

In Progress

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



BMSC12012 *Molecular Cell Biology*

Term 1 - 2027

Profile information current as at 17/09/2026 11:01 am

All details in this unit profile for BMSC12012 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 focuses on developing an understanding of how genomes are organised, how they function within the cell, how molecular medical treatments can be developed, ways in which we can manipulate genomes and utilise their components for a range of medical applications. You will explore the application of molecular techniques, such as polymerase chain reaction and next generation sequencing, and their revolutionary impact on diagnostic testing.

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

Prerequisite BMSC11002 Human Body Systems 2 AND BMSC11005 Foundations of Biochemistry OR BMSC11008 Medical Anatomy and Physiology 2 AND BMSC11005 Foundations of Biochemistry OR BMSC11011 Human Anatomy and Physiology 2 AND BMSC11005 Foundations of Biochemistry

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

- Bundaberg
- 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

Feedback

Students reported that some lectures were long and included repetition of content.

Recommendation

Streamline lectures to provide key overviews, and emphasise student self-directed study for additional learning.

Feedback from SUTE Comments

Feedback

Students felt they would benefit from additional preparation for the short answer questions on the exam.

Recommendation

Develop short answer quizzes for weekly content to help students prepare for the final exam.

Feedback from Student feedback

Feedback

Provide more guidance on scientific writing conventions.

Recommendation

Include information of scientific writing conventions for assessments.

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.