VETS20014 Foundations of Animal Health 1

Credit Points:	12.50
Level:	2 (Undergraduate)
Dates & Locations:	2010, 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: # two units of Chemsitry at first year level # two units of Biology at first year level # one unit of Physics at first year level, or VCE Physics (or equivalent) Appropriate University of Melbourne subjects are:

Subject	Study Period Commencement:	Credit Points:
CHEM10003 Chemistry 1	Semester 1, Semester 2	12.50
CHEM10004 Chemistry 2	January, Semester 2	12.50
BIOL10004 Biology of Cells and Organisms	Semester 1	12.50
BIOL10005 Genetics & The Evolution of Life	Semester 2	12.50
PHYC10005 Physics 1: Fundamentals	Semester 1	12.50

Corequisites: Undergraduate students must also study:

Subject	Study Period Commencement:	Credit Points:
BCMB20002 Biochemistry and Molecular Biology	Semester 1	12.50

Recommended Background Knowledge:	Nil
Non Allowed Subjects:	Nil
Core Participation Requirements:	Prospective students are advised to familiarise themselves with the Faculty's Academic Requirements Statement and information about Students Experiencing Disability.
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 (80%)Ten intra-semester computer-based quizzes each of approximately 15 minutes duration and undertaken during class time (20%)
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 Course(s):	Bachelor of Science
Related Majors/Minors/ Specialisations:	Animal Disease Biotechnology Animal Health and Disease Veterinary Bioscience