

Module name:	<b>Veterinary epidemiology</b>	
ECTS:	<b>2</b>	
Learning effects	Course outcomes:	
Knowledge:	1	Student knows the definition in veterinary epidemiology
	2	Student knows the principles of diagnostic tests performance
	3	Student knows the principles of conducting disease surveys
	4	Student knows the principles of conducting observational studies
	5	Student knows the principles of conducting clinical trials
	6	Student knows the principles of creating questionnaire and conducting questionnaire surveys
	7	Student knows the basics of animal disease control
	8	Student knows the computer systems used in animal health control
Skills:	1	Student is able to plan and carry out epidemiological studies (disease surveys, observational and clinical studies)
	2	Student is able to prepare a questionnaire and conduct a questionnaire surveys
	3	Student is able to interpret the parameters characterizing diagnostic tests and apply appropriate diagnostic tests in practice
Competences:	1	Student is able to conduct epidemiological research using appropriate computer software
	2	Student critically analyses the results obtained and is able to use them in practice
Objectives of the module required to obtain learning effects:	The main objectives of the course cover theoretical and practical information on epidemiological methods used in veterinary sciences. Students acquaint with basic epidemiological concepts, basic knowledge about course of a disease in population, diagnostic tests theory, disease survey, observational studies, evidence based medicine, clinical trials and basics of disease control.	
Assessment methods:	Seminars, written test	