

Module name:	Parasitology and invasiology 2	
ECTS:	3	
Learning effects	Course outcomes:	
Knowledge:	1	Student knows characteristics of parasite species, their life cycles and hosts
	2	Student knows the consequences of the parasite infections (incl. zoonotic potency infections) in animals and humans
	3	Student knows antiparasitic compounds (drugs) and rules concerning their use in the control of parasite infection in animals
Skills:	1	Student is able to recognise clinical symptoms of parasitic infections
	2	Student is able to recognise pathological lesions caused by parasite in affected host
	3	Student is able to choose the adequate diagnostic method(s) to detect parasitic infection
Competences:	1	Student is ready to use knowledge to set up the optimal control method parasitic infections
	2	Student is able to communicate with owner using proper language and terms to discuss the infection
Objectives of the module required to obtain learning effects:	Characteristics of selected infections caused by parasitic nematodes and ectoparasites (insects and arachnids) as well as less often occurring ones (acanthocephalans, pentastomids) in farm, companion animals and humans. Introduction to clinical and molecular methods applied to detect and prevent drug resistance in parasites. Alternative parasite infection prevention methods. Molecular mechanisms of host-parasite relations. Parasite antigens, immune host-parasite reactions, evasion mechanisms of immune response, antiparasitic vaccines, allergies in parasitic infections.	
Assessment methods:	2 oral examinations, oral exam	