

5.00 credits

45.0 h + 9.0 h

Q1

Teacher(s)	Donnay Isabelle ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	Advised knowledge of advanced notions of biochemistry, anatomy of internal organs, nerves and vessels, and physiology to understand the course of physiology (endocrinology and reproduction)
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
Learning outcomes	
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 are given in the form of "inverted classes" since the academic year 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	Prerequisites: General physiology, Biochemistry and Animal Cellular Biology.
Faculty or entity in charge	VETE

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Veterinary Medicine	VETE1BA	5		