

3.0 credits	22.5 h + 22.5 h	2q
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Teacher(s) :	Moens André ;
Language :	Français
Place of the course	Louvain-la-Neuve
Prerequisites :	The three precedent courses of anatomy (LVET1141, LVET1241A and LVET1241B). <i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>
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 last course of anatomy is a synthesis of the anatomical notions studied system by system. It aims, for a given anatomical region, at integrating all the notions of anatomy previously studied systems by system. This course gives a clinical approach of the anatomy of our domestic animals.
Aims :	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 <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>
Evaluation methods :	Oral exam with 45 minutes of preparation
Teaching methods :	Oral lecture by the professor Presentation with transparencies Practical class :dissection and demonstration by specialized veterinarians (horse, cow, dog)
Content :	Regional study of organs previously studied system by system. The accent is put on the important clinical aspects. Regions are: the head, the dorsal neck, the ventral neck, the thorax, the abdominal cavity, the pelvic cavity and the segments of the fore- and hindlimb (thoracic and pelvic girdles, stylopod, zeugopod and basipod). The theoretical notions are subject of detailed dissections and demonstrations on living animal by specialized veterinarians (clinical anatomy of the bovine, the horse, the dog, the medical imaging) or on cadavers (digestive and genital surgery of carnivores) Morpho-functional study of the following organs : <ul style="list-style-type: none"> - Heart - Arteries and veins - Lymphatic nodes and vessels - Central and peripheric nervous systems - Autonomous nervous system
Bibliography :	More than about twenty books available for consultation at the professor The two main references are: 1) Anatomie comparée des mammifères domestiques de R. Barone (6 tomes) Ed. Vigot Veterinary Anatomy, Dyce, Sack and Wensing. Ed Saunders
Faculty or entity in charge:	VETE

Programmes / formations proposant cette unité d'enseignement (UE)				
Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Bachelor in Veterinary Medicine	VETE1BA	3	LVET1141 and LVET1241A and LVET1241B and LVETE1250	