



# Course Outline (Higher Education)

<b>Institute / School:</b>	Institute of Innovation, Science & Sustainability
<b>Course Title:</b>	ANIMAL MANAGEMENT AND DISEASE
<b>Course ID:</b>	SCVET2001
<b>Credit Points:</b>	15.00
<b>Prerequisite(s):</b>	(SCBIO1020 or SCENV1002)
<b>Co-requisite(s):</b>	Nil
<b>Exclusion(s):</b>	(BIOGC2710)
<b>ASCED:</b>	061101

## Description of the Course:

This course will analyse the basic parameters of animal health with respect to symptomatic observation and measurement of disturbance to body function through to clinical diagnostic methods. Disease states will be explored as case studies of common diseases in farm and pet animals and via analysis of the impacts of disease on the various organ systems of the body. Disease treatment and control methods will be described together with basic information on microbial infection systems relevant to animal protection and treatment. Information concerning specific health issues in various species will be explored via a number of examples. Specialist lectures from animal welfare and veterinary staff will be used to detail these examples and provide practical contexts. Field studies will explore the techniques and analyses of modern veterinary medicine.

**Grade Scheme:** Graded (HD, D, C, P, MF, F, XF)

## Work Experience:

No work experience: Student is not undertaking work experience in industry.

**Placement Component:** No

**Supplementary Assessment:** Yes

Where supplementary assessment is available a student must have failed overall in the course but gained a final mark of 45 per cent or above and submitted all major assessment tasks.

## Program Level:

Level of course in Program	AQF Level of Program					
	5	6	7	8	9	10
Introductory	■	■	■	■	■	■

Level of course in Program	AQF Level of Program					
	5	6	7	8	9	10
Intermediate	■	■	✓	■	■	■
Advanced	■	■	■	■	■	■

### Learning Outcomes:

#### Knowledge:

- K1.** Recognise the importance of hygiene, nutrition and welfare in animal health
- K2.** Describe the main features of a range of diseases and their symptoms in pet and farm animals;
- K3.** Recognise the importance of observation and measurement of symptoms and the role of modern diagnostic medicine in disease control
- K4.** Give examples of diagnostic testing and interpretation
- K5.** Discuss the importance of disease control and research in the welfare and maintenance of animals

#### Skills:

- S1.** Develop scientific problem-solving and investigation skills in animal welfare
- S2.** Devise effective strategies for critical interpretation of animal health scientific literature from a variety of sources
- S3.** Interpret field data for accurate veterinary disease diagnosis
- S4.** Communication of scientific results in a clear manner in both written and oral forms

#### Application of knowledge and skills:

- A1.** Understand the importance and nutritional requirements of different veterinary animals
- A2.** Analyse and interpret data to determine the animal health status of veterinary animals
- A3.** Recognise symptoms, diagnostic and treatment options for a range of diseases in veterinary animals

#### Course Content:

Topics may include:

- Parameters, including environmental, nutritional and genetic factors, impacting on animal health
- Development of knowledge of common diseases in veterinary animals
- Understanding diagnostic methods and treatment options in disease or immunocompromised veterinary animals

#### Graduate Attributes

The Federation University Federation graduate attributes (GA) are entrenched in the [Higher Education Graduate Attributes Policy](#) (LT1228). FedUni graduates develop these graduate attributes through their engagement in explicit learning and teaching and assessment tasks that are embedded in all FedUni programs. Graduate attribute attainment typically follows an incremental development process mapped through program progression. **One or more graduate attributes must be evident in the specified learning outcomes and assessment for each FedUni course, and all attributes must be directly assessed in each program**

Graduate attribute and descriptor		Development and acquisition of GAs in the course	
		Learning Outcomes (KSA)	Assessment task (AT#)
GA 1 Thinkers	Our graduates are curious, reflective and critical. Able to analyse the world in a way that generates valued insights, they are change makers seeking and creating new solutions.	A1, A2, A3	1,3,4
GA 2 Innovators	Our graduates have ideas and are able to realise their dreams. They think and act creatively to achieve and inspire positive change.	S1, S2, S4	3,4
GA 3 Citizens	Our graduates engage in socially and culturally appropriate ways to advance individual, community and global well-being. They are socially and environmentally aware, acting ethically, equitably and compassionately.	S3	1
GA 4 Communicators	Our graduates create, exchange, impart and convey information, ideas, and concepts effectively. They are respectful, inclusive and empathetic towards their audience, and express thoughts, feelings and information in ways that help others to understand.	S1, S4	3
GA 5 Leaders	Our graduates display and promote positive behaviours, and aspire to make a difference. They act with integrity, are receptive to alternatives and foster sustainable and resilient practices.	A2, S2, S1	1,2,3,4

**Learning Task and Assessment:**

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K3, K5, S1 - S4, A2, A3	Comprehension assignments: Field studies describing an investigation, the approaches, the analysis and interpretation of data	Scientific report(s)	30 - 50%
K2, S4, A3	Research and communication assignment: research topical issues in animal health and prepare an oral report	Oral Presentation	5 - 20%
K1 - K5, S4, A1, A3	Knowledge of course material	Online test	40 - 60%

**Adopted Reference Style:**

Australian Harvard

 Refer to the [library website](#) for more information

 Fed Cite - [referencing tool](#)