

Syllabus

Module title:	Hoof management in cattle	ECTS	1
Polish translation:	Korekcja racic u bydła		
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 type="checkbox"/> mandatory <input checked="" type="checkbox"/> elective
		Semester: 11	<input checked="" type="checkbox"/> winter semester <input type="checkbox"/> summer semester
		Academic year: 2020/2021	Catalogue number: FVM-V-JMSS-11W-ED13_20

Module coordinator:	Maciej Perzyna, DVM		
Teachers responsible for the module:	Academic teachers of the Institute of Veterinary Medicine; Department of Large Animal Diseases with Clinic; 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; Department of Large Animal Diseases with Clinic		
Faculty in charge:	Faculty of Veterinary Medicine		
Objectives of the module:	Cattle lameness is one of the most significant welfare and productivity issues in dairy farming. The general causes of lameness are multi-factorial, but are generally recognized as poor quality floors in cattle housing, poor cow tracks, cows being forced to stand for too long on hard surfaces, poorly-designed cubicles, ineffective foot trimming, infectious diseases and poor nutrition. Classes include: identify the specific reason(s) for a particular herd's mobility problems (5 hours); make an accurate measurement of the levels of lameness within a herd (5 hours); effectively manage mobility problems by preventative measures and devising the best forms of treatment that fit in well with routines on the farm (5 hours).		
Teaching forms, number of hours:	a) Clinical classes; hours 15;		
Teaching methods:	Students will work in a team during classes. During the classes, films, presentations, preparations, equipment, isolated organs (hooves) will be presented. Consultations for students 1h / week. 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:	Farm animal diseases		
Learning outcomes:	Knowledge: The students know hoof functional anatomy and locomotion score chart	Skills: student is able to assess physiological and performance losses due to lameness, the student is able to diagnose lameness in the herd, student is able to choose the therapeutic procedure correctly	Competences: Able to work in a team, makes a diagnosis independently, Good communication with the animal owner/keeper, Support for animal welfare
Assessment methods:	The basis for completing the course is the presence and active participation in the implementation of the curriculum, the correct implementation of all the procedures presented. Strategies for controlling lameness in the herd. 20% of absence is allowed in accordance with the study regulations. Theoretical test, written one or multiple choice test. The second test date is in the same form. Scoring for the written test: 61-69% - (3.0) 70-76% - (3.5) 77-84% - (4.0) 85-92% - (4.5) 93-100% - (5.0) 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:	To verify the learning outcomes: 1. attendance at exercises 50% 2. exam grade 50%		
Teaching base:	Infrastructure of the Department of Large Animal Diseases with Clinics (classrooms, ambulatory), RZD Obory		
Mandatory and supportive materials :	Textbooks: 1. The Cattle Health Handbook Paperback – Heather Smith Thomas, 2009 2. Large Dairy Herd Management 3rd edition (e-book). David K. Beede, 2017 Journals: Theriogenology, Animal Reproduction Science, Reproduction of Domestic Animals, Biology of Reproduction, Reproduction, Molecular Reproduction and Development, Reproductive Biology, Cloning, Archives of Andrology, International Journal of Andrology, Life Veterinary, Veterinary Medicine		

Relevant scientific publications, including those of the module coordinator.

ANNOTATIONS

During clinical and laboratory classes, protective clothing is required: apron and covered footwear.

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:	25 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 -	The student follows the rules of clinical evaluation and animal health monitoring;	B.W.5	3
Knowledge -	The student correctly assesses conditions and lameness score;	B.W.9	3
Skills -	the student is able to diagnose lameness in the herd	B.U.7	3
Skills -	student is able to choose the therapeutic procedure correctly	B.U.3	3
Competences -	The student is ready to work in a team; Good communication with the animal owner / keeper	KS.3; KS.10	3
Competences -	Independently makes clinical diagnosis	KS.4; KS.5	3