

In Progress

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



CHEM19085 *Environmental Chemistry*

Term 1 - 2026

Profile information current as at 05/02/2025 07:55 pm

All details in this unit profile for CHEM19085 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

This unit examines • air pollution: ozone depletion, sulfur oxides, photochemical smog and greenhouse effects; • water pollution; • inorganic and organic pollutants, surfactants and detergents; • hazardous wastes: classification, treatment, disposal; • pollution monitoring: sampling procedures, analytical methods and modelling techniques. You will be presented with the ecological and health effects of chemical pollution and these will be discussed. Renewable energy and energy utilisation is investigated. If you are a Distance education student, you will be required to attend a residential school for this unit.

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: CHEM11044 Chemical Reactions OR permission from Head of Course

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

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 Reflective practice

Feedback

Students often lack sufficient numeracy skills to understand some of the content or apply theory in a quantified manner.

Recommendation

A conversation about equipping students with mathematical skills should be undertaken at Course level to address the deficiency.

Feedback from Reflective practice

Feedback

Recent environmental concerns are not covered in the Unit.

Recommendation

More recent environmental concerns (e.g. emerging contaminants, microplastics, PFAS/PFOS/PFOA) should also be included in the content.

Feedback from Unit feedback

Feedback

The textbook has been unavailable at times.

Recommendation

A conversation with the Bookshop has begun to identify and address any issues regarding the procurement of the textbook for future offerings.

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.