Module title:	Equine emergency and field practise	ECTS	2
Polish translation:	Stany nagłe i klinika praktyczna - konie		
Course:	**Veterinary Medicine**		

Module language: English		Stage: JM-FVM	
Form of studies: ■ intramural ☐ extramural	Type of module: ☐ basic ☐ mandatory ☒ directional ☒ elective	Semester: 8	☐ winter semester ☒ summer semester
	Academic year:	**2022/2023**	Catalogue number: **FVM-V-JMSS-11W-ED03_20**

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 main goal of the course is to provide Students theoretical and practical skills based on clinical cases form field equine practise. 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 labs basic procedures performed in field equine practise will be implemented as well as how the communication skills with the client will be practiced. At the end of 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. LECTURE TOPICS [15 hours]: • Colic management • Diarrhea in the adult horse and foals • Fluid therapy and blood products • Heart murmurs • Dermatological cases • Basic USG examination • Lameness - cases LABS TOPICS [15 hours]: • Ophthalmology (nerves blocks, eye injections, superficial keratectomy, eyelids wounds management) • Haematology (blood smears, laboratory profiles) • Exercise testing • Case studies discussion The content of the lectures supplements the content of the laboratory classes.
Teaching forms, number of hours:	a) Lectures (on-line); hours 15; b) Clinical classes; hours 15;

Teaching methods:	• Original multimedia presentations prepared by academic teachers.
	• Methods aimed at teaching practical skills:
	  • individual and group working on the cadavers, interpretation of basic diagnostic tests (from the materials given by the teacher).
	  • students group working on the clinical cases given by the teacher (according to the materials prepared by the teacher), including discussion, concluding and the client management.
	  • presentations prepared by students – case studies
	
	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: Parasitology and invasiology, Veterinary pharmacology, Clinical and laboratory diagnostics, Pathophysiology, Patomorphology

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 equine filed practise	B.W.2;B.W.3; A.W.10; .W.11	2
	2	Student knows the diagnostic algorithms used in equine field practice	B.W.4; B.W.5;	3
	3	Student knows basic treatment protocols used in equine field practice.	B.W.4.	3
Skills:	1	Student is able to use basic diagnostic algorithms in equine filed practice	B.U.3	2

	2	Student is able to perform basic procedures used in equine filed practice	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 field equine practise.
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. 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; Formal documentation of learning outcome:	Evaluation of the clinical cases prepared by student (0-10 points). Additional points could be added to the final score (max. of 10 points) if student is active during the classes (correctly answer the questions and resolve the cases). 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:	The final grade is based on points from the clinical cases prepared and presented during labs by the student according to the scale: 0-4 points – failed, 5-6 points sufficient, 7 sufficient +, 8 good, 9 good +, 10 very good
Teaching base:	Lecture facilities and laboratories of the Institute of Veterinary Medicine and race track
Mandatory and supportive materials : 1. Equine Emergency and Critical Care Medicine, James A. Orsini, Thomas J. Divers, 2014 2. Equine Wound Management, Christine L. Theoret, Jim Schumacher, 2016 3. Equine Hematology, Cytology, and Clinical Chemistry Raquel M. Walton, Rick L. Cowell, Amy C. Valenciano, 2021 4. Equine Ophthalmology, Brian C. Gilger, 2022 5. Schalm's Veterinary Hematology, Douglas J. Weiss, K. Jane Wardrop, 2010 6. Equine Internal Medicine, Debra C. Sellon, Stephen M. Reed, Warwick M. Bayly, 2017 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:	**45 h**
Total ECTS points, accumulated by students during contact learning:	**2 ECTS**