

VETS30025 Veterinary Clinical Sciences

Credit Points:	6.25								
Level:	3 (Undergraduate)								
Dates & Locations:	This subject is not offered in 2013.								
Time Commitment:	Contact Hours: Lectures: 36 hours. Workshops: 8 hours. Total Time Commitment: 90 hours								
Prerequisites:	Successful completion of all subjects in Year 2 of Bachelor of Veterinary Science course.								
Corequisites:	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>VETS30024 Veterinary Paraclinical Sciences</td> <td>Not offered 2013</td> <td>12.50</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	VETS30024 Veterinary Paraclinical Sciences	Not offered 2013	12.50
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VETS30024 Veterinary Paraclinical Sciences	Not offered 2013	12.50							
Recommended Background Knowledge:	Years 1 and 2 (Semesters 1-4) of the BVSc course								
Non Allowed Subjects:	None								
Core Participation Requirements:	Students should be familiar with the Faculty's Academic Requirements Statement http://www.vet.unimelb.edu.au/docs/CoreParticipationReqs.pdf								
Contact:	Email: a.vizard@unimelb.edu.au (mailto:a.vizard@unimelb.edu.au)								
Subject Overview:	<p>This subject covers:</p> <ul style="list-style-type: none"> # Scientific method and systems analysis. # Veterinary epidemiology. # Introduction to diagnostic methods. # Animal breeding and genetic improvement. # Principles of: <ul style="list-style-type: none"> - Surgery in diagnosis; - Radiography. 								
Objectives:	<p>Students completing this subject should:</p> <ul style="list-style-type: none"> # understand the scientific method; # be able to critically read scientific papers; # understand the multi-factor nature of disease; # understand the concepts of epidemiology; # be aware of factors which influence patterns of disease; # be familiar with the techniques of data acquisition and analysis and the uses and limitations of statistical information; # be able to undertake epidemiological investigations of animal disease outbreaks; # be able to design a simple breeding program for animals; # understand the principles of selection for genetic improvement in various animal production systems; # be able to advise on the use of reproductive technologies to improve the rate of genetic gain; # understand the principles and applications of surgery as a diagnostic tool, radiography and ultrasonography; and # consolidate their knowledge of veterinary public health, especially as it relates to food production systems and to zoonotic diseases and emerging diseases. 								
Assessment:	One 1-hour written paper at the end of Semester 1 (45%) One 1-hour written paper after Semester 2 intra-semester break (45%) Assessment of assignments/exercises during semesters (10%) Students are required to pass the subject on aggregate marks.								

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 Course(s):	Bachelor of Veterinary Science Bachelor of Veterinary Science(PV)