

In Progress

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



GEOG13015 Remote Sensing of Environment

Term 1 - 2025

Profile information current as at 21/11/2024 11:40 pm

All details in this unit profile for GEOG13015 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

Remote sensing is one of the most important and widely applied methods for monitoring natural and built environments. Satellite images help society understand the Earth's atmospheric, terrestrial, and aquatic environments. Information extracted from images is used to map and monitor land cover and biophysical changes (i.e. land-use change, vegetation health, crop yields, ozone concentration, soil moisture). Satellite images are often integrated into Geographic Information Systems (GIS) to support environmental management. In this unit, you will learn the spectral and spatial concepts that underpin multi-band image biophysical classification schemes. You will spend time practising image acquisition, processing and interpretation steps. Given the continued proliferation of satellite and airborne vehicle acquired images, such skills will increasingly be in demand.

Details

Career Level: *Undergraduate*

Unit Level: *Level 3*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Completion of 18 credit points

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 - 2025

- 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 13 January 2025

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

Review and update learning materials and assessments. Some of the materials are dated and based on earlier versions of the remote sensing software used in the unit.

Recommendation

Review and update all learning materials and assessments for this unit. Ensure that the guidelines or procedures provided for mapping purposes are in sync with the current version of the remote sensing software in use.

Feedback from SUTE

Feedback

Schedule a weekly tutorial to complement pre-recorded lectures and other materials provided on Moodle.

Recommendation

Schedule a one-hour weekly tutorial to respond to students' questions or provide further guidance on certain aspects of the unit. Consult with the students about the time and day of the tutorial.

Feedback from SUTE

Feedback

Balance the weekly workload. Currently, some weeks have significantly higher workloads than others.

Recommendation

Rationalise the workload and ensure that all the 12 weeks of term have nearly the same workload.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.

This information will be available on Monday 13 January 2025

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 13 January 2025

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.

This information will be available on Monday 17 February 2025

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.

This unit profile has not yet been finalised.