



# AGRI12001 *Animal Health and Welfare*

## Term 1 - 2024

Profile information current as at 19/05/2024 07:06 am

All details in this unit profile for AGRI12001 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 will provide you with an holistic approach to evaluating and maintaining animal health and well-being in a variety of settings, with a particular focus on livestock industries. You will learn about the key concepts of animal welfare and their applications, as well as the cause, impact, treatment and prevention of animal diseases, including selected exotic and zoonotic diseases. You will develop practical and technical skills that can be used to address animal health and welfare challenges. You will explore some of the regulations regarding animal health and welfare and develop strategies for implementing these in a variety of settings, especially livestock supply chains. You will learn about the importance of animal health and welfare to the economic and social outputs of animal-based industries both in Australia and overseas.

### 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

There are no requisites for this unit.

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 - 2024

- 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).

### Residential Schools

This unit has a Compulsory Residential School for distance mode students and the details are:

Click here to see your [Residential School Timetable](#).

### 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. **Presentation**

Weighting: 20%

#### 2. **Practical and Written Assessment**

Weighting: 50%

#### 3. **Written Assessment**

Weighting: 30%

### 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 Class feedback and unit coordinator observation

##### Feedback

Student feedback in the residential school indicated that this activity was a highlight. The residential school acted as a catalyst for engagement in the unit.

##### Recommendation

The practical activities of the residential school seemed to act as a catalyst for student engagement, while this is likely typical of most units, particularly in the Bachelor of Agriculture, it highlights the role of "hands on" activities. The unit coordinator should explore options to introduce such activities earlier in the term, including through the use of materials sent to students.

#### Feedback from Student unit evaluation feedback and unit coordinator observation

##### Feedback

Case-based activities in tutorials and the residential school were effective strategies for achieving unit learning outcomes.

##### Recommendation

The various problem- or case-based scenarios in tutorials and the residential school were useful strategies for conveying and achieving the unit learning outcomes. In particular students were able to identify and treat and animal health issues in the residential school. Where possible, this should be implemented again in future iterations of AGRI12001.

## Unit Learning Outcomes

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

1. Evaluate the health and welfare of animals
2. Develop and implement animal health and welfare strategies
3. Critique animal welfare codes of practice and legislation
4. Discuss the link between animal health and livestock production economics.

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Presentation - 20%				•
2 - Practical and Written Assessment - 50%	•	•		
3 - Written Assessment - 30%			•	

## Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
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 - Presentation - 20%	•	•	•	•	•	•	•	•		
2 - Practical and Written Assessment - 50%	•	•	•	•		•	•	•		
3 - Written Assessment - 30%	•		•	•		•	•	•		

## 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)
- Access to a spreadsheet program such as Excel
- PowerPoint
- Word processing software such as MS Word

## Referencing Style

All submissions for this unit must use the referencing styles below:

- [Harvard \(author-date\)](#)
- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

For further information, see the Assessment Tasks.

## Teaching Contacts

**Saba Sinai** Unit Coordinator  
[s.sinai@cqu.edu.au](mailto:s.sinai@cqu.edu.au)

## Schedule

### Week 1 - 04 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to Animal Health and Welfare	Readings for this unit will be provided via Moodle	

### Week 2 - 11 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
Principles of Animal Disease and Zoonoses	Readings for this unit will be provided via Moodle	

### Week 3 - 18 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
Biosecurity, Market Access and Traceability	Readings for this unit will be provided via Moodle	

### Week 4 - 25 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
Integumentary System 1	Readings for this unit will be provided via Moodle	<b>Assessment 1 International Livestock Production and Market Access Presentation:</b> Both PART A (Presentation) and PART B (response to questions) will be delivered together during a live presentation in Week 4 (between Monday 25/03/2024 - Thursday 28/03/2024). Students will be able to select a preferred presentation time via a resource on the AGRI12001 Moodle site. Slides for the presentation (PART A) must be submitted to Moodle by 9am AEST on Monday March 25, 2024.

### Week 5 - 01 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
Integumentary System 2	Readings for this unit will be provided via Moodle	

### Vacation Week - 08 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
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### Week 6 - 15 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
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Musculoskeletal and Nervous Systems Readings for this unit will be provided via Moodle

#### Week 7 - 22 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
Circulatory and Respiratory Systems	Readings for this unit will be provided via Moodle	

#### Week 8 - 29 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
Residential School: Thursday to Saturday 02/05/2024 to 04/05/2024	Readings for this unit will be provided via Moodle	<b>Practical Activities and Report Due: Part A</b> will be completed on the first day of the residential school (Thursday 2 May 2024). <b>Part B</b> will be completed during the residential school (Thursday 2 May 2024 to Saturday 4 May 2024).

#### Week 9 - 06 May 2024

Module/Topic	Chapter	Events and Submissions/Topic
Digestive System 1: Infectious diseases of the digestive system	Readings for this unit will be provided via Moodle	

#### Week 10 - 13 May 2024

Module/Topic	Chapter	Events and Submissions/Topic
Digestive System 2: Nutrition and Toxicology	Readings for this unit will be provided via Moodle	

#### Week 11 - 20 May 2024

Module/Topic	Chapter	Events and Submissions/Topic
Reproductive System	Readings for this unit will be provided via Moodle	<b>Practical Activities and Report Due:</b> Part C Due Week 11 Tuesday (21 May 2024) 11:45pm AEST

#### Week 12 - 27 May 2024

Module/Topic	Chapter	Events and Submissions/Topic
Endocrine system and stress	Readings for this unit will be provided via Moodle	<b>Animal Welfare Legislation Assessment Due:</b> Week 12 Friday (31 May 2024) 11:45 pm AEST

#### Review/Exam Week - 03 Jun 2024

Module/Topic	Chapter	Events and Submissions/Topic
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#### Exam Week - 10 Jun 2024

Module/Topic	Chapter	Events and Submissions/Topic
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## Assessment Tasks

### 1 International Livestock Production and Market Access Presentation

#### Assessment Type

Presentation

#### Task Description

Assessment 1 is a presentation-based two part assessment relating to the connection between livestock health and market access. Both PART A (Group presentation) and PART B (Individual assessment, response to questions) will be delivered together during a live presentation in Week 4 (Monday 25/03/2024 - Thursday 28/03/2024). Students will be able to select a preferred presentation time via a resource on the AGRI12001 Moodle site. Slides for the presentation (PART A) must be submitted to Moodle by Monday of Week 4 at 9am AEST (25 March 2024).

#### Assessment 1 PART A Group presentation (10%)

You will be pre-assigned a group and a low- or middle-income country to prepare and present a 15-minute live presentation as a group. In your presentation you must discuss how the allocated nation can improve its livestock production sector, with a particular emphasis on increased livestock product exports (milk, wool, eggs, meat, etc.). You must make biosecurity a key aspect of your considerations for improving market access capabilities of the relevant national livestock industry. All group members will receive the same mark for this assessment. Your presentation will be presented live in Week 4 and should be presented in the following format:

- Introduction and overview of the presentation
- Introduction to the relevant country and its economy.
- Analysis of the assigned national livestock industry. This may include:
  - Historical context.
  - Major livestock species.
  - Economic performance of the livestock sector.
  - Barriers to export growth (this may include major diseases in the livestock sector.)
  - Current biosecurity arrangements.
- Future directions for the assigned national livestock industry, including:
  - Opportunities for export growth and development.
  - Emerging biosecurity challenges.
  - Viable strategies to strengthen biosecurity arrangements.
- Statement of contribution
- Conclusion.
- References (you must include at least 15).

### **Assessment 1 PART B Individual assessment, response to questions (10%)**

Each member of the group will be required to respond to at least two questions after the conclusion of the presentation. The questions may relate to any aspect of the presentation.

### **Assessment Due Date**

Both PART A (Presentation) and PART B (response to questions) will be delivered together during a live presentation in Week 4 (between Monday 25/03/2024 - Thursday 28/03/2024). Students will be able to select a preferred presentation time via a resource on the AGR112001 Moodle site. Slides for the presentation (PART A) must be submitted to Moodle by 9am AEST on Monday March 25, 2024.

### **Return Date to Students**

Vacation Week Friday (12 Apr 2024)

### **Weighting**

20%

### **Minimum mark or grade**

50%

### **Assessment Criteria**

For Part A you will be marked based on your:

1. Ability to describe the relevant livestock industry.
2. Analysis of the assigned national livestock industry, with particular attention to biosecurity market access.
3. All other presentation content as outlined in the format.
4. Clear and professional communication.
5. Adherence to the time limit.
6. The use of references to support your claims.

For Part B you will be marked based on your:

1. Ability to insightfully and clearly answer the questions
2. Clear and professional communication.
3. The use of references to support your claims where necessary.

### **Referencing Style**

- [Harvard \(author-date\)](#)
- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

### **Submission**

Online Group

### **Submission Instructions**

One member of the group should submit the slides for Part A via Moodle. All students must be present for the live presentation.

## Learning Outcomes Assessed

- Discuss the link between animal health and livestock production economics.

## Graduate Attributes

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

## 2 Practical Activities and Report

### Assessment Type

Practical and Written Assessment

### Task Description

Assessment 2 is comprised of three parts.

#### **PART A Residential School Test (20%):**

You will be required to complete a written test during the first session of the Residential School in Week 8. The test will consist of 30 questions, a mixture of multiple choice and short answer questions. The test will be based on material covered in Weeks 1 to 7, related to the Residential School. Practice questions and more information will be provided through Moodle.

#### **PART B Practical Attendance & Booklet (5%):**

You must successfully attend the AGRI12001 Residential School in Week 8, and complete the practical booklet.

#### **PART C Written Report (25%):**

Based on the skills learnt during PART B Practical Booklet and the results generated during the AGRI12001 Residential School, you will be required to develop a range of strategies related to the diagnosis, prevention and/or treatment of a range of animal health and welfare issues in the form of a written report. A template will be provided to you for completing this assessment. The health and welfare strategies you develop in response to this assessment must be based on evidence gathered from reputable sources including peer-reviewed journal articles, industry reports and government documents. The total word count for this assessment is 2000 words, not including headings, figure legends, tables and references.

### Assessment Due Date

Part A will be completed on the first day of the residential school (Thursday 2 May 2024). Part B will be completed during the residential school (Thursday 2 May 2024 to Saturday 4 May 2024). Part C is due on Tuesday Week 11 (21 May 2024) at 11:45pm AEST.

### Return Date to Students

Marks for Parts A and B will be released no later than the end of Week 10. Feedback and marks for Part C will be released by Tuesday of Review/Exam Week.

### Weighting

50%

### Minimum mark or grade

50%

### Assessment Criteria

You will be assessed on:

- Your knowledge of concepts in weeks 1 to 7
- Your attendance at the residential school
- Your successful completion of all practical tasks associated with the residential school
- Your understanding of the basic biology of livestock diseases/health issues and how they impact livestock production
- Your understanding of animal welfare issues
- Your understanding of prevention, biosecurity and treatment strategies
- Your ability to identify, analyse and explain relevant laws, regulations and disease reporting requirements
- Your adherence to the word count (within allowable 10% leeway)
- Clear and understandable writing



- Consistent and relevant referencing
- Any formatting with regards to figures, table and graphs, including clear captions
- Your ability to draw on a variety of resources, mostly from peer-reviewed academic journal articles, government documents and industry publications to support your claims

### Referencing Style

- [Harvard \(author-date\)](#)
- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

### Submission

Online

### Submission Instructions

Part A and B will be completed during the residential school. Part C must be submitted through Moodle in doc or docx format.

### Learning Outcomes Assessed

- Evaluate the health and welfare of animals
- Develop and implement animal health and welfare strategies

### Graduate Attributes

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

## 3 Animal Welfare Legislation Assessment

### Assessment Type

Written Assessment

### Task Description

Assessment 3 (worth 30%) is a written assessment that requires you to critique animal welfare codes of practice and legislation. You will critique five statements based on animal welfare issues, codes of practice and legislation in Australia and internationally that were covered in the learning material for Weeks 1 to 10. In forming your critique, you should draw on peer-reviewed journal articles, government documents, legislation, industry reports and news media from reputable sources. Each statement has a maximum word count of 400 words (2,000 words in total for the five statements).

### Assessment Due Date

Week 12 Friday (31 May 2024) 11:45 pm AEST

### Return Date to Students

Exam Week Friday (14 June 2024)

### Weighting

30%

### Minimum mark or grade

50%

### Assessment Criteria

You will be assessed on:

- Your understanding and analysis of animal welfare codes of practice and legislation
- Your use of scientific, sociological, economic, political and other evidence to support your position
- Your adherence to the word count (within allowable 10% leeway)
- Clear and understandable writing
- Consistent and relevant referencing
- Any formatting with regards to figures, table and graphs, including clear captions
- Your ability to draw on a variety of resources, mostly from peer-reviewed academic journal articles, government documents and industry publications to support your claims

**Referencing Style**

- [Harvard \(author-date\)](#)
- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

**Submission**

Online

**Submission Instructions**

Submission through Moodle in doc or docx format.

**Learning Outcomes Assessed**

- Critique animal welfare codes of practice and legislation

**Graduate Attributes**

- Communication
- Critical Thinking
- Information Literacy
- 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