

Module title:	<b>Rotation – Laboratory Class of Parasitology</b>	<b>ECTS</b>	<b>1</b>
Polish translation:	Staż kliniczny – ćwiczenia laboratoryjne z parazytologii		
Course:	<b>Veterinary Medicine</b>		

Module language: English		Stage: JM-FVM	
Form of studies: <input checked="" type="checkbox"/> intramural <input type="checkbox"/> extramural	Type of module: <input type="checkbox"/> basic <input checked="" type="checkbox"/> directional	<input checked="" type="checkbox"/> mandatory <input type="checkbox"/> elective	Semester: 10..... <input type="checkbox"/> winter semester <input checked="" type="checkbox"/> summer semester
Academic year:		Intake <b>2021/2022</b>	Catalogue number: <b>FVM-V-JMSS-D54_20</b>

Module coordinator:	<b>Dr hab. Maciej Klockiewicz</b>			
Teachers responsible for the module:	<b>Academic teachers of the Institute / Department pre-Clinical Sciences</b>			
Course Description:	The review of epizootiology, pathogenesis, diagnostics and control of the most important parasitic infections of companion and farm animals. Laboratory work – coprological and molecular diagnostic methods detecting parasitic infections. Analysis of control methods applied in parasitic infections. Discussion on zoonotic aspects of the infections.			
Teaching forms, number of hours:	a) Lectures; hours ...; b) Laboratory classes; hours 8; c) Seminars; hours 7; d) Clinical laboratories; hours ...; e) Field exercises; hours ...;			
Teaching methods:	Detailed schedule will be defined by the coordinator of the course at the beginning of semester. Detailed organization of consultations will be defined by the coordinator of the course at the beginning of semester.			
Formal prerequisites and initial requirements:	Parasitology and Invasiology modules 1-2. Knowledge of pharmacotherapy of parasitic diseases, clinical diagnostics, differential diagnosis of infectious and internal diseases of livestock and pet animals			
Learning effects	Course outcomes:	Learning outcomes relative to the course outcomes	Impact on the course outcomes*	
Knowledge:	1	Student knows clinical pattern, epidemiology and pathogenesis of parasitic infections in particular infective stages, ways of infection	A.W.13, B.W.10 A.W.20, B.W.1, B.W.2, B.W.3 A.W.10, A.W.12, B.W.9	3 2 1
	2	Student knows general rules of parasite control in farm and companion animals	A.W.16, A.W.17 B.W.5, B.W.6, B.W.8 A.W.18, A.W.22, B.W.15, B.W.16, B.W.17	3 2 1
Skills:	1	Student is able to recognise problem caused by parasites in the context of health and animal productivity	B.U.2, B.U.3 A.U. 12, A.U.13 A.U.16, A.U.21, A.U.23, B.U.19, B.U.20	3 2 1
	2	Student is able to apply accurate diagnostic, treatment and prevention methods of particular parasitic infection in animals	B.U.9, B.U.10, B.U.13 A.U. 12, A.U.13, A.U.19 A.U.11, A.U.15, A.U.16, A.U.21, A.U.23, B.U.7, B.U.8, B.U.16, B.U.25	3 2 1
Competences:	1	Student is ready to use knowledge to set up the adequate control measures of parasitic infections – particularly protecting humans from zoonotic diseases	KS.1, KS.7 KS.4, KS.5, KS.6, KS.8, KS.10	3 2
			KS.2	1

	2	Student is ready to communicate with owner, other veterinarians and professionals responsible for the public health issues – in cases related with parasite-born infections	KS.5 KS.4, KS.6., KS.8, KS.10 KS.2, KS.3	3 2 1
Objectives of the module required to obtain learning effects:		The aim of the subject is to create student for being able to analyse parasite-born infections, conducting diagnosis using adequate parasitological laboratory methods and set up control protocol of infections in various animal species.		
Assessment methods:		Seminars, evaluation of practical skills, entries in the Student's Daybook of Summer Practice and Clinical Training, written essay In case of unforeseen, unusual circumstances mandatory remote teaching and remote assessment methods might be adopted.		
Detail description of assessment methods;		... No extra assessment methods are anticipated.		
Formal documentation of learning outcome:		eHMS entry. Records collected in the course portfolio i.e. individual records of student results, presence lists, database of oral and written questions, written assessments of the students.		
Elements impelling final grade:		Laboratory work -20%; paper work – 60%, colloquium – 20%		
Teaching base:		Parasitological laboratories and seminar room at The Division of Parasitology		
Mandatory and supportive materials :				
1. Taylor M.A., Coop R.L., Wall R.L. Veterinary Parasitology, Blackwell Publishing, 2007.				
2. Bowman D.D. Parasitology for Veterinarians. WB Sanders 2000.				
3. Kassai T. Veterinary Helminthology. Butterworth-Heinemann, 1999				
4 Georgi J.R., Georgi M.E. Canine clinical parasitology, Lea & Febiger 1992.				
5. ESCCAP.org				
Relevant scientific publications including those of the module coordinator.				
ANNOTATIONS				

\* 3 – complete and detailed, 2 – moderate, 1 – basic.

Quantitative summary of the module:

Estimated number of work hours per student (contact and self-study) essential to achieve presumed learning outcomes of the module - base for quantifying ECTS:	25.... h
Total ECTS points, accumulated by students during contact learning:	...1.... ECTS