

In Progress

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



COIT20256 Object Oriented Development

Term 1 - 2026

Profile information current as at 23/01/2025 12:06 pm

All details in this unit profile for COIT20256 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 develop the skills to design and develop GUI-based object-oriented applications using a subset of the Java programming language and its libraries. Defensive programming – an integral component of secure programming – will be introduced and practiced. A focus of the unit will be an emphasis on current best practice in Java application development as it applies to processes, environments, design, coding, testing and documentation.

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

Pre-requisite: COIT20245 Introduction to Programming

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
- Melbourne
- Online
- Rockhampton
- 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 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 Head of Course

Feedback

The prerequisite unit has been modified. As from term 2, 2024, COIT20256 will become the first Java programming unit.

Recommendation

Change the name of the unit from Data Structures and Algorithms to Object Oriented Development. Change the learning outcomes for the unit. Change the content to match the new learning outcomes.

Feedback from Feedback from students and the teaching team

Feedback

Program assignments and tutorial exercises were engaging and helped students to understand the concepts being taught.

Recommendation

New tutorials and programming assessments will be developed to assess the new learning outcomes. However, the types of tasks and breakdown of marks will remain the same.

Feedback from Feedback from students

Feedback

Some students found that there was a lot of new content (and a large number of slides presented each week). They found the content, pace and concepts quite challenging.

Recommendation

The materials are to be redeveloped as a result of the changes to the prerequisite unit. Investigate options for providing additional support for students who find the unit challenging.

Feedback from Feedback from students and the teaching team

Feedback

The unit learning materials are useful and help the student learning.

Recommendation

While the positive feedback was pleasing this unit will have to undergo significant changes due to the changes to the prerequisite unit. From term 2 2024 this unit will become the first Java programming unit so its starting point and end point in terms of content will be different to the current unit. As a consequence, the learning outcomes have been modified for term 2 2024.

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.