VETS30011 Animal Disease Biotechnology 1

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	This subject is not offered in 2013.
Time Commitment:	Contact Hours: 60 Total Time Commitment: 100 hours
Prerequisites:	**ONE OF** the following two subjects:

Subject	Study Period Commencement:	Credit Points:
BCMB20002 Biochemistry and Molecular Biology	Not offered 2013	12.50
BIOM20001 Molecular and Cellular Biomedicine	Not offered 2013	25

Corequisites:	None
Recommended Background Knowledge:	

Subject	Study Period Commencement:	Credit Points:
VETS20014 Foundations of Animal Health 1	Not offered 2013	12.50
VETS20015 Foundations of Animal Health 2	Not offered 2013	12.50

Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic 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
Contact:	Email: **jeanps@unimelb.edu.au (mailto:jeanps@unimelb.edu.au)**
Subject Overview:	This subject introduces students to the scientific basis of disease recognition in populations of animals. It explores causes of disease in populations of production, companion and laboratory animals, the mechanisms of disease processes and their transmission, principles of biosecurity, and the scientific basis of technologies and procedures available for monitoring disease status. Students will acquire skills in a variety of techniques used to monitor the health of populations of animals, and will develop abilities in critical analysis of animal health reports.
Objectives:	This course aims to equip students with an understanding of techniques used to assess the health of individual animals and populations of animals, as well as an understanding of the biological basis of these tests. Students satisfactorily completing this course will also acquire skills in performing a range of laboratory tests used in monitoring the health of populations of animals.
Assessment:	a 2-hour end-of-semester examination (75%) assessment of laboratory based exercises (tests and report writing) (25%)
Prescribed Texts:	None

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
Related Majors/Minors/ Specialisations:	Animal Disease Biotechnology (specialisation of Animal Health and Disease major) Production Animal Health Science-credited subjects - new generation B-SCI and B-ENG. Core selective subjects for B-BMED.