VETS30017 Veterinary Bioscience: Metab & Excretion

Credit Points: 12.50

Level: 3 (Undergraduate)

Dates & Locations:

2012, Parkville

This subject commences in the following study period/s:
Semester 1, Parkville - Taught on campus.

Time Commitment: Contact Hours: 72 Total Time Commitment: 120 hours

Prerequisites:

Enrolment in this subject requires permission from the Faculty of Veterinary Science.

Students must have successfully completed the following subjects:

Subject	Study Period Commencement:	Credit Points:
VETS20014 Foundations of Animal Health 1	Semester 1	12.50
VETS20015 Foundations of Animal Health 2	Semester 2	12.50

and **ONE OF** the following two subjects:

Subject	Study Period Commencement:	Credit Points:
BCMB20002 Biochemistry and Molecular Biology	Semester 1, Semester 2	12.50
BIOM20001 Molecular and Cellular Biomedicine	Semester 1	25

Corequisites:

Students must enrol in the following subjects:

Subject	Study Period Commencement:	Credit Points:
VETS30015 Veterinary Bioscience: Cells to Systems	Semester 1	12.50
VETS30016 Veterinary Bioscience: Digestive System	Semester 1	12.50

Recommended Background Knowledge: None

Non Allowed Subjects: None

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 Jenny Charles

Contact: Email: **charlesj@unimelb.edu.au (mailto:charlesj@unimelb.edu.au)**

Subject Overview: Using clinical cases to illustrate principles, this subject introduces students to the normal structure and function of the hepatobiliary system and urinary tract of the domestic animals, the disease processes that may affect these systems, and the causes and potential consequences of such disease. Students will develop skills in the clinical evaluation of the liver and urinary tract, including the selection and analysis of diagnostic tests of hepatic and renal function.

Objectives: This subject aims to equip students with a thorough understanding of the normal structure and function of the hepatobiliary system and urinary tract of domestic animals and the disease mechanisms that can cause structural injury and/or dysfunction of these body systems. After satisfactorily completing the subject, students should be capable of recognising the clinical signs that are suggestive of dysfunction and to conduct and interpret appropriate diagnostic investigations of these systems.

Assessment:	two hour end-of-semester examination (70%)a one hour within semester test (20%)computer-based assessment of case study exercises (10%)
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
Related Majors/Minors/ Specialisations:	Science-credited subjects - new generation B-SCI and B-ENG. Core selective subjects for B-BMED. Veterinary Bioscience (specialisation of Animal Health and Disease major)