

VETS20012 Veterinary Pharmacology & Toxicology 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: 21 hours of lectures and 12 hours of laboratory work. Total Time Commitment: Estimated total time commitment 53 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 autonomic nervous system; drugs affecting the cardiovascular system; pharmacokinetics; systems pharmacology and pharmacodynamics.
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:	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:	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.

Related Course(s):

Bachelor of Veterinary Science(PV)