

Module name:	<b>Veterinary prevention</b>	
ECTS:	<b>4</b>	
Learning effects	Course outcomes:	
Knowledge:	1	Student knows methods of animal houses microclimate analyses
	2	Student knows principles of disinfection, insect and rodent control and repelling synanthropic birds
Skills:	1	Student gets abilities of complex evaluation of the farm (evaluation of environmental and zoo-hygienic conditions, work organization, services, evaluation of feeding and immune-prevention strategy)
	2	Student can perform evaluation of farm productivity including evaluation of the strategy taken by the farm management and current market situation
Competences:	1	Student is able to monitor the implemented preventive means at farm
	2	Student achieves the ability to use principles of veterinary prevention in the herd
	3	Student shows the abilities to cooperate with farmer in solving health problems in the animal's herd
Objectives of the module required to obtain learning effects:	<p>Veterinary prevention is interdisciplinary field which brings together knowledge from different areas – from physiology, feed science, nutrition and immunology through pathology, microbiology, toxicology diagnostics internal, infectious, reproduction diseases, economy and management. Veterinary prevention covers means to assure animal welfare and productivity and to protect from epigenetic disorders in foetal life like premature birth, non-infectious and infectious intrauterine growth retardation. Furthermore, it covers topics in neonatology and physiology and pathology of growing production animals, and all hygienic procedures associated with nutrition, proper resistance to diseases and herd health management. The other sub-topics are related to diagnostics of the entire herd condition by feed and water examination, productivity reports, diagnostic tests and examination of individual cases. Finally, farm localization, local environment and related biohazards which may play important role are covered.</p>	
Assessment methods:	Written test, case studies, written exam	