250-212 Veterinary Parasitology A

Credit Points:	6.25
Level:	2 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 1, - Taught on campus.
Time Commitment:	Contact Hours: 24 hours of lectures or seminars, 33 hours of practical work and tutorials. Total Time Commitment: Estimated total time commitment 75 hours (minimum).
Prerequisites:	None
Corequisites:	None
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
Coordinator:	Dr Ian Beveridge
Subject Overview:	At the end of the sequence Veterinary Parasitology A and Veterinary Parasitology B students completing these subjects should: possess a detailed understanding of the biology of various groups of parasites of domestic animals; possess the essential information on life-cycle of parasites of domestic animals, methods of transmission, epidemiology, mechanisms by which they cause disease, and the immunological response of the host; possess skills in the techniques by which parasites are recovered from infected hosts; be able to identify the principal parasites of animals on the basis of morphology and location in the host and assign them to genera or species; be familiar with the concepts of symbiosis and parasitism and principles of pathogenicity of parasitic infections; be familiar with the mode of action of anti-parasitic drugs, their spectrum of activity and their use in control of parasitic infections; be aware of the public health significance of parasitic zoonoses; and understand how detailed knowledge of biology of parasites identifies options for programs of prevention and control of parasitic infections; and develop further skills in microscopy. Topics include: Arthropods and strongylid nematodes.
Assessment:	One 2-hour practical examination at the end of semester (85%), one half-hour mid-semester quiz (15%) and indicated in the teaching timetable available at the commencement of the semester.
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
Generic Skills:	At the end of the sequence Veterinary Parasitology A and Veterinary Parasitology B students completing these subjects should have:

	# skills in observation and the critical analysis of data; and # skills to apply technology to the analysis of biological problems.
Related Course(s):	Bachelor of Veterinary Science Bachelor of Veterinary Science(PV)