

4.00 credits

30.0 h + 12.0 h

Q2

Teacher(s)	Cabaraux Jean-François ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	Some basic notions in chemistry, physics, and physiology. <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	This course begins by giving the general principles of ecology and then continues by presenting the characteristics of the living environment of domestic animals in specialized breeding farms, showing how these characteristics can influence their well-being, health and level of production. The course also discusses the influence that animal presence can have on the general quality of the environment.
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <p>1</p> <ul style="list-style-type: none"> • to analyze the various components of the animals' environment that may interfere with their well-being, health, and production levels; • to determine, on the basis of this analysis, whether the living environment offered to the animals meets their needs; • to discuss environmental issues related to domestic animals
Evaluation methods	<p>The final exam is written in the form of a "multiple-choice questionnaire" (MCQ) and/or "short open-ended questions" (SOQ). It is organized simultaneously for all students of the Wallonia-Brussels Federation. Practicals will be evaluated during this final exam; the questions asked will assume that the matter has been well seen and understood.</p> <p>The two homeworks will count for 10% of the final grade.</p> <p>The pass grade for the course is 10.00/20 and grades below 10.00/20 will not be rounded up.</p>
Teaching methods	<p>This course, both for the theoretical part and for the practical work/associated exercises, is not the subject of a lecture in audience. It is offered to each student via an online support designed and hosted at ULiège and accessible to all students of the Wallonia-Brussels Federation who are following the bachelor's degree course in veterinary medicine.</p> <p>The course is given online via video presentations, exercises, practical work, forums, homework assignments, etc. An information session on the objectives and content of the course as well as on the modus operandi of the online course is organised in person at the beginning of the second term.</p> <p>A forum is available to all students of the Wallonia-Brussels Federation who are following this course so that they can ask questions about the subject.</p> <p>Two assignments are scheduled during the year.</p> <p>Formative tests are planned so that students can check their level of understanding of the course as it progresses.</p>
Content	<p>The course includes 30 hours of theory and 12 hours of practicals/exercises.</p> <p>It deals with :</p> <ul style="list-style-type: none"> • general principles of ecology; • animal housing in general: air quality, lighting, noise, bioclimatology, insulation, ventilation, heating... ; • specific housing modalities for the different categories of domestic animals; • the impact of the environment on animal health and of the animal on environmental health. <p>Practicals/exercises provide an overview of the course by integrating the data from the different chapters.</p>
Inline resources	eCampus website at ULiège. https://www.ecampus.ulg.ac.be/
Faculty or entity in charge	VEETE

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Veterinary Medicine	VETE1BA	4	LVETE1230 AND LVETE1280 AND LPHY1101 AND LPHY1103	