

Syllabus

Module title:	Rotation – farm animal surgery	ECTS	1
Polish translation:	Staż – chirurgia zwierząt gospodarskich		
Course:	Veterinary Medicine		

Module language:	English	Stage:		JM-FVM
Form of studies:	<input checked="" type="checkbox"/> intramural <input type="checkbox"/> extramural	Type of module:	<input type="checkbox"/> basic <input checked="" type="checkbox"/> directional	<input checked="" type="checkbox"/> mandatory <input type="checkbox"/> elective
		Semester:	10	<input type="checkbox"/> winter semester <input checked="" type="checkbox"/> summer semester
		Academic year:	2020/2021	Catalogue number:
		FVM-V-JMSS-10S-D26/2_20		

Module coordinator:	lek. wet. Maciej Perzyna		
Teachers responsible for the module:	Academic teachers of the Institute of Veterinary Medicine, Department of Large Animals Diseases and Clinic; PhD students in accordance to the internal legal acts; visiting professors; other specialists in the field of study		
Unit responsible for the module:	IVM, Department of Large Animals Diseases and Clinic		
Faculty in charge:	Faculty of Veterinary Medicine		
Objectives of the module:	Students take part in field activities at the farm Obory. Students perform claw trimming, lameness examination of the cattle. They also perform diagnosis of the foot problems and take a part in the treatment. Students perform some surgical procedures of the bovine digit like digit amputation, resection of the distal part of the flexor tendons and tissues in bulb area. Students perform clinical examination of the cattle with displacement of abomasums. Students perform adequate anesthesia for foot surgery and dehorning (disbudding) procedures. Students perform disbudding of the calves.		
Teaching forms, number of hours:	a) Clinical classes; hours 10;		
Teaching methods:	Practical workshop in cowshed Obory 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 Anatomy, Histology and Embryology, Animal Physiology, Immunology, Pharmacology, General surgery and anesthesiology, microbiology, patomorphology, radiography		
Learning outcomes:	Knowledge: Student knows how to perform history of the disease, clinical examination and specific examination of orthopaedic system, GI system and urogenital system	Skills: Student knows how to describe radiographs and correctly interpret the findings, knows how to diagnose the most common livestock diseases that require surgical intervention and	Competences: Student works in filed conditions and effectively cooperates with co-workers and personnel
Assessment methods:	observations of student's activity and knowledge during internship, written project, oral examination and practical abilities assessment. 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:	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:	oral examination and practical abilities assessment 50%, observations of student's activity and knowledge 25%, written project 25 %.		
Teaching base:	Equine Clinic (Wolica), Cowshed in Obory, other places in Poland		
Mandatory and supportive materials :	Books: 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			

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:	30 h
Total ECTS points, accumulated by students during contact learning:	1 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 course outcomes*)
Knowledge -	Students know how to Perform medical history	B.U.2	3
Knowledge -	Students know how to Perform clinical examination and specific examination of orthopedics, GI system, urogenital system and breathing system	B.U.3	3
		B.U.4	2
Skills -	Students are able to describe radiographs and interpret the radiographic findings	B.U.7	2
Skills -	Students can diagnose most common livestock diseases that require surgical intervention	B.W.3	2
		B.W.4	1
		B.U.11	1
		B.U.13	3
		B.U.14	2
Skills -	Students treat the diseases of livestock digit and perform claw trimming	B.W.4	3
Skills -	Students castrate piglets and do the disbudding of calves	B.U.11	1
		B.U.12	1
		B.U.13	3
		B.U.14	2
Competences -	Students effectively communicate with the owner and workers	KS.9	3
Competences -	Students work in specific field conditions	KS.10	3