lvete1243

2024

Epidemiology

2.00 credits	20.0 h + 4.0 h	Q2

Teacher(s)	Dehoux Jean-Paul ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	Knowledge of the basic notions of cellular and molecular biology is recommended to understand the course of epidemiology
Learning outcomes	
Evaluation methods	Written examination (5 to 10 questions)
Teaching methods	Lectures
Content	This course describes the notions of veterinary epidemic (epizootiology) Purpose of the activity (main topics to be addressed) Epidemiology and risk analysis. The course will start with basic notions in epidemiology (sectors, quantification, reports, indicator, rates). Will follow the detection of infectious animal diseases (true positives), investigations in descriptive epidemiology, epidemics, habitat and transmission of pathogens, methods available to fight against diseases, risk analysis and evaluation of animal health actions. The cost of diseases and their prevention will close this training. These concepts will be illustrated with examples such as the study of some major diseases, from an epidemiological point of view, such as brucellosis, tuberculosis and other zoonotic diseases
Inline resources	Moodle: power point files for the lectures and conferences
Bibliography	Cours Moodle Livre de référence: Epidémiologie appliquée à la lutte collective contre les maladies animales transmissibles (2ème édition), par B. Toma, B. Dufour, M. Sanaa, J.J. Bénet, A. Shaw, F. Moutou, A. Louzã, AEEMA, Paris, 2001
Faculty or entity in charge	VETE

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Veterinary Medicine	VETE1BA	2		🔍