

## VETS20006 Veterinary Parasitology A

<b>Credit Points:</b>	6.25
<b>Level:</b>	2 (Undergraduate)
<b>Dates &amp; Locations:</b>	2010, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.
<b>Time Commitment:</b>	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).
<b>Prerequisites:</b>	Nil
<b>Corequisites:</b>	Nil
<b>Recommended Background Knowledge:</b>	Nil
<b>Non Allowed Subjects:</b>	Nil
<b>Core Participation Requirements:</b>	Prospective students are advised to familiarise themselves with the Faculty's Academic Requirements Statement <a href="http://www.vet.unimelb.edu.au/docs/AcademicRequirements.pdf">http://www.vet.unimelb.edu.au/docs/AcademicRequirements.pdf</a> and information about Students Experiencing Disability <a href="http://www.vet.unimelb.edu.au/undergrad/VetScienceDisability.pdf">http://www.vet.unimelb.edu.au/undergrad/VetScienceDisability.pdf</a>
<b>Coordinator:</b>	Prof Ian Beveridge
<b>Contact:</b>	<a href="mailto:ibeve@unimelb.edu.au">ibeve@unimelb.edu.au</a>
<b>Subject Overview:</b>	Topics include: Arthropods and strongylid nematodes.
<b>Objectives:</b>	At the end of the sequence Veterinary Parasitology A and Veterinary Parasitology B students completing these subjects should: <ul style="list-style-type: none"> <li># 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;</li> <li># possess skills in the techniques by which parasites are recovered from infected hosts;</li> <li># 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;</li> <li># be familiar with the concepts of symbiosis and parasitism and principles of pathogenicity of parasitic infections;</li> <li># be familiar with the mode of action of anti-parasitic drugs, their spectrum of activity and their use in control of parasitic infections;</li> <li># be aware of the public health significance of parasitic zoonoses;</li> <li># 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.</li> </ul>
<b>Assessment:</b>	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.
<b>Prescribed Texts:</b>	Nil
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Generic Skills:</b>	At the end of the sequence Veterinary Parasitology A and Veterinary Parasitology B students completing these subjects should have:

	<ul style="list-style-type: none"><li># skills in observation and the critical analysis of data; and</li><li># skills to apply technology to the analysis of biological problems.</li></ul>
<b>Related Course(s):</b>	Bachelor of Veterinary Science(PV)