

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, animal physiology and animal production
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> <ul style="list-style-type: none"> • analyze the various components of the animals' environment that may interfere with their well-being, health, and production levels; 1 • determine, on the basis of this analysis, whether the living environment offered to the animals meets their needs; • discuss environmental issues related to domestic animals.
Evaluation methods	<p>The final exam is written in a "multiple-choice questions" (MCQ) and/or "multiple-response questions" (MRQ) form. If the exam is online, "short open-ended questions" (SOQs) will also be used. It is organized simultaneously for all veterinary students in ecology from ULiège, UCLouvain and UNamur. The practical work will be evaluated during this final exam; the questions will assume that this subject has been seen and understood.</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 associated practical work/exercises, is not subject to an audience presentation. It is offered to each student via online support designed and hosted at ULiège and accessible to the students from ULiège, UCLouvain and UNamur, who are following the Bachelor's degree course in veterinary medicine.</p> <p>It is a online course with live or recorded lessons, exercises, practicals, forum, ...</p> <p>An information session on the objectives and content of the course as well as on the modalities of the course, is organized at the beginning of the 2nd four-month period.</p> <p>A forum is available to all students who follow this course so that they can ask questions on the matter.</p> <p>Formative quizzes are provided so that students can check their level of understanding of the course as they progress through the course.</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.uliege.be
Faculty or entity in charge	VETE

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