

In Progress

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



BLAR12054 *Structural Design Processes*

Term 1 - 2027

Profile information current as at 13/09/2026 04:57 am

All details in this unit profile for BLAR12054 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

In this unit, you will be introduced to basic systems and calculations applied to structures of residential and commercial buildings. You will then extend your understanding of fundamental concepts and principles by referring to structural drawings and computational methods associated with various structures including timber, reinforced concrete and steel structures. The unit learning will cover essential knowledge areas of structural mechanics including loading and load paths, support systems, determinate and indeterminate structures, main structural elements (e.g. beams, columns), tension members and compression members. By the end of this unit, you will have developed a sound understanding of the application of design processes for common structures.

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

There are no requisites for this unit.

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

- Online

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 Students Unit Teaching Evaluation Unit Comments Report- T1- 2025

Feedback

Students found the unit was well presented, and the lecturer incorporated student feedback into his teaching and the unit delivery.

Recommendation

The same teaching strategy is recommended to adopt for the next delivery.

Feedback from Students Unit Teaching Evaluation Unit Comments Report- T1- 2025

Feedback

Some of the assessment questions could be further improved for clarity.

Recommendation

Generally, all assessment questions are peer-reviewed internally to improve clarity before they are released in Moodle. Apart from that, it is recommended to discuss all the assessment questions in class and in online forums, mainly using 'Discussion Forum'. Students are encouraged to contact the teaching team if further clarification is required.

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.