Syllabus

Module title:	From Symptom to Diagnosis		ECTS	1
Polish translation:	Od objawu do rozpoznania			
Course:	**Veterinary Medicine**			

Module language:	English					Stage:	JM-FVM	
Form of studies:	■ intramural ☐ extramural	Type of module:	☐ basic ☒ directional	☐ mandatory ☒ elective	Semester: 11		☒ winter semester ☐ summer semester	
				Academic year:	**2023/2024**	Catalogue number:	**FVM_V-JMSS-11W-ED22_23**	

Module coordinator:	**dr Olga Witkowska - Piłaszewicz**
Teachers responsible for the module:	**Academic teachers of the Institute of Veterinary Medicine; PhD students in accordance to the internal legal acts; visiting professors; other specialists in the field of study**
Objectives of the module:	The elective will provide knowledge about most common disorders in dogs and cats as well as diagnostic methods and treatment based on clinical cases. The course involves lectures which are based on clinical case scenarios. It allows Students to go through history, investigations, diagnosis, and management of the patients. During the course students are going to prepare and present their own cases to the rest of the group to confirm that they have gained the diagnostic and management skills. Topics of classes: 1. Jaundice 2. Weight loss 3. Diarrhea 4. Abdominal enlargement 5. Cough 6. Exercise intolerance 7. Polyuria and changes in urination. 8. Skin lesions, itching. 9. Mixed clinical cases
Teaching forms, number of hours:	a) Laboratory classes; hours 15
Teaching methods:	Original multimedia presentations prepared by academic teachers. 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:	Passing the courses: Dog and Cat Diseases

Learning effects			Course outcomes:	Learning outcomes relative to the course outcomes	Impact on the course outcomes*
Knowledge:		1	Students knows the major pathologies associated with cats and dogs most common disorders	B.W.2;B.W.3; A.W.10; .W.11	2
		2	Student knows the diagnostic algorithms used in clinical practise.	B.W.4; B.W.5;	3
		3	Student knows basic treatment protocols in most common diseases.	B.W.4.	3
Skills:		1	Student is able to use basic diagnostic algorithms.	B.U.3	2
		2	Student is able to conduct an interview and to make differential diagnostic of most common disease.	B.U.4	2
		3	Student is able to gather the patient's history	B.U.2	3
		4	Student is able to interpret the basic diagnostic tests, propose the differential diagnosis and treatment protocol.	A.U.11, A.U.19, B.U.13; B.U.15	3
Competences:		1	Student is prepared to propose to the owner an optimal treatment	KS.1; KS.2; KS.3; KS.4;	3
		2	Student formulates responsible decisions and give the diagnosis based on medical data	KS.1; KS.2; KS.3; KS.4;	2

	3	Student is aware of having knowledge, understands the necessity of consultancy and is prepared to share the competencies with the veterinary team and the animal's owner	KS.1; KS.2; KS.3; KS.4;	3
	4	Student is aware of the necessity of constant education using scientific sources	KS.1; KS.2; KS.4; KS.6;	2

Objectives of the module required to obtain learning effects:	The main goal of the course is to provide Students theoretical and practical skills based on clinical cases form endocrinology in companion animals.
Assessment methods:	Attendance to the classes is mandatory, student can be absent on 20% of labs or according to the current academic regulations. Evaluation of the clinical cases prepared by student and student's activity during the course. Participation in discussion during the classes. No extra assessment methods are anticipated. In case of unforeseen, unusual circumstances mandatory remote teaching and remote assessment methods might be adopted. In case of unforeseen, unusual circumstances mandatory remote teaching and remote assessment methods might be adopted.
Detail description of assessment methods;	Active participation in the clinical cases resolving during classes (0-6 points). Final exam is based on the resolving three clinical cases (5 points per each, 15 points the total score). The grades (2-5) are as follows: 0-10 points = 2 fail 11-15 points = 3 sufficient 16-19 points = 4 good 20-21 points = 5 very good If the students fails the exam, they can take another the exam for the second time (II term). 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 written test based on clinical cases resolving.
Elements impelling final grade:	The final grade is based on points from the clinical cases evaluation during classes and final exam based on resolving 3 clinical cases: 0-10 points – failed, 11-15 points sufficient, 16-19 good, +20 very good.
Teaching base:	Institute of Veterinary Medicine labs

Mandatory and supportive materials:
1. Gough A., Murphy K.: Differential diagnosis in Small Animal Medicine. 2nd edition, 2015, Willey Blackwell
2. Ettinger S.: Textbook of Veterinary Internal Medicine Expert Consult, 8th edition, 2017, Elsevier
3. Richard W. Nelson, C. Guillermo Couto: Small Animal Internal Medicine, 6th edition, 2019, Elsevier.

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**