

VETS20013 Veterinary Pharmacology & Toxicology B

Credit Points:	6.25
Level:	2 (Undergraduate)
Dates & Locations:	2012, Parkville This subject commences in the following study period/s: Year Long, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 24 hours of lectures and 8 hours of case studies. Total Time Commitment: Estimated total time commitment 62 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/CoreParticipationReqs.pdf
Coordinator:	Assoc Prof Elizabeth Tudor
Contact:	Email: etudor@unimelb.edu.au
Subject Overview:	Topics include: Drugs affecting the central nervous system; anti-inflammatory drugs; systems pharmacology; toxicology, anti parasitic and antimicrobial agents.
Objectives:	At the end of the sequence Veterinary Pharmacology & Toxicology A and Veterinary Pharmacology & Toxicology B students completing these subjects should understand: <ul style="list-style-type: none"> # 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; # the toxicology of plant, animal, agricultural, industrial and household chemicals.
Assessment:	<ul style="list-style-type: none"> • A 1-hour written examination at the end of Semester 1 (40%) • A 1-hour written examination at the end of Semester 2 (40%) • A toxicology assignment based on case studies and comprising a short written report of 1000 words to be submitted in Week 11 of Semester 1 (15%) • Five on-line formative intra-semester assessment exercises conducted over the year (1% for each test).
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 Pharmacology and Toxicology A and Veterinary Pharmacology and Toxicology B students completing these subjects should have: <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.