

VETS30003 Diseases of Body Systems 1

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 51 lecture hours and 50 practical hours. Total Time Commitment: Estimated total time commitment 124 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/AcademicRequirements.pdf and information about Students Experiencing Disability http://www.vet.unimelb.edu.au/docs/Disability.pdf
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Subject Overview:	Diseases of the alimentary, respiratory, cardiovascular, musculoskeletal and nervous systems and of the peritoneum and liver. Diseases are considered from a variety of aspects, including causes, general clinical manifestations, pathology and pathophysiology (at the macroscopic and microscopic level). Broad principles of patient management in terms of prognosis and indications for medical and/or surgical therapy are provided. Appropriate ancillary investigations and techniques, such as electrocardiography, radiography, ultrasonography, bacteriology, biopsy, clinical pathology, parasitology, serology and virology are also discussed.
Objectives:	Students completing this subject should: <ul style="list-style-type: none"> # be able to recognise clinical signs that may indicate a disturbance of structure and function of the body systems or their component organs; # be able to recognise, describe and interpret morphological abnormalities of these systems at both the macroscopic and microscopic level; # possess essential information on the causes, pathogenesis and manifestations of disease of these systems, and be able to recognise if the disease is expressed locally or as disturbances of whole body function or other organ function; # understand the principles of patient management for disorders of these systems in terms of prognosis and indications for therapy, and be aware of the uses and limitations of ancillary investigations such as ultrasonography, radiography, clinical pathology, bacteriology, virology, parasitology, serology and pathology of biopsy specimens in diagnosis and management.
Assessment:	One 3-hour written paper (60%) and a 90-minute practical examination in clinical pathology and pathology (20%) at the end of semester. The latter examination will cover material from both Body Systems 1 and Body Systems 2, with marks allocated accordingly. Two computer-based assessments convened during scheduled pathology practical classes in semester, each of 30-minutes duration and each contributing 10% to the total subject mark 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 Body Systems 1 and Body Systems 2, students completing these subjects should:</p> <ul style="list-style-type: none"># have developed skills in independent and self-directed learning and in collaborative learning;# be able to apply technology to analyse biological problems;# be capable of solving problems in applied situations, with ability to organise and evaluate data and integrate information from multiple disciplines;# have improved observational skills, and# be competent at using multimedia to acquire information.
Related Course(s):	Bachelor of Veterinary Science(PV)