AGRI 3010 ANIMAL HEALTH AND WELFARE

Credit Points 10

Legacy Code 301456

Coordinator Mark Jones (https://directory.westernsydney.edu.au/search/name/Mark Jones/)

Description Diseases of domesticated and native Australian animals, including endocrine, metabolic and pathogenic are significant factors influencing animal health, welfare and production. Understanding the interactions between the host animal genes and immune system along with the environmental influences, you will develop knowledge and skills in sustainably managing animal health and welfare. This subject will develop your knowledge of the diseases impacting animals and methods for disease diagnosis and control. In particular, you will apply this knowledge to the relationships between animal management and the health and welfare expectations for domesticated and wild animals.

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 3 subject

Equivalent Subjects AGRI 3008 Animal Health Ethics and Welfare

Incompatible Subjects AGRI 2002 Animal Health and Welfare
AGRI 2003 Animal Health and Welfare

Restrictions

Successful completion of 120 credit points

Learning Outcomes

1. Describe the principle immune defence systems of domestic and native Australian animals.
2. Define and categorise types of animal diseases and causative agent(s).
3. Compare and contrast animal disease aetiology, transmission, diagnosis and control.
4. Evaluate the relationship between animal management and animal health and welfare implications

Subject Content

1. Immune systems of domestic and native Australian animals.
2. Pathogenic, non-pathogenic and zoonotic diseases of domestic and native Australian animals.
3. Aetiology, transmission, diagnosis, and control of animal diseases.
4. Sustainable animal health and welfare management.

Special Requirements

Essential equipment

Outdoor attire / Lab coats, enclosed footwear for indoor labs

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	4x 30 minutes	40	N	Individual
Report	1500 words	30	N	Individual
Case Study	15min	15	N	Individual
Viva Voce	15min	15	N	Individual

Prescribed Texts

- There is no textbook which covers collectively Australian animal production, anatomy, physiology and handling so there have been no specific texts assigned for this subject. The additional university library sources have been fully updated to meet student needs. Many excellent resources are available on the web.

Teaching Periods

Autumn (2024)

Hawkesbury

On-site

Subject Contact Mark Jones (https://directory.westernsydney.edu.au/search/name/Mark Jones/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=AGRI3010_24-AUT_HW_1#subjects)