

In Progress

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



ECHO12006 Cardiac Science

Term 1 - 2026

Profile information current as at 22/01/2025 08:43 pm

All details in this unit profile for ECHO12006 have been officially approved by CQU University 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 accurate diagnosis of cardiac conditions requires comprehensive knowledge of cardiac pathophysiology, and the outcomes of a variety of cardiovascular assessment procedures. In this unit you will be introduced to cardiac assessment within the catheterisation laboratory. You will learn how to interpret a 12-lead electrocardiogram (ECG), and how to assess cardiac structure and function by performing a two-dimensional echocardiographic examination. Within the ethical framework of best practice, you will examine simulated case-based clinical information. You will explore the outcomes of cardiac diagnostic procedures, formulate differential diagnoses and patient management strategies for a variety of common cardiovascular pathologies. Attendance at practical activities is a requirement of this unit.

Details

Career Level: *Undergraduate*

Unit Level: *Level 2*

Credit Points: *12*

Student Contribution Band: *8*

Fraction of Full-Time Student Load: *0.25*

Pre-requisites or Co-requisites

Pre-requisite ECHO11003 Fundamentals of Cardiac Science AND ALLH11009 Research Methods for Health Professionals AND MEDI11004 Professional Practice AND ECHO11002 Cardiac Structure and Function and ECHO11004 Biochemistry for Cardiac Pharmacology Co-requisite MEDS12001 Physics of Ultrasound and MPAT12001 Medical Pathophysiology 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

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 SUTE

Feedback

Students found the cardiac catheterization lectures difficult to follow due to the extensive verbal content, sparse slide information, and lengthy duration.

Recommendation

The cardiac catheterisation lectures should be reviewed with a focus on highlighting the important information on the lecture slides and presenting information in a concise way.

Feedback from SUTE

Feedback

The ECQ quiz had many images that took time analyse making it difficult to complete the task in the required time frame.

Recommendation

The format and timing of the ECG quiz should be reviewed. Students will continue to be reminded to complete the online quiz on campus to ensure adequate computer speed to access the images in a timely manner.

Feedback from My Experience

Feedback

Feedback from tutors in laboratory sessions did not consistently offer clear guidance on areas for improvement.

Recommendation

Resources should be provided to tutors to enhance their feedback provisions.

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.