical and Integrative Thinking

We want our graduates to be capable of reasoning, questioning and analysing, and to integrate and synthesise learning and knowledge from a range of sources and environments; to be able to critique constraints, assumptions and limitations; to be able to think independently and systemically in relation to scholarly activity, in the workplace, and in the world. We want them to have a level of scientific and information technology literacy.

This graduate capability is supported by:

Learning outcome

- This unit is offered as an individual or small group offering and learning outcomes vary according to the specific project

Assessment tasks

- Assessment
- Assessment
- Assessment

Problem Solving and Research Capability

Our graduates should be capable of researching; of analysing, and interpreting and assessing data and information in various forms; of drawing connections across fields of knowledge; and they should be able to relate their knowledge to complex situations at work or in the world, in

order to diagnose and solve problems. We want them to have the confidence to take the initiative in doing so, within an awareness of their own limitations.

This graduate capability is supported by:

Learning outcome

- This unit is offered as an individual or small group offering and learning outcomes vary according to the specific project

Assessment tasks

- Assessment
- Assessment
- Assessment

Effective Communication

We want to develop in our students the ability to communicate and convey their views in forms effective with different audiences. We want our graduates to take with them the capability to read, listen, question, gather and evaluate information resources in a variety of formats, assess, write clearly, speak effectively, and to use visual communication and communication technologies as appropriate.

This graduate capability is supported by:

Learning outcome

- This unit is offered as an individual or small group offering and learning outcomes vary according to the specific project

Assessment tasks

- Assessment
- Assessment
- Assessment

Engaged and Ethical Local and Global citizens

As local citizens our graduates will be aware of indigenous perspectives and of the nation's historical context. They will be engaged with the challenges of contemporary society and with knowledge and ideas. We want our graduates to have respect for diversity, to be open-minded, sensitive to others and inclusive, and to be open to other cultures and perspectives: they should have a level of cultural literacy. Our graduates should be aware of disadvantage and social justice, and be willing to participate to help create a wiser and better society.

This graduate capability is supported by:

Learning outcome

- This unit is offered as an individual or small group offering and learning outcomes vary

according to the specific project

Assessment tasks

- Assessment
- Assessment
- Assessment

Socially and Environmentally Active and Responsible

We want our graduates to be aware of and have respect for self and others; to be able to work with others as a leader and a team player; to have a sense of connectedness with others and country; and to have a sense of mutual obligation. Our graduates should be informed and active participants in moving society towards sustainability.

This graduate capability is supported by:

Learning outcome

- This unit is offered as an individual or small group offering and learning outcomes vary according to the specific project

Assessment tasks

- Assessment
- Assessment
- Assessment