lvet1241b

2019

Domestic animals anatomy II (2d part)

In view of the health context linked to the spread of the coronavirus, the methods of organisation and evaluation of the learning units could be adapted in different situations; these possible new methods have been - or will be - communicated by the teachers to the students.

7 credits	35.0 h + 40.0 h	Q2

Teacher(s)	Moens André ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	A good knowledge of the basic biology is absolutely necessary *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.*
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..
Aims	1 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 - - - - *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".*
Evaluation methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** Oral exam with 45 minutes of preparation and a practical exam (dissection)
Teaching methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** Oral lecture by the professor Presentation with transparencies Practical class dissection of several domestic species (dog, cat, ponies, sheep, pig, rat and chicken)
Content	Morpho-functional study of the following organs : - Heart - Arteries and veins - Lymphatic nodes and vessels - Central and peripheric nervous systems - Autonomous nervous system
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 : 1. Anatomie comparée des mammifères domestiques. R. Barone (6 tomes) Ed. Vigot 2. Veterinary Anatomy. Dyce, Sack and Wensing. Ed Saunders

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 theorical 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

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Veterinary Medicine	VETE1BA	7	LVET1141	🔍