AGRI11003 *Livestock Production Management*
Term 1 - 2017

Profile information current as at 19/05/2024 09:06 pm

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

This unit covers the fundamentals of a livestock production system, and is built on the VET 'Manage livestock production' unit. You will be provided with an overview of the full range of livestock production systems, with a beef focus. You will learn about animal nutrition, health and welfare, fertility and new and emerging opportunities for precision livestock management. As a foundation unit, the learning outcomes will provide you with the necessary foundation for future units in the course.

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 - 2017

- Bundaberg
- Emerald
- 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. **Portfolio**
Weighting: 70%
2. **Presentation and 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 Students

Feedback
The students indicated poor feedback on assessments. Additionally, the written task was very large.

Recommendation

Assessments should be scheduled for submission throughout the term, rather than close together. Clear due dates and rubric marks are needed. Staff to consider more manageable written assessment as the task this term was very large and required a lot of time to complete.

Action

The requirements and length of the written task were reduced. Task feedback was returned within 10 working days. Assessments were scheduled throughout the term, rather than close together.

Feedback from CQU staff and students

Feedback

The students indicated that the assessments were poorly explained.

Recommendation

Improved set-up of quizzes and more information provided for students relating to written answers in future. Improve communication between campuses, through weekly meetings. Staff to utilise Moodle training opportunities. Staff to provide exemplars for written tasks for students.

Action

Exemplars were given. More information on the expectations for each task was provided. The instructions for one quiz were misunderstood, students. For the second quiz, more instruction was given.

Feedback from CQU staff and students

Feedback

Students and CQU staff indicated some confusion around timetabling and class scheduling.

Recommendation

Improve timetable structure. Avoid changing session times unless due to unavoidable circumstances. Clearer communication of any timetable changes and notification in advance.

Action

Sessions remained as per the timetable except during extenuating circumstances. Clear and prompt communication to all students occurred via email and Moodle when a change was necessary due to cyclone flooding.

Feedback from Students

Feedback

The students indicated that better communication and organisation is needed across the three campuses.

Recommendation

Improve the planning of activities, including communication of details between staff and to students.

Action

Staff have communicated better. Additionally, the Unit Coordinator has been better informed of student communications and queries from other staff.

Feedback from CQU staff

Feedback

The CQU staff indicated the need for assessment scaffolding and the need for better coordination.

Recommendation

QATC staff to take on full delivery of practicals in all locations. CQU staff need to have more input into lecture materials.

Action

CQU staff delivered most of the lectures, while QATC planned and delivered most of the practical sessions.

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 whole of farm livestock management and risk mitigation plan.
4. Critique the ethics and legal requirements of livestock management systems.

Alignment of Learning Outcomes, Assessment and Graduate Attributes

Legend: — 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 - Portfolio - 70%	●		●	●
2 - Presentation and 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 - Portfolio - 70%	●	●	●	●	●	●		●		
2 - Presentation and Written Assessment - 30%	●		●	●		●		●		

Textbooks and Resources

Textbooks

AGRI11003

Prescribed

Beef Cattle: Production and Trade
Edition: 1 (2014)
Authors: David Cottle and Lewis Kahn
CSIRO Publishing
Collingwood , VIC , Australia
Binding: Hardcover

Additional Textbook Information
This textbook will be used in other livestock related Units throughout the Bachelor of Agriculture course.

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 Powerpoint
- Microsoft Word
- R

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

Jessica Roberts Unit Coordinator
j.j.roberts@cqu.edu.au

Schedule

Week 1 - 06 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to the unit, agricultural systems theory and the connectivity of aspects in an agroecosystem	Cottle and Khan Chapter 1	

Week 2 - 13 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Animal physiology		

Week 3 - 20 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Production animal nutrition		Assessment 1 Part A - QUIZ due Friday 24th March 8PM AEST

Week 4 - 27 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Animal reproduction and livestock breeding		

Week 5 - 03 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to management of livestock production enterprises	Cottle and Khan Chapter 20	

Vacation Week - 10 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic

Week 6 - 17 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Farm biosecurity	Cottle and Khan Chapter 13	

Week 7 - 24 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Whole systems, natural resource assessment and management		

Week 8 - 01 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Forecasting uncertain futures, including climate change and sustainability	Cottle and Khan Chapter 19	Assessment 2 Part A Production Plan Poster Due Friday 5th May 8PM AEST

Week 9 - 08 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Livestock products and markets	Cottle and Khan Chapter 3	Assessment 1 Part B Quiz Due Friday 12th May 8PM AEST

Week 10 - 15 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Quality of livestock products	Cottle and Khan Chapter 2	

Week 11 - 22 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Natural resource management and farm planning		

Week 12 - 29 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Natural resource management and farm planning		Assessment 2 Part B Natural Resources Management plan Due Friday 2nd June 5PM AEST

Review/Exam Week - 05 Jun 2017

Module/Topic	Chapter	Events and Submissions/Topic

Exam Week - 12 Jun 2017

Module/Topic	Chapter	Events and Submissions/Topic

Assessment Tasks

1 Portfolio

Assessment Type
Portfolio

Task Description
The portfolio is made up of a series of tasks related to the different activities of this Unit (e.g. lectures, field trips, pracs, tutorials).
PART A - QUIZ
Weighting: 25%
Due date: Friday 24th March, week 3, 8PM AEST.
Task: Assessment of content delivered during lectures, field trips, pracs and tutorials from week 1 through to week 3. Topics include: Theory of Systems, Animal Physiology, and Animal Nutrition.
PART B - QUIZ
Weighting: 25%
Due date: Friday 12th May, week 9, 8PM, AEST.
Task: Assessment of content delivered during lectures, field trips, pracs and tutorials from week 5 through to week 9. Topics include Natural Resources Management, Budgeting, Legislation, and Ethics.
PART C - Practical activities
Weighting: 20% in total
Due date: At the conclusion of each Prac and Field Trip
Task: During each practical session and field trip, you will be required to complete a short report or presentation. Reports will be no more than 300 words. Specific details of each task will be available on the Moodle site.

Assessment Due Date

PART A due Friday 24th March, Week 3, 8PM; PART B due Friday 12th May, Week 9, 8PM; PART C due weekly when prac's and field trips are scheduled

Return Date to Students

Grades will be returned within 10 working days of submission.

Weighting
70%

Minimum mark or grade
50%

Assessment Criteria
PART A and Part B will be marked based on correct responses to quiz questions.
PART C: Marking will be based on participation and completion of practical tasks assigned. Detailed criteria will be available on the Moodle page.
Attendance and participation at all practical sessions is compulsory.

Referencing Style

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

Submission
Offline Online

Submission Instructions
In class or Moodle

Learning Outcomes Assessed

- Determine management options and production targets for a livestock enterprise.
- Develop a whole of farm livestock management and risk mitigation plan.
- Critique the ethics and legal requirements of livestock management systems.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking

- Information Literacy
- Team Work
- Information Technology Competence
- Ethical practice

2 Farm Plan

Assessment Type
Presentation and Written Assessment

Task Description
The assessment has two components:
PART A - Livestock production plan poster
Weighting: 10% of the grade for this unit
Due: Friday week 8, 8PM AEST
This assessment consists of a poster presentation including the following:
1. Three key business objectives
2. Calendar of animal husbandry activities:
    a) include health and biosecurity activities
    b) include production activities
3. Feed plan
4. Production targets of cattle and feed
PART B - Natural resource management plan report
Weighting: 20% of the grade for this unit
Due: Friday week 12, 5PM AEST
This assessment will consist of a written Natural Resources Management plan and information related with:
1. business objective and goal
2. SWOT analysis
3. assessment of natural resources (including flora and fauna)
4. a plan for reviewing and assessing the success of the natural resources management plan
The information provided in the plan must be supported by use of references. The natural resources management plan will be in the format of report (1200-1500 words) and include an introduction, aims, main body of the plan, conclusions and references.

Further details of this assessment task will be available on the Moodle site and specific activities associated with the Whole Farm Plan development will occur in face-to-face delivery sessions throughout the term.

Assessment Due Date

PART A due Friday 5th May Week 8, 8PM AEST; PART B Due Friday 2nd June, Week 12, 5PM AEST

Return Date to Students

Grades will be returned within 10 working days of submission.

Weighting
30%

Minimum mark or grade
50%

Assessment Criteria
Assessments will be marked according to:
- Addressing the topic
- Sound research and referencing
- Completion of the task
Detailed marking rubrics will be available on the Moodle page.

Referencing Style

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

Submission
Online

Submission Instructions
Moodle

Learning Outcomes Assessed

- Select, test and implement appropriate livestock innovations into farm activities.

Graduate Attributes

- Communication
- Critical Thinking
- Information Literacy
- Information Technology 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