250-108 Veterinary Anatomy 1A

Credit Points:	12.50
Level:	1 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 1, - Taught on campus.
Time Commitment:	Contact Hours: 37 hours of lectures and 47 hours of practical classes. Total Time Commitment: Estimated total time commitment 137 hours (minimum).
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry. It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability
Coordinator:	Mr Christopher John Philip
Subject Overview:	At the end of the sequence Veterinary Anatomy 1A and Veterinary Anatomy 1B students completing these subjects should: *comprehend:* the terminology of gross anatomy, histology and embryology; the relationships between structure and function of each of the following types of anatomical structures: skin, fascia and skeletal muscles; bones and joints; viscera; vessels and nerves; the structural/ functional differences of organs/tissues between the major domestic animals; the appearance, consistency and colour of normal structures; the identification of organs from different domestic animals; the appearance of normal structures in radiographs; the principles and essential information on the light and electron-microscopic structure of normal cells and tissues; the organisation of cells and tissues into specific organs and systems; the fundamental process of development, formation of the embryo, the placenta and development of organs; and the embryological basis of certain malformations; *develop:* practical skills in dissection and proper use of microscopes; *appreciate:* the range of variation in normal organs/tissues due to age, sex and physiological status; species variation of organ structure and function among the domestic animals; common occurrence of variations from text-book descriptions of anatomical structures; and the existence of microscopic structural variation in normal tissue. Topics include: introduction to anatomy; general histology; general embryology; introduction to neuroanatomy; musculoskeletal system; cardiovascular system; haemopoietic tissues; radiographic anatomy; regional anatomy of the dog and embryological malformations.
Assessment:	A 2-hour written examination (60%) and an 80-minute practical examination (40%) both at the end of semester.
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
Generic Skills:	At the end of the sequence Veterinary Anatomy 1A and Veterinary Anatomy 1B students completing these subjects should have: # skills in observation and recording, in interpretation of observations and in critical assessment of data; # familiarity with works of reference and methods of sourcing information; and # skills in collaborative learning as a team member.
Related Course(s):	Bachelor of Veterinary Science Bachelor of Veterinary Science(PV)