BLCN29005 *Building Information Modelling (BIM)*
Term 1 - 2026

Profile information current as at 05/12/2025 01:49 pm

General Information

Overview

The adoption of Building Information Modelling (BIM), which is developing into Building Lifecycle Management (BLM) within the built environment, is an advanced and developing technology that offers significant productivity and technical and environmental benefits. Governments worldwide have mandated the use of BIM in their projects, and various Australian governments and commercial developers are adopting this practice. In this unit, you will develop fundamental BIM knowledge and competencies that are rapidly becoming a core requirement for design and construction professionals. You will learn about recent developments in a construction-related discipline and/or area of professional practice. You will develop your understanding of research principles and methods applicable to your field of work and learn skills (BIM visualisation, creation and maintenance) essential for the successful adoption and maintenance of BIM in the construction industry, especially in the context of construction management. The client's post-construction use of BIM will be critically studied.

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: BLCN29001 Construction Technology BLCN29003 Construction Measurement AND BLCN29004 Construction Cost Planning
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

- 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

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
Since this unit is very important, the Uit 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 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.