

Module title:	Farm animal surgery	ECTS	2
Polish translation:	Chirurgia zwierząt gospodarskich		
Course:	Veterinary Medicine		

Module language: English		Stage: JM-FVM	
Form of studies: ☒ intramural ☐ extramural	Type of module: ☐ basic ☒ directional ☒ mandatory ☐ elective	Semester: 7 th	☒ winter semester ☐ summer semester
Academic year:		Intake 2022/2023	Catalogue number: FVM-V-JMSS-07W-D25/2_20

Module coordinator:	dr hab. Bernard Turek, prof. SGGW			
Teachers responsible for the module:	Academic teachers of the Institute Of Veterinary Medicine; Department of Large Animal Diseases and Clinic ; PhD students in accordance to the internal legal acts; visiting professors; other specialists in the field of study			
Objectives of the module:	Providing knowledge about the etiology, pathogenesis, recognition and use of farm animal diseases that require treatment, as well as teaching the skills to recognize and treat them			
Teaching forms, number of hours:	a) Lectures; hours 15; b) Laboratory classes; hours 6; c) Clinical laboratories; hours 9;			
Teaching methods:	The subject is conducted in the form of lectures and classes. Lectures in the form of multimedia presentations with practical and clinical aspects, including films. Practical classes are conducted with patients in the RDZ Obory SGGW and on limb preparations in the rooms of the Department of Large Animal Diseases. The method of organizing consultations will be determined by the course coordinator at the beginning of the semester.			
Formal prerequisites and initial requirements:	Animal Anatomy, Histology and Embryology, Animal Physiology, Immunology, , Pharmacology, Microbiology, Pathomorphology, General surgery and anesthesiology, Comparative anatomy, Pathophysiology			
Learning effects	Course outcomes:		Learning outcomes relative to the course outcomes	Impact on the course outcomes*
Knowledge:	1	Student knows the aetiology, pathogenesis, methods of diagnosis of surgical diseases of livestock	B.W.5 B.W.3	3 2
	2	Student knows the treatment of the livestock diseases that require surgical intervention	B.W.4	3
	1	Student is able to diagnose surgical diseases of livestock	B.U.13 B.U.2, B.U.3, B.U.14 B.U.11	3 2 1
			B.U.13 B.U.14 B.U.11, B.U.12	3 2 1
	2	Student is able to castrate livestock males		
Competences:	1	Student organizes work in field conditions	KS.10	3
	2	Student effectively communicates during work with other personnel	KS.9	2
Objectives of the module required to obtain learning effects:	Teaching about the aetiology, diagnostics and treatment of the livestock diseases, that require surgical intervention as well as teaching the skills of their diagnostics ant treatment.			

Assessment methods:	Evaluation of practical skills, written test, written exam
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:	Each test contains 50% of the practical material and 50% of the lectures. A final evaluation of learning outcomes of lectures and exercises will be done through a written final exam containing 50% of the practical material and 50% of the material of the lectures. Grading scale; below 60% of correct answers grade 2 (insufficient – the course is not passed), 61-68% grade 3 (sufficient knowledge), 68,1-76% grade 3+ (sufficient +), 76,1-84% grade 4 (good knowledge), 84,1-92% grade 4+ , 92,1-100% grade 5 (very good knowledge)
Teaching base:	Equine Clinic (Wolica), University cowsheds in Obory, other places in Poland
Mandatory and supportive materials : 1. Bovine Surgery and Lameness. A. David Weaver, Guy St Jean, Adrian Steiner, Blackwell Publishing, second edition. 2005. 2. Farm Animal Surgery. Susan Fubini, Norm Ducharme, Saunders, 2004. 3. Lameness in Cattle. Paul R. Greenough, David Weaver, 2007. ... 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:	75 h
Total ECTS points, accumulated by students during contact learning:	3 ECTS