

In Progress

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



BLCN29005 *Building Information Modelling (BIM)*

Term 1 - 2027

Profile information current as at 07/09/2026 09:35 pm

All details in this unit profile for BLCN29005 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

Building Information Modelling (BIM), evolving into Building Lifecycle Management (BLM), is transforming the design, construction, and operation of built assets. Governments and industry sectors worldwide increasingly mandate BIM, making competency in BIM essential for construction professionals. In this unit, you will develop advanced knowledge and practical skills in BIM visualisation, modelling, coordination, and data management. You will explore contemporary BIM standards, collaborative workflows, lifecycle modelling concepts, project information requirements, and model-based communication. You will also examine the client's post-construction use of BIM and evaluate how BIM supports improved constructability, risk mitigation, and asset management. Throughout the term, you will apply BIM methodologies to realistic project environments, critically analyse professional BIM practices, and develop the skills required for successful BIM adoption in construction management.

Details

Career Level: *Postgraduate*

Unit Level: *Level 9*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Prerequisites: BLCN29003 Construction Measurement AND PPMP20008 Initiating and Planning Projects

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

- Brisbane
- Sydney

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

Feedback

Since this unit is very important, the Unit Coordinator should visit students at least once in 12 weeks so that he/she can share valuable information with the students.

Recommendation

Although the Unit Coordinator contacted students through forum posts, emails, etc., arranging some online sessions for Brisbane students might be a good idea.

Feedback from SUTE

Feedback

The Unit Coordinator is one person, the lecturer is another, and the tutor is a third person. Because of this, it is not efficient to link all the unit learning information together.

Recommendation

Following the resignation of full-time staff, online lectures were organised for Brisbane students, and a casual academic was appointed to provide tutorial sessions. A new full-time employee has been appointed in Brisbane, and this issue will be addressed.

Feedback from SUTE

Feedback

Short duration for the course, should be separate and available for two units.

Recommendation

BLCN29005 is an intensive unit in which students concurrently master many software applications. Nevertheless, it cannot be divided into distinct units owing to other unit requirements in CL82. Moreover, in a Master's program in construction management, most universities provide a single course on Building Information Modeling (BIM). This course offers a robust foundation in BIM, which students can further enhance through exploratory work.

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.