

AGRI 1003 ANIMAL SCIENCE

Credit Points 10

Legacy Code 300801

Coordinator Adrian Renshaw ([https://directory.westernsydney.edu.au/search/name/Adrian Renshaw/](https://directory.westernsydney.edu.au/search/name/Adrian%20Renshaw/))

Description This subject will provide students with an understanding of comparative physiological and anatomical concepts of a range of mammalian and avian species. Students will develop the skills to apply these concepts in practical situations through the use of field observations and the relationship of these to functional anatomy and physiology of production animals. In addition students will develop many of the principles and concepts employed in animal production. Concepts discussed in lectures are reinforced by practical classes held in the laboratory and in the outdoor laboratories.

School Science

Discipline Animal Husbandry

Student Contribution Band HECS Band 1 10cp

Check your HECS Band contribution amount via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Undergraduate Level 1 subject

Equivalent Subjects AGRI 1002 - Animal Science

Learning Outcomes

On successful completion of this subject, students should be able to:

1. Define key terms and concepts associated with mammalian and avian production animal anatomy and physiology.
2. Compare anatomy and physiology of mammalian and avian production animals.
3. Evaluate animal production systems.
4. Handle production animal species; record observations and reflect on the behaviour of production animal species.

Subject Content

Physiology, anatomy and behavior of a range of animal species
Functional anatomy and physiology in practical context

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Type	Length	Percent	Threshold	Individual/ Group Task
Quiz	up to 30 minutes in length	35	N	Individual
Presentation	3 minutes	15	N	Individual
Quiz	30 minutes	25	N	Individual
Report	2,000 words	25	N	Individual

Prescribed Texts

- Comparative Vertebrate Anatomy - Kenneth Kardong 2019

Teaching Periods

Spring (2022)

Hawkesbury

Day

Subject Contact Adrian Renshaw ([https://directory.westernsydney.edu.au/search/name/Adrian Renshaw/](https://directory.westernsydney.edu.au/search/name/Adrian%20Renshaw/))

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=AGRI1003_22-SPR_HW_D#subjects)

Spring (2023)

Hawkesbury

On-site

Subject Contact Adrian Renshaw ([https://directory.westernsydney.edu.au/search/name/Adrian Renshaw/](https://directory.westernsydney.edu.au/search/name/Adrian%20Renshaw/))

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=AGRI1003_23-SPR_HW_1#subjects)