VETS30015 Veterinary Bioscience: Cells to Systems

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	This subject is not offered in 2013.
Time Commitment:	Contact Hours: 72 Total Time Commitment: 120 hours
Prerequisites:	Students must have successfully completed the following subjects prior to enrolling in this subject:

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

and **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:

Students studying the Vet Bioscience specialisation must enrol in the following subjects:

Subject	Study Period Commencement:	Credit Points:
VETS30016 Veterinary Bioscience: Digestive System	Not offered 2013	12.50
VETS30017 Veterinary Bioscience: Metab & Excretion	Semester 1	12.50

Students studying the Animal Disease Biotechnology specialisation must enrol in the following subject:

Subject	Study Period Commencement:	Credit Points:
VETS30011 Animal Disease Biotechnology 1	Not offered 2013	12.50

Recommended Background Knowledge:	None
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: **w.kimpton@unimelb.edu.au (mailto:w.kimpton@unimelb.edu.au)**

Subject Overview:	This capstone subject takes a multi-disciplinary approach to the investigation of health and disease in domestic animals. Students will be introduced to the structural and functional organisational units of the body and to the fundamental principles of veterinary anatomy, physiology, biochemistry, pharmacology, general pathology and immunology. Students will gain a theoretical knowledge and practical laboratory skills that are fundamental to an appraisal of the health of domestic animals.
Objectives:	This subject aims to provides a road map of key concepts within the disciplines of anatomy, physiology, biochemistry, pharmacology, general pathology and immunology, that will equip students embarking on systems based integrated and applied studies in animal health.
Assessment:	a 2-hour end-of-semester examination (70%) a one hour within semester test (20%) four 30 minute quizzes during semester (10%)
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 Course(s):	Doctor of Veterinary Medicine
Related Majors/Minors/ Specialisations:	Animal Disease Biotechnology (specialisation of Animal Health and Disease major) Science-credited subjects - new generation B-SCI and B-ENG. Core selective subjects for B-BMED. Veterinary Bioscience (specialisation of Animal Health and Disease major)