AGRI12002 *Crop Protection*
Term 2 - 2018

Profile information current as at 04/05/2024 03:37 am

All details in this unit profile for AGRI12002 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 covers planning and management of long-term weed, pest and disease control in crops, including the principles and practices of crop protection in a crop management system. You will identify the standard required to interpret information, implement and monitor control procedures and strategies, evaluate and record control strategies and plan land use according to control strategies. You will have access to real crop production systems to develop underpinning knowledge and practices.

Details

Career Level: *Undergraduate*
Unit Level: *Level 2*
Credit Points: *6*
Student Contribution Band: *7*
Fraction of Full-Time Student Load: *0.125*

Pre-requisites or Co-requisites

Prerequisite AGRI11002 Crop Management Systems
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 - 2018

- Bundaberg
- Emerald
- Mixed Mode
- Rockhampton

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
1. **Written Assessment**
Weighting: 50%
2. **Written Assessment**
Weighting: 50%

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 you say - students

Feedback

More explanation and details on the assessment task.

Recommendation

Requirements for the first assessment task were not clear. The second assessment task challenged the students although most of them completed the task to a high level. Both assessment will be revised and modified, more information about the assessment will be added to the Moodle page.

Feedback from Have you say - students

Feedback

More clarification on what is needed from the assignment, as everyone understands it a different way.

Recommendation

Requirements for the first assessment task were not clear. This assessment will be revised and modified. More information about the assessment requirements will be added to the Moodle page.

Feedback from Have you say - students

Feedback

To have the lecture before the prac.

Recommendation

Some issues with timetabling and schedule of lectures, tutorials and pracs due to changes in the Admin staff.

Unit Learning Outcomes

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

1. Explain the pest, weed and/or diseases relevant to a given crop production enterprise.
2. Analyse data to determine long-term weed, pest and/or disease control strategies.
3. Assess the effect on crops of weeds, pests and/or diseases.
4. Develop an integrated weed, pest and/or disease management plan for a crop production system.
5. Evaluate weed, pest and/or disease control strategies for a crop production system.

Alignment of Learning Outcomes, Assessment and Graduate Attributes

	N/A Level		Introductory Level		Intermediate Level		Graduate Level		Professional Level		Advanced Level

Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - Written Assessment - 50%	●		●		
2 - Written Assessment - 50%		●		●	●

Alignment of Graduate Attributes to Learning Outcomes

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

Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Written Assessment - 50%	●	●	●	●		●	●	●		
2 - Written Assessment - 50%	●	●	●	●	●	●	●	●		

Textbooks and Resources

Textbooks

There are no required textbooks.

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

Referencing Style

All submissions for this unit must use the referencing style: [American Psychological Association 6th Edition (APA 6th edition)](#)
For further information, see the Assessment Tasks.

Teaching Contacts

Daniel Cozzolino Unit Coordinator
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Schedule

Week 1 - 09 Jul 2018		
Module/Topic	**Chapter**	**Events and Submissions/Topic**
Background to crop protection		

Week 2 - 16 Jul 2018		
Module/Topic	**Chapter**	**Events and Submissions/Topic**
Biology of bacteria and virus. Implications and main crop diseases.		

Week 3 - 23 Jul 2018		
Module/Topic	**Chapter**	**Events and Submissions/Topic**
Biology of fungus. Implications and main crop diseases.		

Week 4 - 30 Jul 2018		
Module/Topic	**Chapter**	**Events and Submissions/Topic**
Biology of insects. Implications and main crop diseases.		

Week 5 - 06 Aug 2018		
Module/Topic	**Chapter**	**Events and Submissions/Topic**
Biology of weeds. Implications and main crop diseases.		**Identification and diagnostic report** Due: Week 5 Friday (10 Aug 2018) 5:00 pm AEST

Vacation Week - 13 Aug 2018		
Module/Topic	**Chapter**	**Events and Submissions/Topic**

Week 6 - 20 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
Diseases - integrated pest management.		

Week 7 - 27 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
Diseases - integrated pest management		

Week 8 - 03 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
Pests - integrated pest management		

Week 9 - 10 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
Pests - integrated pest management		

Week 10 - 17 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
Weeds - integrated pest management		

Week 11 - 24 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
Weeds - integrated pest management		

Week 12 - 01 Oct 2018

Module/Topic	Chapter	Events and Submissions/Topic
Control strategies		**Integrated Pest Management Plan** Due: Week 12 Friday (5 Oct 2018) 5:00 pm AEST

Review/Exam Week - 08 Oct 2018

Module/Topic	Chapter	Events and Submissions/Topic

Exam Week - 15 Oct 2018

Module/Topic	Chapter	Events and Submissions/Topic

Assessment Tasks

1 Identification and diagnostic report

Assessment Type
Written Assessment

Task Description
You are required to write a report by selecting one pest, one disease and one weed of economical importance in a selected crop or crops. You are required to provide with the scientific and common names of the pest, disease and weed, identify and describe the main symptoms of the pest, disease and weed in the selected crop, describe the biological cycle of the pest, disease and weed and its relationship with the crop (e.g. damage, susceptibility), provide with data related with the importance of the disease in relation to its geographical distribution, climate or weather variables that favour the spread of the disease. Maximum total word limit is 2000 words. The report should include an introduction, main body of your report containing the points above and a summary or conclusion.

Assessment Due Date
Week 5 Friday (10 Aug 2018) 5:00 pm AEST

Return Date to Students

10 days working days after due date.

Weighting
50%

Minimum mark or grade
50%

Assessment Criteria
Marks are awarded for:
1. the quality of the background review (40%);
2. the discussion of this information in context of the question asked (40%);
3. the clarity of English expression, spelling, grammar, accuracy of referencing, use of figures and tables, appropriate length (20%).

Referencing Style

- American Psychological Association 6th Edition (APA 6th edition)

Submission
Online

Learning Outcomes Assessed

- Explain the pest, weed and/or diseases relevant to a given crop production enterprise.
- Assess the effect on crops of weeds, pests and/or diseases.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

2 Integrated Pest Management Plan

Assessment Type
Written Assessment

Task Description
Integrated Pest Management Plan.
In this assessment you will develop an Integrated Pest Management Plan for a selected cropping systems with the aim of ensuring a profitable crop. The written assessment will include the identification of weeds, vertebrate and invertebrate pests and diseases that affect the cropping system selected, provide with economical data that describes the importance of the disease, pest and weed for the selected crop. You will evaluate the practical and financial viability of your plan, its environmental sustainability and possible impacts on other farm enterprises. Maximum total word limit is 3000 words. The report should include an introduction, main body of your report containing the points above and a summary or conclusion.

Assessment Due Date
Week 12 Friday (5 Oct 2018) 5:00 pm AEST

Return Date to Students

10 days working days after due date.

Weighting
50%

Minimum mark or grade
50%

Assessment Criteria
Marks are awarded for:
1. the quality of the background review (30%);
2. the discussion of this information in context of the question asked (50%);
3. the clarity of English expression, spelling, grammar, accuracy of referencing, use of figures and tables, appropriate length (20%).

Referencing Style

- [American Psychological Association 6th Edition (APA 6th edition)](#)

Submission
Online

Learning Outcomes Assessed

- Analyse data to determine long-term weed, pest and/or disease control strategies.
- Develop an integrated weed, pest and/or disease management plan for a crop production system.
- Evaluate weed, pest and/or disease control strategies for a crop production system.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the **Student Academic Integrity Policy and Procedure**. This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

What is a breach of academic integrity?
A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

Why is academic integrity important?
A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

Where can I get assistance?
For academic advice and guidance, the Academic Learning Centre (ALC) can support you in becoming confident in completing assessments with integrity and of high standard.

What can you do to act with integrity?

Be Honest
If your assessment task is done by someone else, it would be dishonest of you to claim it as your own

Seek Help
If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)

Produce Original Work
Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem