

In Progress

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



COIT12213 *Foundations of Artificial Intelligence*

Term 2 - 2027

Profile information current as at 15/09/2026 05:39 pm

All details in this unit profile for COIT12213 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

The rapidly evolving field of artificial intelligence (AI) continues to extend the boundaries of machine capabilities. This unit is designed for undergraduate students seeking foundational knowledge of artificial intelligence and related emerging technological domains, including intelligent systems. You will be introduced to key application areas and gain a strong foundation for studying advanced artificial intelligence. You will explore core AI ideas, including problem-solving, machine learning, data-driven decision-making, predictive modelling, and the practical use of AI tools and techniques. You will be introduced to important application areas with a strong foundation laid for you to study advanced artificial intelligence.

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

Pre-requisite: COIT11222 Programming Fundamentals.

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 2 - 2027

- 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 17 May 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 Unit coordinator's reflection

Feedback

The current design of Assignment 1 does not adequately reflect the applied and analytical nature of the Applied Artificial Intelligence.

Recommendation

At present, Assessment 1 is designed as an online quiz, which may not effectively evaluate students' depth of understanding and conceptual application in Applied Artificial Intelligence. It is recommended that this task be redesigned as a practical, coding-based assessment to more accurately measure students' applied knowledge, analytical thinking, and problem-solving capabilities.

Feedback from Unit coordinator's reflection

Feedback

Assignments 2 and 3 could be strengthened in terms of assessment rigour. The current format may not fully capture students' depth of understanding.

Recommendation

Incorporate a viva or presentation component into Assignments 2 and 3 to more effectively assess students' conceptual understanding. This will allow markers to directly assess each student's understanding, confirm authorship of their work, and enhance the overall rigour and integrity of the assessment process.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.
This information will be available on Monday 17 May 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 17 May 2027

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.
This information will be available on Monday 21 June 2027

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.
This unit profile has not yet been finalised.