

Module title:	Dog and cat infectious diseases	ECTS	2
Polish translation:	Choroby zakaźne psów i kotów		
Course:	Veterinary Medicine		

Module language: English		Stage: JM-FVM	
Form of studies: ☒ intramural ☐ extramural	Type of module: ☐ basic ☒ directional	☒ mandatory ☐ elective	Semester: 9 ☒ winter semester ☐ summer semester
Academic year:		Intake 2022/2023	Catalogue number: FVM-V-JMSS-09W-D19/4_20

Module coordinator:	Prof. Tadeusz Frymus
Teachers responsible for the module:	Academic teachers of the Institute of Veterinary Medicine
Course Description:	The subject of this course is etiopathogenesis, epidemiology, symptomatology, diagnosis, differential diagnosis and control of infectious diseases of dogs and cats - bacterial, viral and fungal, including these controlled by law. The content of the classes supplements the material given during the lectures. Lecture topics (2 hours each): 1. Rabies – etiology, pathogenesis, occurrence, epidemiology, diagnostic and control possibilities. Zoonotic aspects 2. Canine parvovirus type 2 infection - etiology, pathogenesis, occurrence, epidemiology, diagnostic and control possibilities. 3. Canine and feline vaccinology 4. Infections caused by canine coronavirus, canine adenovirus type 1, and Leptospira sp. - etiology, pathogenesis, occurrence, epidemiology, diagnostic and control possibilities 5. Canine distemper, kennel cough - etiology, pathogenesis, occurrence, epidemiology, diagnostic and control possibilities 6. Feline leukemia, feline immunodeficiency virus infection - etiology, pathogenesis, occurrence, epidemiology, diagnostic and control possibilities 7. Feline infectious peritonitis (FIP), panleukopenia - etiology, pathogenesis, occurrence, epidemiology, diagnostic and control possibilities 8. Feline upper tract respiratory infections - etiology, pathogenesis, occurrence, epidemiology, diagnostic and control possibilities (1 hour) Tutorials (2 hours each): 1. Rabies – diagnostics and control 2. Canine parvovirus type 2 infection – diagnostics and control 3. Infections caused by canine coronavirus, canine adenovirus type 1, and Leptospira sp. - diagnostics and control 4. Distemper, kennel cough, canine herpesvirus infection – diagnostics and control 5. Feline leukemia, feline immunodeficiency virus infection – diagnostics and control 6. Feline Infectious Peritonitis (FIP) - diagnostics and control 7. Panleukopenia, feline upper respiratory tract infections, feline haemotropic mycoplasmosis – diagnostics and control 8. Lyme Disease, dermatophytosis, anaplasmosis, ehrlichiosis - diagnostics and control 9. Differential Diagnosis of Infectious Diseases in Dogs and Cats 10. Oral exam
Teaching forms, number of hours:	a) Lectures; hours 15; b) Seminars; hours 20

Teaching methods:		The course is conducted in the form of lectures and tutorials in the form of original multimedia presentations, including practical and clinical aspects, containing videos and photos of clinical cases, case studies and discussion. 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:		Obtaining a positive final grade in the following subjects: Epidemiology, Microbiology, Immunology, Virology, Pharmacology, Clinical Diagnostics		
Learning effects		Course outcomes:	Learning outcomes relative to the course outcomes	Impact on the course outcomes *
Knowledge:	1	Student knows the rules of how to handle animals and technics methods of holding them	B.W.4 B.W.5	2 2
	2	Student knows the occurrence, importance, symptoms and combating the most important infectious diseases of dogs and cats	B.W.4 B.W.5	2 3
	3	Student knows the rules for collecting material for testing for infectious diseases	B.W.8 B.W.16	3 3
	4	Student knows the methods of performing basic tests for infectious diseases	B.W.4	3
	5	Student knows the rules for the prevention of infectious diseases	B.W.3	3
Skills:	1	Student can diagnose infectious diseases, including using laboratory diagnostics	B.U.2 B.U.3 B.U.6	2 2 3
	2	Student can adjust pharmacological treatment for individual infectious diseases	B.U.10	3
	3	Student can combat infectious diseases	B.U.8	3
	4	Student can develop prevention programs for infectious disease	B.U.21	3
Competences:	1	Student is ready to plan and conduct treatment of infectious diseases	KS.1	3
	2	Student is ready works in a medical team with doctors dealing with internal medicine	KS.4 KS.8	2 2
	3	Student is ready to update knowledge, follow the instructions and principles of professional ethics	KS.9 KS.10	2 2
	4	Student is ready for critical assessment of own knowledge	KS.7	2
	5	Student is ready to share knowledge	KS.9	2
Objectives of the module required to obtain learning effects:		During the course students acquire knowledge about etiopathogenesis, epidemiology, symptomatology, diagnosis, differential diagnosis and combating infectious diseases of dogs and cats - bacterial, viral and fungal, including this under regulatory systems for prevention and control.		
Assessment methods:		During the semester there is 1 written test covering the content given during the lectures. Test has 2 open questions. Each answer is assessed according to a scaled scoring system ranging from 0 to 5. To be admitted to the final oral exam an aggregated score over 50% of the maximum 10 resulting from 2 answers (that means 6) is needed. If the aggregated score is lower than 6 a retake (2 questions covering the matter of all lectures) will be necessary before the final oral exam, and to pass it the minimal score 6 is needed. 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:		To pass the final oral exam covering the material given during the lectures and tutorials a minimal score 3.0 is needed.		

