

7.00 credits

35.0 h + 40.0 h

Q2

Teacher(s)	Jacqmot Olivier ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	A good knowledge of the basic biology is absolutely necessary. Knowledge of the anatomy of the musculoskeletal system is recommended to study the anatomy of nerves and vessels.
Main themes	Teaching anatomy of animals is made system by system (locomotive, respiratory, digestive, reproductive, circulatory, etc.). For every notion, an in-depth study of three reference animals (dog, horse and bovine) is realized, followed by a compared study of the cat, the small ruminants, the pig, the rabbit and the birds. This third course concerns the cardiovascular and lymphatic systems as well as the central nervous system, the peripheral nervous system (sensory and motor nerves) and autonomic nervous system..
Learning outcomes	<b>At the end of this learning unit, the student is able to :</b>  The aim of the 4 courses of anatomy of domestic animals is to teach this matter to future veterinarians. Learning anatomy allows the student to fill the requirements of the medical act. In particular to localize exactly any organ of an animal, to be able to correlate any reaction of a precise anatomical area to a precise organ, to choose the places of auscultation, palpation, percussion, to choose also precise places of diagnostic or therapeutic intervention and to do any medical act. The aim of the course is also to make understand the normal functioning of organs and, by comparison, the abnormal functioning of these organs. In other words, to explain the physiology and the pathology according to the forms and the anatomical structures. The accent is thus put on the functional and clinical aspects of this matter
Evaluation methods	<ul style="list-style-type: none"> <li>• Theory: written exam including diagrams to be drawn and/or labelled and oriented, MCQs, open questions and short answer questions. The theory exam is worth half the points for the year.</li> <li>• Practical work : <ul style="list-style-type: none"> <li>• continuous assessment during dissection sessions (25%)</li> <li>• Dissection exam (75%) (out of session)</li> </ul> </li> </ul> <p>The practical examination is worth half the points. The final mark is based on the average of the two parts of the assessment (theory and practical work) provided that a minimum mark of 8/20 is obtained for each part, otherwise the mark for the least successful part will be used.</p>
Teaching methods	Lecture based on powerpoints and diagrams on the blackboard Practical work: dissection of dogs, cats and rats
Content	Morpho-functional study of the following organs : <ul style="list-style-type: none"> <li>- Heart</li> <li>- Arteries and veins</li> <li>- Lymphatic nodes and vessels</li> <li>- Central and peripheric nervous systems</li> <li>- Autonomous nervous system</li> </ul>
Inline resources	Complete notes written by the professor (moodle)
Bibliography	Plus d'une vingtaine d'ouvrages disponibles pour consultation chez le titulaire Les deux références principales sont : <ol style="list-style-type: none"> <li>1. Anatomie comparée des mammifères domestiques. R. Barone (6 tomes) Ed. Vigot</li> <li>2. Veterinary Anatomy. Dyce, Sack and Wensing. Ed Saunders</li> </ol>
Other infos	Prerequisite: a good knowledge of basic biology. Complete illustrated notes can be purchased. All recommended books of comparative and clinical anatomy of domestic animals are available in the veterinary Unit. The theoretical concepts are illustrated by practical activities consisting of detailed dissections of different animal species the (dog, cat, horse, sheep, pig, rat and domestic birds).

Faculty or entity in charge	VETE
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<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Veterinary Medicine	VETE1BA	7		