

## In Progress

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



# AGRI13006 Data Management & Analysis for Agriculture

## Term 1 - 2022

Profile information current as at 09/05/2024 12:37 am

All details in this unit profile for AGRI13006 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

This unit provides you with the skills and techniques to analyse and manage data, interpret results, and report data analysis methods and findings in an agricultural science environment. Qualitative and quantitative research approaches are examined to consider their contributions to knowledge development through empirical research. Computer software most suitable to agricultural science data management and analysis will be introduced, including GIS for specified data. The unit assessment includes research reports designed to develop and demonstrate your ability to apply knowledge and skills to analysing qualitative and quantitative data and reporting your research findings.

### Details

Career Level: *Undergraduate*

Unit Level: *Level 3*

Credit Points: 6

Student Contribution Band: 7

Fraction of Full-Time Student Load: 0.125

### Pre-requisites or Co-requisites

Prerequisite SCIE11023 Science Communication AND AGRI11004 Research in Agriculture AND one of the following AGRI13004 Livestock Industry Placement or AGRI13005 Cropping Industry Placement or AGRI13003 Agricultural Service Industry Placement

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 - 2022

No offerings for AGRI13006

### 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

### Recommended Student Time Commitment

Each 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

### Class Timetable

#### [Regional Campuses](#)

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

#### [Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

### Assessment Overview

#### Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the [University's Grades and Results Policy](#) for more details of interim results and final grades.

## 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 Have Your Say (Student Moodle evaluation)

##### **Feedback**

The UC responded to student enquiries in a helpful and timely manner.

##### **Recommendation**

This is last offering of this unit.

## Unit Learning Outcomes

**On successful completion of this unit, you will be able to:**

1. Develop appropriate research questions.
2. Design and conduct a qualitative data analysis.
3. Design and conduct a quantitative data analysis.
4. Manage and manipulate data using statistical software packages.
5. Demonstrate proficiency in integrating GIS data analysis with statistical analysis.

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
<b>1 - Group Discussion - 0%</b>	•				
<b>2 - Group Work - 40%</b>		•	•	•	•
<b>3 - Written Assessment - 60%</b>		•	•	•	•

### Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes				
	1	2	3	4	5
<b>1 - Communication</b>	•	•	•	•	•
<b>2 - Problem Solving</b>	•	•	•		•
<b>3 - Critical Thinking</b>	•	•	•	•	•
<b>4 - Information Literacy</b>	•	•	•		
<b>5 - Team Work</b>	•	•	•	•	•
<b>6 - Information Technology Competence</b>		•	•	•	•
<b>7 - Cross Cultural Competence</b>	•	•	•	•	
<b>8 - Ethical practice</b>	•	•	•	•	
<b>9 - Social Innovation</b>					
<b>10 - Aboriginal and Torres Strait Islander Cultures</b>					

## Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Group Discussion - 0%	•	•	•	•	•		•	•		
2 - Group Work - 40%	•	•	•	•	•	•	•	•		
3 - Written Assessment - 60%	•	•	•	•	•	•	•	•		

## Textbooks and Resources

### Textbooks

Information for Textbooks is not yet available.

The textbooks have not yet been finalised.

### IT Resources

**You will need access to the following IT resources:**

## Referencing Style

Information for Referencing Style has not been released yet.

This unit profile has not yet been finalised.

## Teaching Contacts

Information for Teaching Contacts has not been released yet.

This unit profile has not yet been finalised.

## Assessment Tasks

Information for Assessment Tasks has not been released yet.

This unit profile has not yet been finalised.

## Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.

This unit profile has not yet been finalised.