UCLouvain

lvete1246

2026

Domestic animals anatomy: nervous, cardiovascular and lymphatic systems

7.00 credits	37.5 h + 40.0 h	Q2

Teacher(s)	Jacqmot Olivier ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	Cours LBIO1111 – biologie cellulaire et moléculaire Cours LBIO1112 – biologie des organismes (partie animale) Cours LVETE1141 – Anatomie des animaux domestiques I
Main themes	This third domestic animal anatomy course concerns the cardiovascular and lymphatic systems as well as the central, peripheric (sensory and motor nerves) and autonomous nervous systems.
Learning outcomes	**At the end of this learning unit, the student is able to :** • Understand and know the basic structure and function of the vascular, lymphatic and nervous systems. • Locate the different vessels and nerves linked to the organs and tissues that they irrigate/innervate • Make the link with the clinical examination or technical procedures (cardiac auscultation, blood test, pulse measurement, neurological examination, palpation of lymph nodes, etc.)

Evaluation methods	• Theory: written exam including diagrams to create and/or label and guide, multiple choice questions, open questions and short answer questions. The theoretical exam is worth half of the points for the year
	• Practical work:
	  • continuous assessment during dissection sessions (25%)
	  • dissection exam (75%) (outside session)
	
	The practical exam is worth half the points.
	The final mark is based on the average of the two parts of the evaluation (theory and practical work) provided that a minimum mark of 8/20 is obtained for each part, otherwise it is the mark of the worst part successful which will be kept.

Teaching methods	Lecture based on powerpoints and diagrams made on the board Practical work: dissection of dogs, cats and rats
Content	Morpho-functional study of the following organs: • Heart • Artery and veins • Lymphatic nodes and vessels • Central and peripheral nervous systems, including autonomic nervous system
Inline resources	Course notes and various supports available on Moodle
Bibliography	Nombreux ouvrages disponibles à la BST 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	The LVETE1245 course must be taken before
Faculty or entity in charge	VETE

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