

8.00 credits

45.0 h + 37.5 h

Q1 and Q2

Teacher(s)	Rivas Leonel Ellen ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	A good knowledge of the basic biology is absolutely necessary.
Main themes	<p>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.</p> <p>This first course concerns the various parts of the locomotive system: osteology (study of the osseous skeleton), arthrology (study of the joints), myology (study of the body muscles). A chapter dedicated to the biomechanics closes this first course. The theoretical notions are the subject to detailed dissections and demonstrations.</p>
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <p>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</p>
Evaluation methods	<ul style="list-style-type: none"> • 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. • Practical work : <ul style="list-style-type: none"> • Osteology: out-of-session written examination (25% of the practical work mark) • Arthrology and myology: <ul style="list-style-type: none"> • 25% of the grade is based on continuous assessment during practical sessions • 50% of the grade is based on the dissection examination (in session) <p>The practical examination is worth half the marks</p> <p>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	<p>Classroom lecture based on powerpoints and 3D models available online.</p> <p>Practical work: dissection of different domestic species (dog, cat, equine, bovine, ovine)</p>
Content	<p>This first course concerns the various parts of the locomotive system: osteology (study of the osseous skeleton), arthrology (study of the joints), myology (study of the body muscles). A chapter dedicated to the biomechanics closes this first course. The theoretical notions are the subject to detailed dissections and demonstrations.</p>
Inline resources	<p>The course ppts will be available on Moodle as well as four illustrated (color) and referenced syllabuses available on the platform.</p>
Bibliography	<p>Les livres de référence sont disponibles à la BST.</p> <p>Les deux références principales sont :</p> <ol style="list-style-type: none"> 1) Anatomie comparée des mammifères domestiques. R. Barone (7 tomes) Ed. Vigot 2) Veterinary Anatomy. Dyce, Sack and Wensing. Ed Saunders
Other infos	<p>Active attendance at practical work is mandatory. Unjustified absences will be sanctioned.</p>
Faculty or entity in charge	<p>VEETE</p>

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Veterinary Medicine	VETE1BA	8		