

## Syllabus

Module title:	Hoof management in cattle	ECTS	1
Polish translation:	Korekcja racic u bydła		
Course:	Veterinary Medicine		

Module language: English		Stage: JM	
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"/> accessory <input type="checkbox"/> rotation <input type="checkbox"/> summer practice	<input type="checkbox"/> mandatory <input checked="" type="checkbox"/> elective	Semester: ...10 Year 5 <input type="checkbox"/> winter semester <input checked="" type="checkbox"/> summer semester
		Academic year: <b>2023/2024</b>	Catalogue number:

Module coordinator:	Maciej Perzyna DVM		
Teachers responsible for the module:	Maciej Perzyna DVM		
Unit responsible for the module:	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; 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 exercises: 15 h		
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:	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.		
Learning outcomes:	Knowledge: Students examines clinically the patients with lameness and hoof problems Student can select the protocols for on-farm treatment of lameness Student can implement and monitor the farm hoof treatment and preventive protocols Student achieves the ability to use principles of herd hoof management	Skills: Students know select hoof trimming equipment (tools and accessories) and hoof care products	Competences: Student shows the abilities to cooperate with farmer in solving lameness problems
Assessment methods:	Evaluation of practical work, students project, test during practical classes, written exam		
Formal documentation of learning outcomes:	Rapport from students activities, Grade in the eHMS		
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 :			
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
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*)
Skills -	Students know select hoof trimming equipment (tools and accessories) and hoof care products	U_PUZ7	3
Knowledge -	Students examines clinically the patients with lameness and hoof problems	W_NK7, W_PZ4, U_PUZ1, U_PUZ3,	3;3;3;3
Knowledge	Student can select the protocols for on- farm treatment of lameness	W_NK6, W_NK8, U_PUZ8, U_PUZ10,	3;3;3;3;
Knowledge	Student can implement and monitor the farm hoof treatment and preventive protocols	W_NK8, U_PUZ10, U_PUZ12, U_PUZ19	3;3;3;3;
Knowledge	Student achieves the ability to use principles of herd hoof management	WW_NP8, W_NK5	3;3
Skills/Competence	Student shows the abilities to cooperate with farmer in solving lameness problems	U_OUZ1, U_OUZ2, K_KP1, K_KP3	3;3;3;3

\*)

3 – Significant and detailed,

2 – Partial,

1 – Basic,