

5 credits

45.0 h + 9.0 h

Q1

Teacher(s)	Donnay Isabelle ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	<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	The main subjects covered in this course are endocrinology, reproductive physiology, digestive physiology, cardiovascular physiology as well as renal and respiratory physiology. Part 1 (1q - 9 credits - 90-10) : digestive physiology (36h), endocrinology and reproductive physiology (54h) Part 2 (2q- 4 credits- 45-20) : cardiovascular, renal and respiratory physiology
Aims	<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	Written exam in two parts: multiple choice questions and long questions. The score obtained for practical exercise reports is entered into the exam mark the first time the student takes the exam.
Teaching methods	Partim A will be given in the form of "inverted classes" from 2018-2019. The course materials have been adapted for students to study on their own. The success of online tests is necessary in order to have access to the following chapters. "Questions-answers" sessions with the teacher will be organized every week during the 7 weeks of the course (mandatory attendance).
Content	Courses deals mainly with domestic mammals (ruminants, pigs, horses, dogs and cats). Other species such as birds and rodents are also addressed. The accent is brought on the importance of the regulation of physiological functions, among others by presenting simple pathological situations. The course is splitted into two parts Partim A deals with endocrinology and physiology of reproduction. Two practical sessions, one on hormonal assays, the other on semen analysis and vaginal smear are planned. Reports will have to be returned at the end of both sessions
Inline resources	Course materials and tests are available on Moodle
Other infos	Pré-requis General physiology, Biochemistry and Animal Cellular Biology. Evaluation Part 1 : oral examination with written preparation or written examination. Part 2 : June session : oral examination with written preparation. The student will be questioned regarding his/her ability to integrate the notions that have been covered in the different parts of the course and to use the concepts that have been treated in different case studies (physiology and pathology). Support Power point slides (available on i-campus) as well as reference textbook(s). Encadrement vol1 : Two associate professors (one for digestive physiology and one for the other parts). Volume 2 : professors + teaching assistant(s).
Faculty or entity in charge	VETE

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Veterinary Medicine	VETE1BA	5	LCHM1371B AND LVET1241A AND LVET1241B AND LVET1296 AND LBIO1232A	