


5.00 credits

45.0 h + 9.0 h

Q1

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| 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) | | | | |
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| Program title | Acronym | Credits | Prerequisite | Learning outcomes |
| Bachelor in Veterinary Medicine | VETE1BA | 5 | |  |