

In Progress

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



BOTN13002 *Plants and the Environment*

Term 1 - 2027

Profile information current as at 04/09/2026 05:09 pm

All details in this unit profile for BOTN13002 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 this unit, you will study plant ecophysiology, describing in vivo responses of plants to the environment in both an agricultural and environmental context. You will gain an understanding of plant structure and function, including water relations, transport pathways, gas exchange, photosynthesis, respiration, secondary metabolism, nutrition and growth regulation.

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

Prerequisite: minimum of 72 credit points

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 - 2027

- 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

Information for Class and Assessment Overview has not been released yet.
This information will be available on Monday 11 January 2027

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
- Academic Progression Policy and Procedure
- Student Refund and Credit Balance Policy and Procedure
- 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 comments and unsolicited end of term emails

Feedback

Residential school is essential

Recommendation

Agreed - the face-to-face interaction and the equipment use assist in understanding the material of this unit.

Feedback from SUTE comments

Feedback

Quiz assessment opening and closing dates should match that in the unit profile.

Recommendation

The quiz on a given weeks material is generally due on the Monday of the second week post class, but this is adjusted in the last weeks of term in order to finish within term. This will be clarified in unit profile.

Feedback from SUTE comments

Feedback

Cover all of the topic in the one recording.

Recommendation

This suggestion reflects disparity between students attending class physically and those watching recordings. I have been recording a weekly presentation made face-to-face to a small cohort, with the benefit that all material is fresh every offering. I need to look at how to break material while maintaining flow for the physical attendees. Separate recordings could be made for a series of concepts/topics, for use over multiple years, with the physical class evolved to a discussion.

Feedback from SUTE comments

Feedback

Do not require students to use the internet for Assessment 4

Recommendation

Assignment 4 is an open-book exercise that is undertaken in a 3 h period within a 24 h period, on-line. As an open-book, on-line exercise, internet use is assumed. Therefore, questions need to be designed that recognize internet resources, including AIs, are available during the assessment exercise. While recognizing bandwidth limitations, more internet/AI use will be explored.

Feedback from SUTE comments

Feedback

Include more pasture and grazing examples.

Recommendation

BOTN13002 services Science, Environmental and Agricultural students, with a balance in content/examples required to maintain relevance to all groups. Agricultural examples have tended to cropping rather than pasture, which can be addressed by inclusion of more pasture case studies.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.
This information will be available on Monday 11 January 2027

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 11 January 2027

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.
This information will be available on Monday 15 February 2027

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.
This unit profile has not yet been finalised.