Syllabus

Module title:	Breed-related disorders	ECTS	1
Polish translation:	Choroby powiązane z rasą		
Course:	**Veterinary Medicine**		

Module language:	English					Stage:	JM-FVM
Form of studies:	■ intramural ☐ extramural	Type of module:	☐ basic ■ directional	☐ mandatory ■ elective	Semester: 10….		☐ winter semester ■ summer semester
				Academic year:	Intake 2025/2026	Catalogue number:	FVM-V-JMSS-10S-E86_2**0**

Module coordinator:	Ilona Kaszak, DVM
Teachers responsible for the module:	Ilona Kaszak, DVM **, Institute of Veterinary Medicine ; Department of Small Animal Diseases with Clinic**
Course Description:	Program consists of multimedia presentations and interactive discussions on the most common breed-related disorders observed in small animals. The objective is to provide information about the proper differential diagnosis based on the history and clinical examination results. The course also provides a clear rationale for choosing the right diagnostic tests and treatments of diseases that can be communicated to the owner. basic concepts of Mendelian genetics with clinical application (1h) - clinical characteristics of a patient with a hereditary disease (1h) - the most common birth defects in dogs and cats (2h) - selected genetic disorders on the example of dog and cat breeds (2 h) - genetically determined drug hypersensitivity (1h) - the influence of the patient's race and conformation on the course of anesthesia and pharmacological sedation (1h) - possibilities and principles of genetic testing in dogs and cats (1h) - genetic predisposition to diseases of selected organ systems in dogs and cats (2h) - analysis of clinical cases (1 h) - interactive assessment of learning outcomes (3h)
Teaching forms, number of hours:	a) Lectures; hours 15
Teaching methods:	Multimedia presentations (included films presenting clinical cases) 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:	Animal physiology modules 1-2, Animal pathophysiology, Clinical and laboratory diagnostics modules 1-2, Dog and cat diseases. Theoretical and practical knowledge regarding the above mentioned modules.

Learning effects		Course outcomes:	Learning outcomes relative to the course outcomes	Impact on the course outcomes*
Knowledge:	1	Knows mechanisms underlining animal health, disease and their therapy	A.W.10	3
	2	Knows genetic mechanisms, genetic disorders and bases of the genetic engineering;	A.W.14	3
Skills:	1	analyse genetic crosses and individual trait pedigrees from different species;	A.U.9	3
	2	effectively communicate with clients and veterinary surgeons;	A.U.12	3

Competences:	1	The student is ready to critically evaluate their knowledge and use scientific sources to supplement it.	K.S.4	3
	2			

Objectives of the module required to obtain learning effects:	
Assessment methods:	… In case of unforeseen, unusual circumstances mandatory remote teaching and remote assessment methods might be adopted.
Detail description of assessment methods; Formal documentation of learning outcome:	… No extra assessment methods are anticipated. 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:	
Teaching base:	

Mandatory and supportive materials :
1. Gough A.: Differential diagnosis in Small Animal Medicine. Wiley Blackwell, 2013
2. Maddison J., H. Volk, B. Church: Clinical reasoning in small animal practice. Wiley Blackwell, 2015
3. Thompson M." Small Animal Medical Differential Diagnosis: A book of lists", 5th edition, 2007

Relevant scientific publications including those of the module coordinator.

ANNOTATIONS

* 3 – complete and detailed, 2 – moderate, 1 – basic.0

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:	**15 h**
Total ECTS points, accumulated by students during contact learning:	**1 ECTS**