

AGRI 1003 ANIMAL SCIENCE

Credit Points 10

Legacy Code 300801

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

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 fees 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	Mandatory
Quiz	30 minutes	40	N	Individual	Y
Presentatio	3 minutes	15	N	Individual	N
Quiz	30 minutes	25	N	Individual	N
Literature Review	1,000 words	20	N	Individual	N

Prescribed Texts

- Comparative Vertebrate Anatomy - Kenneth Kardong 2019

Teaching Periods

Spring (2025)

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_25-SPR_HW_1#subjects)