

In Progress

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



BMSC11005 *Foundations of Biochemistry*

Term 1 - 2026

Profile information current as at 22/01/2025 08:36 pm

All details in this unit profile for BMSC11005 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

This unit will enable students to develop their knowledge and understanding of biomolecules and cell function, including the structure and biological role of amino acids, proteins, nucleic acids, carbohydrates and lipids. They will develop a basic understanding of how these biomolecules are synthesised, catabolised and interconverted through key biochemical pathways to meet the needs of the cell and organism, and will provide the necessary knowledge to begin to study disease and drug treatment at the cellular level. Students will also develop a theoretical understanding of methods used in biochemical analysis and develop literature searching skills in the recognition and use of primary sources of scientific information.

Details

Career Level: *Undergraduate*

Unit Level: *Level 1*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Prerequisites: CHEM11041 Chemistry for the Life Sciences or CHEM11042 Fundamentals of Chemistry or CHEM11043 Atoms, Molecules and Matter

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

- Online
- 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

Feedback

Students appreciated teaching technique and availability of the lecturer.

Recommendation

Maintain teaching team and style for future offerings.

Feedback from Self-reflection and SUTE feedback

Feedback

Some of the short answer questions in the online assessments need further clarification. They are slightly vague and can be somewhat ambiguous to the students.

Recommendation

Clarify the wording of the questions in the online quizzes.

Feedback from Self-reflection

Feedback

Unit needs an update in COVID material - both lecture material and test questions.

Recommendation

Allow time for Unit Coordinator to make these updates.

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.