VETS20014 Foundations of Animal Health 1

Credit Points:	12.5
Level:	2 (Undergraduate)
Dates & Locations:	2016, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 2 x one-hour online lectures per week; 1 x one-hour workshop per week; 1 x two-hour practical class per week – Total 60 hours Total Time Commitment: 170 hours
Prerequisites:	*NB. BCMC20002 and BIOM20001 may be taken concurrently.* One of: **OR** For Bachelor of Biomedicine students, all four of:
Corequisites:	None
Recommended Background Knowledge:	A 12.5 point Level 1 Physics subject OR VCE Physics Units 3/4, or equivalent **Note:** For BSc students intending to apply for the DVM via the Veterinary Bioscience specialisation it is a requirement that students have previously completed VCE Physics Units 3/4 or equivalent, or a 12.5 point Level 1 Physics subject. N.B. The subject PHYC10008 From the Solar System to the Cosmos is not considered a physics subject for this purpose.
Non Allowed Subjects:	None
Core Participation Requirements:	<p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic

Subject	Study Period Commencement:	Credit Points:
CHEM10004 Chemistry 2	Summer Term, Semester 2	12.5
CHEM10009 Advanced Chemistry for BioSciences	Semester 1	12.5

Plus all three of:

Subject	Study Period Commencement:	Credit Points:
BIOL10004 Biology of Cells and Organisms	Semester 1	12.5
BIOL10005 Genetics & The Evolution of Life	Semester 2	12.5
BCMB20002 Biochemistry and Molecular Biology	Semester 1, Semester 2	12.5

Subject	Study Period Commencement:	Credit Points:
BIOL10002 Biomolecules and Cells	Semester 1	12.5
BIOL10003 Genes and Environment	Semester 2	12.5
CHEM10006 Chemistry for Biomedicine	Semester 1	12.5
BIOM20001 Molecular and Cellular Biomedicine	Semester 1	25

	requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry. It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability
Coordinator:	Dr Laura Dooley
Contact:	laura.dooley@unimelb.edu.au
Subject Overview:	*VETS20014 Foundations of Animal Health 1* 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 roles of animal environments, nutrition, toxins and the scientific approach to managing the health of animals will be investigated. Students should develop an understanding of management systems appropriate for optimising the management and health of domestic animal populations.
Learning Outcomes:	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 30-minute online formative quiz in week 3 (hurdle requirement) One 45-minute written quiz, due around week 6 (15%) One 45-minute written quiz, due around week 10 (15%) A two-hour examination, held in the end-of-semester examination period (70%)
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:	Upon completion of this subject students should # 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):	Doctor of Veterinary Medicine
Related Majors/Minors/ Specialisations:	Animal Health and Disease Science-credited subjects - new generation B-SCI and B-ENG. Selective subjects for B-BMED