

VETS20008 Veterinary Pathology 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: 26 hours of lectures and 36 hours of practical classes. Total Time Commitment: Estimated total time commitment 90 hours (minimum).
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	Excellent understanding of veterinary anatomy, histology, biochemistry and physiology, including basic immunology.
Non Allowed Subjects:	None
Core Participation Requirements:	Prospective students are advised to familiarise themselves with the Faculty's Academic Requirements Statement.
Coordinator:	Prof Ron Slocombe
Contact:	Phone: 8344 9995 Email: r.slocombe@unimelb.edu.au (mailto:r.slocombe@unimelb.edu.au)
Subject Overview:	Topics include tissue fixation and histological processing, diagnosis of disease, post mortem changes, alterations of tissue mass, cellular degeneration and necrosis, leukocyte biology, inflammation, wound healing, mineralisation and pigmentation of tissues, congenital and inherited disorders, an introduction to circulatory disorders, and neoplasia.
Objectives:	Students completing the subjects Veterinary Pathology A should: <ul style="list-style-type: none"> # be familiar with and able to accurately apply the terminology of pathology; # understand the principles and possess the essential information regarding the major causes of disease and the responses of cells and tissues to injury; # understand the cellular, biochemical and molecular basis of pathological processes; # be able to observe precisely and identify, describe and interpret the macroscopic and microscopic appearances of tissues and cells altered by disease processes;
Assessment:	One 2-hour written examination (60%) and one 1-hour computer-based practical examination (20%) at the end of semester. Two computer-based assessments approximately during weeks 4 and 11 respectively during semester, each up to a maximum of 45 minutes' duration and each contributing 10% to the total subject mark. The timing of the computer based intra semester assessments will be indicated in the teaching timetable available at the commencement of the semester.
Prescribed Texts:	Robbins et al Pathologic basis of disease, Edition 7 or later.
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:	Students completing Veterinary Pathology A should have: <ul style="list-style-type: none"> # developed skills in independent and self-directed learning; # the skills to apply technology to the analysis of biological problems; # the skills to obtain information from primary sources;

	<ul style="list-style-type: none"># the capability to solve problems in applied situations, with the ability to integrate information from multiple disciplines;# competency in using multimedia to acquire, manage, present and discuss data;# enhanced oral and written communication skills; and# a broad understanding of the application and use of specialised medical terminology.
Related Course(s):	Bachelor of Veterinary Science(PV)