

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: 10 <input checked="" type="checkbox"/> winter semester <input type="checkbox"/> summer semester
Academic year:		Intake 2021/2022	Catalogue number: FVM-V-JMSS-11W- E76_20

Module coordinator:	Maciej Perzyna, DVM			
Teachers responsible for the module:	Academic teachers of the Institute 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			
Course Description:	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; make an accurate measurement of the levels of lameness within a herd; effectively manage mobility problems by preventative measures and devising the best forms of treatment that fit in well with routines on the farm.			
Teaching forms, number of hours:	a) Clinical laboratories; hours 15;			
Teaching methods:	Oral presentation with audio-visual techniques e.g. videos, 3D animated visualization or other multimedia presentation types with practical training. Training in the diagnosis, trimming and therapy of lameness in cattle on the farm.			
Formal prerequisites and initial requirements:	Farm animal diseases, General surgery and anaesthesiology, Veterinary pharmacology			
Learning effects	Course outcomes:	Learning outcomes relative to the course outcomes	Impact on the course outcomes*	
Knowledge:	1	Students examines clinically the patients with lameness and hoof problems	W_NK7, W_PZ4 U_PUZ1, U_PUZ3	3
	2	Student can select the protocols for on- farm treatment of lameness	W_NK6 W_NK8, U_PUZ8, U_PUZ10	3
	3	Student can implement and monitor the farm hoof treatment and preventive protocols	W_NK8 U_PUZ10, U_PUZ12, U_PUZ19	3
	4	Student achieves the ability to use principles of herd hoof management	W_NK5, W_NK5	3
Skills:	1	Students know select hoof trimming equipment (tools and accessories) and hoof care products	U_PUZ7	3
Competences:	1	Student shows the abilities to cooperate with farmer in solving lameness problems	U_OUZ1, U_OUZ2, K_KP1, K_KP3	3
Objectives of the module required to obtain learning effects:	Practicals: prevention and control of hoof problems in dairy cows (types of hoof problems, preventive management). Field exercises: during field workshops on the farm students will be training hoof trimming, hoof dressing and hoof-care treatments.			

Assessment methods:	Evaluation of practical work, students project, test during practical classes, written exam
Detail description of assessment methods; Formal documentation of learning outcome:	No extra assessment methods are anticipated. Rapport from students activities, Grade in the eHMS 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:	1. presence during classes: 20% 2. students activity: 80%
Teaching base:	Classrooms of the Department of Large Animal Diseases with Clinic, cattle farms
Mandatory and supportive materials : 1. The Cattle Health Handbook Paperback – Heather Smith Thomas, 2009 2. Large Dairy Herd Management 3rd edition (e-book). David K. Beede, 2017 3. Journals 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	
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:	30 h
Total ECTS points, accumulated by students during contact learning:	1 ECTS