

VETS20006 Veterinary Parasitology A

Credit Points:	6.25
Level:	2 (Undergraduate)
Dates & Locations:	2011, Parkville This subject commences in the following study period/s: Semester 1, Parkville - 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:	Nil
Corequisites:	Nil
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 http://www.vet.unimelb.edu.au/docs/CoreParticipationReqs.pdf
Coordinator:	Prof Ian Beveridge
Contact:	ibeve@unimelb.edu.au
Subject Overview:	Topics include: Arthropods and strongylid nematodes.
Objectives:	<p>At the end of the sequence Veterinary Parasitology A and Veterinary Parasitology B students completing these subjects should:</p> <ul style="list-style-type: none"> # 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; # 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.
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:	Nil
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:	<p>At the end of the sequence Veterinary Parasitology A and Veterinary Parasitology B students completing these subjects should have:</p> <ul style="list-style-type: none"> # 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(PV)