VETS20014 Foundations of Animal Health 1

Credit Points:	12.50
Level:	2 (Undergraduate)
Dates & Locations:	2012, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 72 hours Total Time Commitment: An estimated total time commitment of 120 hours
Prerequisites:	To enrol in this subject, undergraduate students must have completed: Chemistry: Either BOTH of:

Subject	Study Period Commencement:	Credit Points:
CHEM10003 Chemistry 1	Semester 1, Semester 2	12.50
CHEM10004 Chemistry 2	Summer Term, Semester 2	12.50

OR

Subject	Study Period Commencement:	Credit Points:
CHEM10006 Chemistry for Biomedicine	Semester 1	12.50

PLUS Biology:
Either BOTH of:

Subject	Study Period Commencement:	Credit Points:
BIOL10004 Biology of Cells and Organisms	Semester 1	12.50
BIOL10005 Genetics & The Evolution of Life	Semester 2	12.50

OR, BOTH of:

Subject	Study Period Commencement:	Credit Points:
BIOL10002 Biomolecules and Cells	Semester 1	12.50
BIOL10003 Genes and Environment	Semester 2	12.50

PLUS Physics:
A 12.5 point Level 1 Physics subject
OR
VCE Physics Units 3/4, or equivalent

Corequisites:

ONE of:

Subject	Study Period Commencement:	Credit Points:
BCMB20002 Biochemistry and Molecular Biology	Semester 1, Semester 2	12.50
BIOM20001 Molecular and Cellular Biomedicine	Semester 1	25

Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	Prospective students are advised to familiarise themselves with the Faculty's Academic Requirements Statement.
Coordinator:	Prof Andrew Fisher
Contact:	Email: **adfisher@unimelb.edu.au (mailto:adfisher@unimelb.edu.au)**
Subject Overview:	Foundations of Animal Health1 introduces students to the major determinants of health in domestic animals. Using case studies drawing on a range of domestic and exotic animals species and both Australian and international contexts, the role of housing, welfare, nutrition and control of infectious agents of disease in maintenance of health of animals will be investigated. Students should develop an understanding of management systems appropriate for optimising health and welfare of domestic animal populations, and an appreciation of legislative issues that govern the housing and care of animals in Australia.
Objectives:	Students successfully completing this course should develop a broad appreciation of the determinants of health in populations of animals, and the role of management practices in optimising the health of animal populations.
Assessment:	A 2-hour end-of-semester examination (70%) Four intra-semester tests of approximately 30 minutes duration (30%)
Prescribed Texts:	None
Recommended Texts:	Reading list prepared by the Subject Co-ordinator.
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	# have a broad knowledge of science across a range of fields, with an in-depth understanding in one scientific discipline # understand the scientific method, and the history and evolution of scientific concepts # be intellectually curious and apply a rigorous, critical and logical approach to enquiry # be able to communicate their ideas effectively in both written and verbal formats to both specialists and non-specialists # reach a high level of achievement in writing, generic research activities, problem-solving and communication
Related Majors/Minors/ Specialisations:	Animal Health and Disease Science-credited subjects - new generation B-SCI and B-ENG. Core selective subjects for B-BMED.