

250-218 Veterinary Pharmacology & Toxicology 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: 21 hours of lectures and 12 hours of laboratory work. Total Time Commitment: Estimated total time commitment 53 hours (minimum).
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	<p><p>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.</p> <p><p>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</p></p> </p>
Coordinator:	Dr E Tudor
Subject Overview:	<p>At the end of the sequence Veterinary Pharmacology & Toxicology A and Veterinary Pharmacology & Toxicology B students completing these subjects should understand: the language of pharmacology and toxicology; the concept of drug receptors and molecular responses; the principles of pharmacodynamics and pharmacokinetics; the mechanisms of action of classes of drugs affecting different organ systems, in particular drugs affecting the autonomic, cardiovascular, renal, respiratory, gastrointestinal, and central nervous systems, as well as anti-inflammatory, immunomodulatory and endocrine drugs, anti neoplastic antimicrobial agents, anti parasitic agents; and the toxicology of plant, animal, agricultural, industrial and household chemicals.</p> <p>Topics include: Drugs affecting the autonomic nervous system; drugs affecting the cardiovascular system; pharmacokinetics; systems pharmacology and pharmacodynamics.</p>
Assessment:	A 2-hour written examination at the end of semester (80%) and ongoing assessment during the practical course comprising four 15-minute written tests (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:	<p>At the end of the sequence Veterinary Pharmacology and Toxicology A and Veterinary Pharmacology and Toxicology B students completing these subjects should have:</p> <ul style="list-style-type: none"> # the ability to integrate scientific information from different discipline areas; # the ability to participate in collaborative learning; and

	# developed skills in report writing.
Related Course(s):	Bachelor of Veterinary Science Bachelor of Veterinary Science(PV)