Module title:	Clinical practice (1) (summer practice)	ECTS	5
Polish translation:	Praktyka kliniczna (1)		
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:	**2023/2024**	Catalogue number:	**FVM-V-JMSS-08S-D59_23**

Module coordinator:	**Dr Marek Kulka, dr Maciej Klockiewicz**
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**
Unit responsible for the module:	**Institute of Veterinary Medicine**
Faculty in charge:	**IVM / FVM**
Objectives of the module:	The aim of the clinical (summer) practice is to conduct clinical training in approved veterinary entities. Student does the summer practice in voluntary chosen veterinary clinic in the fields (- according to the one's preferences e.g : horse clinic, zoo clinic, mixed practice clinic, etc). During the practice, student is obliged to implement knowledge achieved, but all activities can be only done under the supervisor's inspection. Student is obliged to study, analyse and perform all activities concerning various aspects of veterinary practice in the fields. During the practice student should follow the GVP rules, veterinary law and must respect internal regimens of particular veterinary entity, where the practice is being organised. During the practice student should procced interview with animal's owner, pre-prepare animal for the physical examination, assist veterinarian during conducted treatment procedures. Student should also train sampling (swabs, blood, urine, skin scrapings, etc.). According to the procedures student should be involved in all activities concerning particular patients. Subsequently, student should make individual records of these cases. At the end of the practice - the daily report must be presented to the Supervisor.
Teaching forms, number of hours:	a) summer practice: 160h (4 weeks)
Teaching methods:	- Self-practical study under supervision of Veterinarian in the veterinary entity where the summer practice is taking place. Student acquires practical skills under supervision of the veterinary staff during normal activities of the clinic. Student has a chance to use knowledge achieved during the studies and confront with real condition at veterinary clinic. Student is obliged to make continuous recording (notes, computer file, etc.) of the activities. To respect the someone else rights - notes should be made anonymously and next should be presented to Supervisor for the final approval. This clinical report will be presented to examiner at the Faculty during final evaluation of the practice. - Consultations (1h/week) – in case of necessity – student can contact examiner to discuss issues relevant to the actually realised field practice. Detailed schedule of the classes and detailed organization of consultations will be defined by the coordinator of the course at the beginning of semester.
Formal prerequisites and initial requirements:	Veterinary pharmacology, Veterinary pharmacy, Clinical and laboratory diagnostics, General surgery and anaesthesiology, Diagnostics imaging, Pathomorphology

Learning outcomes:			
	Knowledge: - Student knows how to obtain basic information concerning current status of the patient - Student knows methodology of animal physical examination - Student knows how to prepare animal for the additional pre-treatment procedures (sampling of body fluids, examination e.g. X-ray, USG, CT, etc.)	Skills: Student is able to: - recognise clinical symptoms of various diseases - recognise pathological lesions characteristic for particular diseases - choose the adequate diagnostic method(s) to recognise the cause of disease	Competences: - Student is ready to use knowledge to set up the optimal treatment procedures of particular disease - Student is able to communicate with owner (and other vets) using proper language and terms to discuss particular case

Assessment methods:	To complete the subject student is obliged to present the clinical report of the summer practice. It should be pre-approved by the supervising veterinarian. During the final assessment student will be asked to present the most interesting cases: "achievement and failure one". Student should critically discuss details of these cases, giving also proposal of alternative courses of selected clinical cases. No extra assessment methods are anticipated. In case of unforeseen, unusual circumstances mandatory remote teaching and remote assessment methods might be adopted.
Formal documentation of learning outcomes:	The eHMS entry and computing version of the summer practice report collected by examiner. Student must receive record in the 'Student's Daybook of Summer Practice and Clinical training".

Elements impelling final grade:	To obtain the credit student has to present the detailed report of the summer practice (approved by Supervisor). The eHMS grade consist of 100% post-practice examination.
Teaching base:	Veterinary entities in the fields – veterinary clinics, out-patients hospitals, cabinets, etc., co-operating with FVM WULS-SGGW
Mandatory and supportive materials : n/a	
ANNOTATIONS Students are obliged to respect health and safety rules. Students use protective gears during all summer practice activities in the field.	

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:	**160 h**
Total ECTS points, accumulated by students during contact learning:	**5 ECTS**

Learning outcomes of the module relative to the learning outcomes of the subject:

Outcome category	Learning outcomes:	Learning outcomes relative to the course outcomes	Impact on the each of course outcomes*)
Knowledge -	Student knows how to obtain basic information concerning current status of the patient	B.W.5 A.W. 13, B.W.9, B.W.10, A.W.1, A.W.2, A.W.4	3 2 1
Knowledge -	Student knows the methodology of the animal physical examination	A.W.13, B.W.5. A.W.11, A.W.12, A.W.10, B.W.1, B.W.2, B.W.3, B.W.4, B.W.8, B.W.9	3 2 1 1
Knowledge -	Student knows how to prepare animal for the additional pre-treatment procedures (sampling of body fluids, examination e.g. X-ray, USG, CT, etc.)	B.W.4 B.W.5, B.W.6, B.W.9,	3 2 1
Skills -	Student is able to recognise clinical symptoms of various diseases	A.U.4. B.U.2, B.U.3 B.U.5, B.U.16	3 2 1
Skills -	Student is able to recognise pathological lesions characteristic for particular diseases	A.U.13 B.U.8, B.U.25	3 2
Skills -	Student is able to choose the adequate diagnostic method(s) to recognise the cause of disease	B.U.6, B.U.13 A.U.12, A.U.13, B.U.2, A.U.21, A.U.23, B.U.16, B.U.22	3 2 1
Competences -	Student is ready to use knowledge to set up the optimal treatment procedures of particular disease	KS.4 KS. 5., KS.7, KS.8, KS.9	3 2
Competences -	Student is able to communicate with owner (and other vets) using proper language and terms to discuss particular case	KS.1, KS.9, KS, 3., KS.7, KS.11, KS.2	3 2 1