250-110 Veterinary Biochemistry A

Credit Points:	6.250
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus.
Time Commitment:	Contact Hours: 27 hours of lectures and 3 hours of tutorials. Total Time Commitment: Estimated total time commitment 42 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 I D Walker
Subject Overview:	At the end of the sequence Veterinary Biochemistry A and Veterinary Biochemistry B, students completing these subjects should: be familiar with the terminology of biochemistry; comprehend the principles and essential information regarding chemical structures and properties of cellular constituents and the correlation of structure with function; comprehend the interrelationships of metabolic pathways and biochemical reactions between tissue systems; have developed skills in organising, analysing and evaluating biochemical data. Topics include: amino acid, peptide and protein chemistry; enzymology, allostery and oxygen transport; biochemistry of nucleic acids, protein synthesis and post-synthetic modification.
Assessment:	A 2-hour written examination at the end of semester (80%). One 1-hour test will be held during the semester (20%) 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 Biochemistry A and Veterinary Biochemistry B these students should have: # skills in organising, analysing and evaluating data; and # developed respect for intellectual integrity.
Related Course(s):	Bachelor of Veterinary Science Bachelor of Veterinary Science(PV)