In Progress

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

GEOG12020 *Australian Weather and Climate*

Term 2 - 2026

Profile information current as at 05/02/2025 04:23 pm

All details in this unit profile for GEOG12020 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 saying, “climate is what you expect, weather is what you get”, sums up why you will study atmospheric processes from two different time perspectives in this unit. You will examine how the atmosphere, the oceans and the land exchange radiation, heat and water to create the physical structure and circulation characteristics of the troposphere. You will explore the forces that create the life-cycle of weather features with particular attention to Australian examples. Your study will examine how these features are depicted in weather maps. The importance of time and spatial scales with respect to weather systems will be emphasised. In recent years, atmospheric research has unmasked a range of longer-term climate features that have a profound influence on Australian weather. You will learn how the fluctuations of these climate structures affect our region. You will gain introductory experience in using weather data from instruments, radar, satellites and weather models. This will lead to an examination of climate data – where to find it and how to use it. You will examine case studies of Aboriginal and Torres Strait Islander peoples' weather knowledge.

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

18 Units of Credit
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 - 2026

- 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 18 May 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 Student feedback.

Feedback
The learning material content is too large.

Recommendation
The unit learning material will be reviewed to trim the content.

Feedback from Student feedback.

Feedback
The use of Mean Sea-level Pressure charts could be scaffolded better for non-environmental science students.

Recommendation
The unit learning material will be reviewed to provide content suitable for students taking the unit as an elective.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.

This information will be available on Monday 18 May 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 18 May 2026

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.

This information will be available on Monday 22 June 2026

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.

This unit profile has not yet been finalised.