ZOOL13015 *Environmental Physiology of Animals*
Term 1 - 2025

Profile information current as at 22/11/2024 09:25 pm

General Information

Overview
In Environmental Physiology of Animals, you will learn about the limits placed on organisms by their physiology in both aquatic and terrestrial habitats, how organisms respond to environmental challenges, and how organisms have evolved to and are adapted to their ecological niche. This unit will cover topics such as the central nervous system and sensory system design, metabolism, respiration and energy supply, locomotion and allometric scaling, stress and the effects of capture and release, conservation physiology and extreme habitats. There is a strong focus on experimental physiology and incorporating theory and hands-on experience into practical classes during the Residential School, where you will conduct your own experiments. A fundamental knowledge of statistical design and analyses is assumed.

Details
Career Level: *Undergraduate*
Unit Level: *Level 3*
Credit Points: *6*
Student Contribution Band: *8*
Fraction of Full-Time Student Load: *0.125*

Pre-requisites or Co-requisites
BIOL11100 or BIOL12112
Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the Assessment Policy and Procedure (Higher Education Coursework).

Offerings For Term 1 - 2025

- Mixed Mode

Attendance Requirements
All on-campus students are expected to attend scheduled classes – in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

Website
This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.

Class and Assessment Overview

Information for Class and Assessment Overview has not been released yet.
This information will be available on Monday 13 January 2025

CQUniversity Policies

All University policies are available on the [CQUniversity Policy site](#).
You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

Previous Student Feedback

Feedback, Recommendations and Responses

Every unit is reviewed for enhancement each year. At the most recent review, the following staff and student feedback items were identified and recommendations were made.

Feedback from Personal reflection

Feedback

Creating an industry relevant applied research project within the unit has been extremely effective, in particular the project has increased engagement, created a cooperative learning environment and students have developed a sense of project ownership.

Recommendation

The real-world applied research project embedded within the residential is extremely important to students and should be continued and developed.

Feedback from Personal reflection

Feedback

Students require more assistance and guidance with the use and application of audio-visual recording software for research seminar assessments.

Recommendation

Provide detailed instructions and tutorial sessions on the use of audio visual technologies.

Feedback from Personal reflection

Feedback

Students appear to struggle with the use and application of statistical software for data analysis.

Recommendation

Consider including sessions on the use of SPSS for data analysis with particular reference to the residential school.

Feedback from SUTE

Feedback

The research project during residential school has been well received.

Recommendation

The research project should continue to be a central focus of the unit, providing students with the opportunity to engage with a real world applied research project.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.
This information will be available on Monday 13 January 2025

Alignment of Learning Outcomes, Assessment and Graduate Attributes

Information for Alignment of Learning Outcomes, Assessment and Graduate Attributes has not been released yet.
This information will be available on Monday 13 January 2025

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.

This information will be available on Monday 17 February 2025

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.

This unit profile has not yet been finalised.