

In Progress

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



ENVR12001 Soil Science and Conservation

Term 1 - 2026

Profile information current as at 05/12/2025 02:47 pm

All details in this unit profile for ENVR12001 have been officially approved by CQU University 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

Soils are the physical and chemical foundation of terrestrial ecosystems and Australian soils are among the oldest and most fragile in the world. In this unit you will learn the origin of soils and how they are affected by geology, geography, climate, living organisms and time. You will develop soil classification and testing skills in the laboratory and in the field, and study the conservation, management and remediation of Australian soils.

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: CHEM11043 Atoms, Molecules and Matter or CHEM11041 Chemistry for the Life Sciences and BIOL11099 Living Systems or BIOL11102 Life Science Laboratory

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 - 2026

- 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 12 January 2026

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

Students reflected positively on teaching staff and commented that they learnt a lot of valuable skills and enjoyed the field trip/laboratory experience.

Recommendation

This comment reinforced the value of preparing thoroughly for the residential school to ensure all activities could be clearly explained and students could learn from them. Any staff teaching this unit in future should review the residential school handbook carefully to ensure activities and calculations are explained clearly to the students.

Feedback from Staff reflections

Feedback

Assessment 3 (End of term online quiz) is open to students using generative AI to come up with answers.

Recommendation

Replace Assessment 3 with an alternative type of assessment that has lower risk of academic integrity breaches through use of GenAI.

Feedback from Staff reflections

Feedback

Staff turnover in the unit coordinator role has been high and unit content has not been substantially reviewed and updated in the past 3 years.

Recommendation

Allocate unit coordinator role to a staff member who is likely to continue in the role and that staff member should review, and where relevant update, the unit content to reflect more recent trends and case study examples of soil conservation and management.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.

This information will be available on Monday 12 January 2026

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 12 January 2026

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.

This information will be available on Monday 16 February 2026

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.

This unit profile has not yet been finalised.