VETS30004 Diseases of Body Systems 2

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 45 lecture hours and 63 practical hours. Total Time Commitment: Estimated total time commitment 136 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 Statementhttp://www.vet.unimelb.edu.au/docs/AcademicRequirements.pdfand information about Students Experiencing Disability http://www.vet.unimelb.edu.au/docs/Disability.pdf
Coordinator:	Dr Michael Pyman
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Subject Overview:	Diseases of the reproductive and urinary systems and mammary gland are studied. Study of female and male reproduction; normal and abnormal pregnancy and parturition; post-parturient disorders; infertility; and artificial control of reproduction, including embryo transfer and artificial insemination. Diseases of the reproductive and urinary systems and the mammary gland are considered from a variety of aspects, including causes, general clinical manifestations, pathology and pathophysiology (at the macroscopic and microscopic level), and broad principles of patient management in terms of prognosis and indications for medical and/or surgical therapy. Appropriate ancillary investigations and techniques, such as radiography, ultrasonography, bacteriology, biopsy, clinical pathology, parasitology, serology and virology are also discussed.
Objectives:	Students completing this subject should: # understand the normal birth process and ways in which it may be manipulated; # be aware of the types of obstetrical problems which can occur and the details of the methods for their resolution; # be aware of the importance of clinical signs which indicate a disturbance of structure and function of the reproductive and urinary systems; # be aware of the current developments in embryology, in-vitro fertilisation, embryo transfer, embryo sexing, splitting, microinjection of genetic material, and laparoscopic insemination; # be able to recognise, describe and interpret morphological changes in the reproductive and urinary systems at both the macroscopic and microscopic level; # have a knowledge of causes of disease in the reproductive and urinary systems, and be able to recognise if the disease is expressed locally or as disturbances of whole body function or other organ function; # understand the principles of patient management for disorders reproductive and urinary systems in terms of indications for particular types of therapy, and the principles of providing a prognosis; # be aware of the uses and limitations of ancillary investigations such as ultrasonography, radiography, clinical pathology, bacteriology, virology, serology and pathology of biopsy specimens in diagnosis and management.

Assessment:	One 3-hour written paper (80%), one 15-minute oral examination (10%) and a 30-minute practical examination in pathology (10%) at the end of 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 Body Systems 1 and Body Systems 2 students completing these subjects should: # have developed skills in independent and self-directed learning and in collaborative learning; # be able to apply technology to analyse biological problems; # be capable of solving problems in applied situations, with ability to organise and evaluate data and integrate information from multiple disciplines; # have improved observational skills; and # be competent at using multimedia to acquire information.
Related Course(s):	Bachelor of Veterinary Science(PV)