AGRI11003 *Livestock Production*
Term 1 - 2023

Profile information current as at 08/05/2024 11:59 am

All details in this unit profile for AGRI11003 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

In this unit, you will learn the fundamentals of livestock production by gaining exposure to a range of extensive and intensive livestock production systems. You will learn about livestock anatomy, nutrition, health, welfare, management and markets, and enhance your knowledge on current issues, innovations and new and emerging opportunities for precision livestock management. As a foundation unit, the learning outcomes will provide you with the necessary knowledge for future units in the Bachelor of Agriculture.

Details

Career Level: *Undergraduate*
Unit Level: *Level 1*
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 - 2023

- 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 and Written Assessment**
Weighting: 25%
2. **Peer assessment**
Weighting: 5%
3. **Portfolio**
Weighting: 40%
4. **Online Test**
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 In Class

Feedback
The residential school was a highlight of the unit

Recommendation
Continue to ensure that the residential school provides new and unique opportunities to students across a number of industries.

Feedback from Student Unit Evaluation

Feedback
Greater student assistance and feedback with assessment tasks
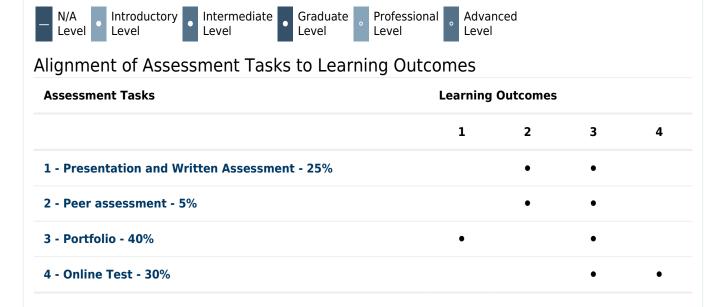
Recommendation
Continue to provide zoom pop in assessment help sessions as an additional opportunity for students to receive assistance with their assessment tasks.

Unit Learning Outcomes

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

1. Determine management options and production targets for a livestock enterprise
2. Select, test and implement appropriate livestock innovations into farm activities
3. Develop a livestock management and risk mitigation plan
4. Critique and apply the ethics and legal requirements of livestock management systems.

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**
1 - Presentation and Written Assessment - 25%		●	●	
2 - Peer assessment - 5%		●	●	
3 - Portfolio - 40%	●		●	
4 - Online Test - 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 and Written Assessment - 25%	•		•	•	•	•		•		
2 - Peer assessment - 5%					•			•		
3 - Portfolio - 40%	•	•	•	•		•		•		
4 - Online Test - 30%	•	•	•							

Textbooks and Resources

Textbooks

AGRI11003

Supplementary

Beef Cattle Production and Trade
(2014)
Authors: David Cottle, Lewis Kahn
CSIRO Publishing
Collingwood , VIC , Australia
ISBN: 9780643109889
Binding: Hardcover

Additional Textbook Information
This book is available to read online through the Library website. If you would like your own copy, you can purchase either paper or eBook copies at the CQUni Bookshop here: http://bookshop.cqu.edu.au (search on the Unit code).

View textbooks at the CQUniversity Bookshop

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Microsoft Excel
- Microsoft Powerpoint
- Microsoft Word
- Camera and microphone for attending Zoom tutorials and completing presentation assessment task

Referencing Style

All submissions for this unit must use the referencing style: Harvard (author-date)
For further information, see the Assessment Tasks.

Teaching Contacts

Jaime Manning Unit Coordinator
j.k.manning@cqu.edu.au

Schedule

Week 1 - Introduction and Australian Livestock Systems - 06 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
Unit introduction, assessment requirements and introduction to Australian livestock systems		

Week 2 - Livestock Anatomy - 13 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
Basic animal anatomy with livestock examples		

Week 3 - Livestock Physiology - 20 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic

Livestock physiology and digestion, with a focus on ruminants and monogastrics

Week 4 - Livestock Nutrition - 27 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
Basic animal nutrition, differences between livestock species, feed rations and designs		

Week 5 - Livestock Management and Production Targets - 03 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
Livestock management and running a successful enterprise		**Livestock Innovations** (Part A - Group presentation) Due: Week 5 Friday (7 Apr 2023) 5:00 pm AEST

Vacation Week - 10 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
		Livestock Innovations Peer Evaluation Due: Vacation Week Friday (14 Apr 2023) 5:00 pm AEST

Week 6 - Livestock Behaviour and Handling - 17 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to livestock behaviour and its relevance to low stress handling		

Week 7 - Livestock Innovations - 24 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
Sustainability within systems, future challenges and innovations		

Week 8 - Products and Markets - 01 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
Products and markets, market specifications and meat quality		

Week 9 - Farm Biosecurity - 08 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
Farm biosecurity practices, spread of disease and investigating pathogens		**Livestock Innovations** (Part B - Individual written report) Due: Week 9 Friday (12 May 2023) 5:00 pm AEST

Week 10 - Residential School - 15 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
Residential school		The residential school will be held on 15/5/2023 – 16/5/2023
		Practical Portfolio Due: Week 10 Tuesday (16 May 2023) 5:00 pm AEST

Week 11 - Ethical and Legal Requirements - 22 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
Ethical and legal requirements of livestock production		

Week 12 - Summary - 29 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
Livestock production summary		

Review Week - 05 Jun 2023

Module/Topic	Chapter	Events and Submissions/Topic
		Online Test Due: Review/Exam Week Wednesday (7 June 2023) 5:00 pm AEST

Exam Week - 12 Jun 2023

Module/Topic	Chapter	Events and Submissions/Topic

Assessment Tasks

1 Livestock Innovations

Assessment Type
Presentation and Written Assessment

Task Description
This assessment, "Livestock innovations" compromises of two (2) parts and accounts for 25% of your final mark:
PART A - Group presentation (10%):
Prepare and deliver an 8-minute group presentation, introducing an assigned livestock production system (poultry, pigs, dairy, beef or sheep). You will be assigned a group and required to pre-record a presentation that covers the following aspects:

- The scale and size of the industry in Australia
- The geographic and climatic location of this livestock production system and at least two reasons why
- An overview of the annual production calendar
- One difference between this livestock production system in Australia compared to overseas

PART B - Individual written report (15%):
Using the same livestock production system as Part A - Group presentation, select one innovation for this system (each member of the group must have a different innovation). Prepare an individual report (essay format) which includes the following components:

- Introduction to the innovation (technology, management decision etc) within the livestock production system and give a brief history of its development
- Impacts of the innovation on business goals and objectives for a specific enterprise
- How can the innovation improve the livestock enterprise?
- Are there costs (both financial and physical/social/time etc) associated with implementation of this innovation?
- An assessment of whether or not this innovation should be utilised in the specific system in Australia

The information provided in the essay must be supported by use of references.
This assessment will be in the format of an essay (1200-1500 words) and must include an introduction, body, conclusion and references.
The marking rubrics will be available on Moodle.

Assessment Due Date

PART A due Week 5, Friday (7 April. 2023) 5:00 PM AEST; PART B due Week 9, Friday (12 May. 2023) 5:00 PM AEST

Return Date to Students

Grades will be returned within 21 working days of submission.

Weighting
25%

Minimum mark or grade
50%. A pass is required to pass the unit.

Assessment Criteria
Marks are awarded for:

- Communication and presentation skills
- Introduction and addressing the topic including the chosen livestock system, key aspects and an innovation
- Knowledge, content and structure
- Analysis of information

- Discussion of improvements that can be made for the selected livestock events for the chosen livestock system and benefits in implementing an innovation
- The clarity of English expression, spelling and grammar
- Use of references and accuracy of referencing
- Appropriate timeframe (Part A) and length (Part B)

Detailed marking rubrics will also be available on Moodle.

Referencing Style

- [Harvard (author-date)](#)

Submission
Online Group

Submission Instructions
All parts of this assessment are due on Moodle

Learning Outcomes Assessed

- Select, test and implement appropriate livestock innovations into farm activities
- Develop a livestock management and risk mitigation plan

Graduate Attributes

- Communication
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Ethical practice

2 Livestock Innovations Peer Evaluation

Assessment Type
Peer assessment

Task Description
After Assessment 1 Livestock Innovations Part A - Group presentation, you will evaluate your assigned partner based on their:

- Attendance to group meetings
- Contribution to the fair share of the work
- Completion of the work on time and accurately
- Dependability

The peer evaluation will be available on Moodle.

Assessment Due Date
Vacation Week Friday (14 Apr 2023) 5:00 pm AEST
All parts of this assessment are due on Moodle

Return Date to Students
Week 7 Wednesday (26 Apr 2023)
Grades will be returned once all group members have finished their evaluation or within 10 working days of submission.

Weighting
5%

Assessment Criteria
Peer evaluation marks are awarded for their team member's:

- Attendance to group meetings
- Contribution to the fair share of the work
- Completion of the work on time and accurately
- Dependability

Referencing Style

- [Harvard (author-date)](#)

Submission
Online

Submission Instructions
Peer evaluation will be done on Moodle

Learning Outcomes Assessed

- Select, test and implement appropriate livestock innovations into farm activities
- Develop a livestock management and risk mitigation plan

Graduate Attributes

- Team Work
- Ethical practice

3 Practical Portfolio

Assessment Type
Portfolio

Task Description
The practical portfolio relates to the residential school, where you will be required to complete a series of activities or short response questions. A copy of the practical portfolio will be available on Moodle including specific details for each activity of the residential school.

Assessment Due Date
Week 10 Tuesday (16 May 2023) 5:00 pm AEST
Practical Portfolio is due at the conclusion of the residential school

Return Date to Students
Review/Exam Week Tuesday (6 June 2023)
Grades will be returned within 21 days of submission.

Weighting
40%

Minimum mark or grade
50%. A pass is required to pass the unit.

Assessment Criteria
Marks are awarded for attendance, participation, completion, correct responses to questions and submission of all practical activities and the residential school.

Referencing Style

- [Harvard (author-date)](#)

Submission
Online

Submission Instructions
All parts of this assessment are due on Moodle or a hard copy can be handed in at the conclusion of the residential school

Learning Outcomes Assessed

- Determine management options and production targets for a livestock enterprise
- Develop a livestock management and risk mitigation plan

Graduate Attributes

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

4 Online Test

Assessment Type
Online Test

Task Description
The online test will consist of multiple choice, short response and case study questions related to content delivered during lectures and tutorials throughout the term. It can be attempted anytime throughout the week, but once the online test has commenced, it must be submitted within 3 hours.

Assessment Due Date
Review/Exam Week Wednesday (7 June 2023) 5:00 pm AEST
The online test can be attempted anytime throughout the week, but must be submitted by Wednesday (7 June. 2023) 5:00 PM AEST

Return Date to Students
Exam Week Friday (16 June 2023)
Grades will be returned within 10 working days of submission.

Weighting
30%

Minimum mark or grade
50%. A pass is required to pass the unit.

Assessment Criteria
Marks are based on correct responses to questions.

Referencing Style

- [Harvard (author-date)](#)

Submission
Online

Submission Instructions
All parts of this assessment are due on Moodle

Learning Outcomes Assessed

- Develop a livestock management and risk mitigation plan
- Critique and apply the ethics and legal requirements of livestock management systems.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking

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