AGRI11003 *Livestock Production*
Term 2 - 2020

Profile information current as at 09/05/2024 12:07 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 2 - 2020
- 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 Have Your Say

Feedback

Practicals and field trips were poorly organised, and resources often not available when managed by QATC.

Recommendation

This unit relied on practical support by QATC, which resulted in inconsistent practical and field trip opportunities depending on the campus, even though weekly meetings were held for all first year Ag units. No CQU technical or practical support in EMD also made the organisation of practicals difficult. This unit has since been updated for 2020 with the introduction of residential schools, rather than weekly practicals and field trips. This will ensure all students have a consistent experience, access to resources and are highly organised due to the availability of technical support at ROK and BDG campuses, where residential schools will be held.

Feedback from Have Your Say

Feedback

Practicals and field trips related well to lecture material and were an invaluable learning experience.

Recommendation

Continue to ensure practicals and field trips during future residential schools are relevant to lecture material and engaging. Maintain industry connections to ensure these sites can be used annually.

Feedback from Have Your Say

Feedback

More time needed to be spent on basic chemistry and biology principles.

Recommendation

The first year of the Bachelor of Agriculture has undergone rejuvenation, with the introduction of a first year biology unit, and an Introduction to Agriculture unit from 2020 to cover basic concepts required for other units. This will provide more time to cover basic chemistry and biology principles.

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%		●	●	

Assessment Tasks	Learning Outcomes			
	1	2	3	4
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

Prescribed

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

Additional Textbook Information
If you prefer to study with a paper copy, they can be purchased at the CQUni Bookshop here: http://bookshop.cqu.edu.au (search on the Unit code). eBooks can be purchased at the publisher's website.

View textbooks at the CQUniversity Bookshop

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Google Earth Pro
- Microsoft Excel
- Microsoft Powerpoint
- Microsoft Word
- Video Recording Device (Camcorder, Digital Camera, Smartphone, etc.)

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 - 13 Jul 2020

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

Week 2 - Livestock Anatomy - 20 Jul 2020

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

Week 3 - Livestock Physiology - 27 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
Livestock physiology and digestion, with a focus on ruminants and monogastrics		

Week 4 - Livestock Nutrition - 03 Aug 2020

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

Week 5 - Assessment - 10 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
In class presentations		**Livestock Innovations** (Part A - Group presentation) Due: Week 5 Monday (10 Aug. 2020) 9:00 am AEST and presented in class

Vacation Week - 17 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic

Week 6 - Livestock Management and Production Targets - 24 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
Livestock management and the requirements that are involved in the running of a successful enterprise		**Livestock Innovations Peer Evaluation** Due: Week 6 Monday (24 Aug 2020) 5:00 pm AEST

Week 7 - Products and Markets - 31 Aug 2020

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

Week 8 - Practical Week - 07 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
Take home practical sessions		

Week 9 - Livestock Innovations - 14 Sep 2020

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

Week 10 - Livestock Behaviour and Handling - 21 Sep 2020

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

Week 11 - Farm Biosecurity - 28 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
Farm biosecurity practices, spread of disease and investigating pathogens		**Livestock Innovations** (Part B - Individual written assessment) Due: Week 11 Monday (28 Sep. 2020) 5:00 pm AEST

Week 12 - Ethical and Legal Requirements - 05 Oct 2020

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

Review Week - 12 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic

Term Specific Information

Due to COVID-19 impacts at the time of preparing this unit profile, the residential school attached to this unit for Term 2 2020 has been postponed and will need to be completed at a later date. The residential school will be reduced, with some activities occurring throughout the term remotely. Further details will be made available on the unit Moodle site in due course.

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%):
Create a livestock calendar of operations for your chosen livestock system (e.g., poultry, pigs, dairy, beef, sheep etc.) presented in the form of a production calendar, in a style of your choosing (e.g., table, powerpoint, poster). You will be assigned a partner and will be required to present your livestock calendar of operations together in 5 minutes and discuss the following aspects:

- Introduce your chosen livestock system and calendar of operations
- Discuss a minimum of two key aspects of the production cycle for your chosen livestock system and why the timing of these is crucial to the enterprise
- Outline at least one innovation relevant to your chosen livestock system

PART B - Individual written report (15%):
Analyse at least 3 livestock activities from your calendar of operations (Part A – Group presentation), discuss an innovation and prepare an individual report (essay format) that includes the following components:

- Business objective and goal
- Analysis of livestock operations including your three livestock activities
- Identify what improvements could be made for your three livestock activities e.g., timing, implementation of technology etc.
- Introduction to an innovation (e.g., technology, management decision etc.) within the livestock system
- Discuss the benefits of implementing your innovation within this livestock system

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, Monday (10 Aug. 2020) 9:00 am AEST (and presented in class); PART B due Week 11, Monday (28 Sept. 2020) 5:00 pm AEST

Return Date to Students
Week 12 Friday (9 Oct 2020)
Grades will be returned within 10 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
Week 6 Monday (24 Aug 2020) 5:00 pm AEST

Return Date to Students
Week 6 Friday (28 Aug 2020)
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 practical sessions and 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 practical session.

Assessment Due Date

To be confirmed - further details will be made available on the unit Moodle site in due course.

Return Date to Students

Grades will be returned within 10 working 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

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 Friday (16 Oct 2020) 5:00 pm AEST
The online test can be attempted anytime throughout the week, but must be submitted by Friday (16 Oct. 2020) 5:00 pm AEST

Return Date to Students
Exam Week Friday (23 Oct 2020)
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