BIOL870
Conservation in Practice
S1 External 2016
Dept of Biological Sciences

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General Information

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Credit points
4

Prerequisites
(Admission to MSc in Biodiversity Conservation or PGDipSc in Biodiversity Conservation or MMarScMgt or MConsBiol) and 8cp from (BIOL861 or BIOL887 or BIOL873 or BIOL874 or BIOL877 or MAR801) and permission of Executive Dean of Faculty

Corequisites

Co-badged status

Unit description
This unit provides an opportunity to gain valuable and relevant professional experience either as an intern with a private or public organisation or through a professional project investigating the conservation sector. Students intending to undertake an independent internship in this unit should source a placement prior to the start of session. Please contact the convenor for a list of potential placements and projects. This unit can be combined with BIOL860 Biology Research Experience for a more extended experience.

Important Academic Dates
Information about important academic dates including deadlines for withdrawing from units are
Learning Outcomes
On successful completion of this unit, you will be able to:

1. A thorough understanding of aims and work practices in the conservation sector, with particular reference to workplace ethics, occupational health and safety, and legal requirements.
2. A thorough understanding of a problem of particular relevance to the conservation sector, including the scientific, social, and legal dimensions.
3. Experience in collaborating with a team working on an ongoing conservation project, including making a contribution to the development and implementation of a scientifically rigorous plan of action.
4. Experience in applying and critically assessing knowledge and professional skills acquired in previous units (e.g. BIOL861, BIOL887) to conservation problems.

General Assessment Information
BIOL870 is a four credit point unit and requires a workload commitment of 150 hours. We expect that this time will be divided into

1) 118 hours of laboratory experience and
2) 30 hours for assessments. You will therefore be in the lab/field for 8-10 hours a week over the semester.

Description of assessments  To pass this unit all components of each assessment must be completed, and a grade of 50% or higher for each assessment must be achieved

Assessment Tasks

<table>
<thead>
<tr>
<th>Name</th>
<th>Weighting</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internship Proposal</td>
<td>10%</td>
<td>18 March 2016</td>
</tr>
<tr>
<td>Risk assessment</td>
<td>10%</td>
<td>18 March 2016</td>
</tr>
<tr>
<td>Daily Diary</td>
<td>25%</td>
<td>4 June 2016</td>
</tr>
<tr>
<td>Internship Report</td>
<td>30%</td>
<td>10 June 2016</td>
</tr>
<tr>
<td>Supervisor Report</td>
<td>25%</td>
<td>24 June 2016</td>
</tr>
</tbody>
</table>

Internship Proposal
Due: 18 March 2016
Weighting: **10%**

**You will write a short proposal explaining the work that you will undertake in your placement (internship) and skills to be learnt**

On successful completion you will be able to:

- 1. A thorough understanding of aims and work practices in the conservation sector, with particular reference to workplace ethics, occupational health and safety, and legal requirements.
- 2. A thorough understanding of a problem of particular relevance to the conservation sector, including the scientific, social, and legal dimensions.

**Risk assessment**

*Due: 18 March 2016*

Weighting: **10%**

**Undertake a risk assessment for the placement (PACE paperwork)**

On successful completion you will be able to:

- 1. A thorough understanding of aims and work practices in the conservation sector, with particular reference to workplace ethics, occupational health and safety, and legal requirements.
- 4. Experience in applying and critically assessing knowledge and professional skills acquired in previous units (e.g. BIOL861, BIOL887) to conservation problems.

**Daily Diary**

*Due: 4 June 2016*

Weighting: **25%**

**Complete a daily diary recording work undertaken and skills learnt**

On successful completion you will be able to:

- 1. A thorough understanding of aims and work practices in the conservation sector, with particular reference to workplace ethics, occupational health and safety, and legal requirements.
- 3. Experience in collaborating with a team working on an ongoing conservation project, including making a contribution to the development and implementation of a scientifically rigorous plan of action.

https://unitguides.mq.edu.au/unit_offerings/66083/unit_guide/print
Internship Report

Due: 10 June 2016
Weighting: 30%

You will write a report (literature review and methods protocols for internship) describing what is currently known in the area of your project and how your work will contribute to further understanding in this area.

On successful completion you will be able to:

1. A thorough understanding of aims and work practices in the conservation sector, with particular reference to workplace ethics, occupational health and safety, and legal requirements.
2. A thorough understanding of a problem of particular relevance to the conservation sector, including the scientific, social, and legal dimensions.
3. Experience in applying and critically assessing knowledge and professional skills acquired in previous units (e.g. BIOL861, BIOL887) to conservation problems.

Supervisor Report

Due: 24 June 2016
Weighting: 25%

Supervisors will provide a report on student performance, progress, abilities acquired and attendance throughout placement.

On successful completion you will be able to:

2. A thorough understanding of a problem of particular relevance to the conservation sector, including the scientific, social, and legal dimensions.
3. Experience in collaborating with a team working on an ongoing conservation project, including making a contribution to the development and implementation of a scientifically rigorous plan of action.
4. Experience in applying and critically assessing knowledge and professional skills acquired in previous units (e.g. BIOL861, BIOL887) to conservation problems.

Delivery and Resources

Technology Used and Required

Students are required to have access to a computer and the internet to access the teaching website and unit materials. Students will also be required to have access to a word processor, spreadsheet manager and database programs to be able to complete set assessment tasks.
For field work students will require access to some field equipment, a complete list of which will be supplied within the teaching website on activation.

Unit Web Page

To access the unit and associated resources, please login to iLearn (http://ilearn.mq.edu.au/) Guides for assist students with on-line websites and resources can be found at

Student iLearn guides: https://www.mq.edu.au/iLearn/student_info/guides.htm

Student Echo guides: https://www.mq.edu.au/iLearn/student_info/lecture_recordings.htm

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central. Students should be aware of the following policies in particular with regard to Learning and Teaching:

Academic Honesty Policy http://mq.edu.au/policy/docs/academic_honesty/policy.html


Disruption to Studies Policy http://www.mq.edu.au/policy/docs/disruption_studies/policy.html The Disruption to Studies Policy is effective from March 3 2014 and replaces the Special Consideration Policy.

In addition, a number of other policies can be found in the Learning and Teaching Category of 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/support/student_conduct/

Results

Results shown in iLearn, 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.
Student Support

Macquarie University provides a range of support services for students. For details, visit [http://students.mq.edu.au/support/](http://students.mq.edu.au/support/)

**Learning Skills**

Learning Skills ([mq.edu.au/learningskills](http://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](http://www.mq.edu.au/about_us/offices_and_units/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](http://ask.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/](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](http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/). The policy applies to all who connect to the MQ network including students.

**Graduate Capabilities**

PG - Capable of Professional and Personal Judgment and Initiative

Our postgraduates will demonstrate a high standard of discernment and common sense in their professional and personal judgment. They will have the ability to make informed choices and decisions that reflect both the nature of their professional work and their personal perspectives.

This graduate capability is supported by:

**Learning outcomes**

- 1. A thorough understanding of aims and work practices in the conservation sector, with particular reference to workplace ethics, occupational health and safety, and legal requirements.
- 3. Experience in collaborating with a team working on an ongoing conservation project,
including making a contribution to the development and implementation of a scientifically rigorously plan of action.

4. Experience in applying and critically assessing knowledge and professional skills acquired in previous units (e.g. BIOL861, BIOL887) to conservation problems.

Assessment tasks

- Internship Proposal
- Risk assessment
- Daily Diary
- Internship Report
- Supervisor Report

PG - Discipline Knowledge and Skills

Our postgraduates will be able to demonstrate a significantly enhanced depth and breadth of knowledge, scholarly understanding, and specific subject content knowledge in their chosen fields.

This graduate capability is supported by:

Learning outcomes

1. A thorough understanding of aims and work practices in the conservation sector, with particular reference to workplace ethics, occupational health and safety, and legal requirements.
2. A thorough understanding of a problem of particular relevance to the conservation sector, including the scientific, social, and legal dimensions.
3. Experience in applying and critically assessing knowledge and professional skills acquired in previous units (e.g. BIOL861, BIOL887) to conservation problems.

Assessment tasks

- Internship Proposal
- Risk assessment
- Daily Diary
- Internship Report
- Supervisor Report

PG - Critical, Analytical and Integrative Thinking

Our postgraduates will be capable of utilising and reflecting on prior knowledge and experience, of applying higher level critical thinking skills, and of integrating and synthesising learning and knowledge from a range of sources and environments. A characteristic of this form of thinking is the generation of new, professionally oriented knowledge through personal or group-based
critique of practice and theory.

This graduate capability is supported by:

**Learning outcomes**

- 1. A thorough understanding of aims and work practices in the conservation sector, with particular reference to workplace ethics, occupational health and safety, and legal requirements.
- 2. A thorough understanding of a problem of particular relevance to the conservation sector, including the scientific, social, and legal dimensions.
- 4. Experience in applying and critically assessing knowledge and professional skills acquired in previous units (e.g. BIOL861, BIOL887) to conservation problems.

**Assessment tasks**

- Internship Proposal
- Risk assessment
- Daily Diary
- Internship Report
- Supervisor Report

**PG - Research and Problem Solving Capability**

Our postgraduates will be capable of systematic enquiry; able to use research skills to create new knowledge that can be applied to real world issues, or contribute to a field of study or practice to enhance society. They will be capable of creative questioning, problem finding and problem solving.

This graduate capability is supported by:

**Learning outcomes**

- 1. A thorough understanding of aims and work practices in the conservation sector, with particular reference to workplace ethics, occupational health and safety, and legal requirements.
- 2. A thorough understanding of a problem of particular relevance to the conservation sector, including the scientific, social, and legal dimensions.
- 4. Experience in applying and critically assessing knowledge and professional skills acquired in previous units (e.g. BIOL861, BIOL887) to conservation problems.

**Assessment tasks**

- Internship Proposal
- Risk assessment
PG - Effective Communication
Our postgraduates will be able to communicate effectively and convey their views to different social, cultural, and professional audiences. They will be able to use a variety of technologically supported media to communicate with empathy using a range of written, spoken or visual formats.

This graduate capability is supported by:

**Learning outcomes**

• 3. Experience in collaborating with a team working on an ongoing conservation project, including making a contribution to the development and implementation of a scientifically rigorous plan of action.

• 4. Experience in applying and critically assessing knowledge and professional skills acquired in previous units (e.g. BIOL861, BIOL887) to conservation problems.

**Assessment tasks**

• Risk assessment
• Daily Diary
• Internship Report
• Supervisor Report

PG - Engaged and Responsible, Active and Ethical Citizens
Our postgraduates will be ethically aware and capable of confident transformative action in relation to their professional responsibilities and the wider community. They will have a sense of connectedness with others and country and have a sense of mutual obligation. They will be able to appreciate the impact of their professional roles for social justice and inclusion related to national and global issues.

This graduate capability is supported by:

**Learning outcomes**

• 1. A thorough understanding of aims and work practices in the conservation sector, with particular reference to workplace ethics, occupational health and safety, and legal requirements.

• 2. A thorough understanding of a problem of particular relevance to the conservation sector, including the scientific, social, and legal dimensions.

• 3. Experience in collaborating with a team working on an ongoing conservation project,
including making a contribution to the development and implementation of a scientifically rigorous plan of action.

• 4. Experience in applying and critically assessing knowledge and professional skills acquired in previous units (e.g. BIOL861, BIOL887) to conservation problems.

Assessment tasks

• Internship Proposal
• Risk assessment
• Daily Diary
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