

In Progress

Please note that this Unit Profile is still in progress. The content below is subject to change.



BIOL12112 *Animal and Plant Physiology*

Term 1 - 2025

Profile information current as at 12/02/2025 02:22 pm

All details in this unit profile for BIOL12112 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

General Information

Overview

In Animal and Plant Physiology you will study the basic functioning of plants and animals. You will explore a number of major themes in biology including the integral relationship between structure and function, the maintenance of homeostasis and the principles of evolution and adaptation. You will examine major functions of living organisms such as locomotion, nutrition, respiration, circulation and reproduction. In the practical component you will gain hands-on experience of relevant laboratory and field procedures.

Details

Career Level: *Undergraduate*

Unit Level: *Level 2*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Pre-requisites BIOL11102 Life Science Laboratory and ENVR11014 Environmental Monitoring

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
- Rockhampton

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

Recommended Student Time Commitment

Each 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

Class Timetable

[Regional Campuses](#)

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

[Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

1. **Online Quiz(zes)**

Weighting: 20%

2. **Written Assessment**

Weighting: 30%

3. **Practical Assessment**

Weighting: Pass/Fail

4. **Online Quiz(zes)**

Weighting: 50%

Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the [University's Grades and Results Policy](#) for more details of interim results and final grades.

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 SUTE

Feedback

Unit Coordinators changed partway through term and this impacted student experience.

Recommendation

Avoid staffing changes where possible; where not possible in future find ways to mitigate the impact to student experience.

Feedback from SUTE

Feedback

The residential school was a positive experience and students learned a lot from the hands on experience.

Recommendation

Continue to provide a hands on residential school with enthusiastic teaching staff.

Feedback from SUTE

Feedback

Some lecture recordings are from several years ago and should be updated.

Recommendation

Update lecture recordings where relevant.

Feedback from SUTE

Feedback

Feedback on assessment was not timely.

Recommendation

In future, timelines for feedback as outlined in the Unit Profile will be maintained.

Unit Learning Outcomes

On successful completion of this unit, you will be able to:

1. Describe the function of the major organ systems in plants and animals
2. Discuss the relationship between the structure and function of living organisms
3. Apply the concepts of homeostasis to various organ systems in plants and animals
4. Discuss the evolution and adaptation of plant and animal function in relation to the environment
5. Perform a range of practical procedures in the laboratory and the field relating to the physiology of plants and animals.

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - Online Quiz(zes) - 20%	•				•
2 - Written Assessment - 30%		•	•	•	
3 - Practical Assessment - 0%					•
4 - Online Quiz(zes) - 50%	•	•	•	•	

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes				
	1	2	3	4	5
1 - Communication		•	•	•	
2 - Problem Solving			•		•
3 - Critical Thinking		•			
4 - Information Literacy				•	
5 - Team Work					•
6 - Information Technology Competence					
7 - Cross Cultural Competence					
8 - Ethical practice					
9 - Social Innovation					
10 - Aboriginal and Torres Strait Islander Cultures					

Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Online Quiz(zes) - 20%		•				•				
2 - Written Assessment - 30%	•			•						
3 - Practical Assessment - 0%		•			•					
4 - Online Quiz(zes) - 50%	•	•	•							

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.