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

COIT20248 *Information Systems Analysis and Design*
Term 1 - 2027

Profile information current as at 12/11/2026 10:28 am

All details in this unit profile for COIT20248 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

Information systems analysis and design is a complex, challenging, and stimulating organisational process, that a team of business and systems professionals use to develop and maintain computer-based information systems. In this unit, you will learn the importance of responding to and anticipating problems through the innovative use of systems development process. You will learn how understanding user-centered design and task-centered design are fundamental to good systems design. In order to understand these concepts, you will study how to determine user-requirements and convert user requirements to system design. You will demonstrate this understanding by designing web-interfaces of given case studies and practical examples. You will study different phases of the systems development life cycle, which includes developing a system proposal, determining user requirements, designing a system, and applying key principles to the implementation of a system. You will also explore the organisational context and the iterative nature of systems analysis and design.

Details

Career Level: *Postgraduate*
Unit Level: *Level 8*
Credit Points: *6*
Student Contribution Band: *8*
Fraction of Full-Time Student Load: *0.125*

Pre-requisites or Co-requisites

Anti-requisites: COIS20025 Systems Development Overview. Students who have studied COIS20025 in the past cannot take COIT20248.
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
- 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 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 Student Unit and Teaching Evaluations

Feedback
The clear and knowledgeable explanation of systems analysis techniques (e.g., data flow diagrams, requirement gathering) was helpful to students in grasping complex ideas.

Recommendation
Should continue providing clear and knowledgeable explanations.

Feedback from Student Unit and Teaching Evaluations

Feedback
Effectively connected unit content to real-world applications, enhancing student understanding and relevance of the subject matter.

Recommendation
The practice of linking content to real-world applications has proven effective and should be sustained in future offerings to enhance student engagement and relevance.

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 11 January 2027

Academic Integrity Statement

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