

VETS10004 Veterinary Anatomy 1A

Credit Points:	12.50
Level:	1 (Undergraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 35 hours of lectures and 47 hours of practical classes. Total Time Commitment: Estimated total time commitment 137 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/AcademicRequirements.pdf and information about Students Experiencing Disability http://www.vet.unimelb.edu.au/docs/Disability.pdf
Coordinator:	Mr Christopher Philip
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Subject Overview:	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.
Objectives:	At the end of the sequence Veterinary Anatomy 1A and Veterinary Anatomy 1B students completing these subjects should: <ol style="list-style-type: none"> 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.
Assessment:	A 2-hour written examination (60%) and an 80-minute practical examination (40%) both 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:	<p>At the end of the sequence Veterinary Anatomy 1A and Veterinary Anatomy 1B students completing these subjects should have:</p> <ul style="list-style-type: none"># 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(PV)