

8.0 credits	45.0 h + 37.5 h	2q
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Teacher(s) :	Moens André ;
Language :	Français
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>
Aims :	<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> <p><i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i></p>
Evaluation methods :	Oral exam with 45 minutes of preparation and a practical exam (dissection)
Teaching methods :	<p>Oral lecture by the professor</p> <p>Presentation with transparencies</p> <p>Practical class dissection of several domestic species (dog, cat, ponies, sheep, pig, rat and chicken)</p>
Content :	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.
Bibliography :	<p>More than about twenty books available for consultation at the professor</p> <p>The two main references are:</p> <p>1) Anatomie comparée des mammifères domestiques de R. Barone (6 tomes) Ed. Vigot</p> <p>Veterinary Anatomy, Dyce, Sack and Wensing. Ed Saunders</p>
Cycle and year of study :	> Bachelor in Veterinary Medicine
Faculty or entity in charge:	VETE