VETS10006 Veterinary Biochemistry A

Credit Points:	6.25
Level:	1 (Undergraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 1, Parkville - 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:	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 Statementhttp://www.vet.unimelb.edu.au/docs/AcademicRequirements.pdfand information about Students Experiencing Disability http://www.vet.unimelb.edu.au/docs/Disability.pdf
Coordinator:	Dr Jason White
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Subject Overview:	Topics include: amino acid, peptide and protein chemistry; enzymology, allostery and oxygen transport; biochemistry of nucleic acids, protein synthesis and post-synthetic modification.
Objectives:	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.
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:	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:	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(PV)