Module title:	Fur animal diseases	ECTS	1
Polish translation:	Choroby zwierząt futerkowych		
Course:	**Veterinary Medicine**		

Module language: English		Stage: JM-FVM	
Form of studies: ■ intramural ☐ extramural	Type of module: ☐ basic ☐ mandatory ☐■ directional ☐ elective	Semester: ……9…..	■ winter semester ☐ summer semester
Academic year:	**2021/2022**	Catalogue number:	**FVM-V-JMSS-09W-D24_20**

Module coordinator:	**Dr. hab. Maciej Klockiewicz**
Teachers responsible for the module:	**Academic teachers of the Institute; Department of Pre-Clinical Sciences, 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 Pre-Clinical Sciences**
Faculty in charge:	**Faculty of Veterinary Medicine**
Objectives of the module:	**Topics of lectures**: I. Deficiencies and Toxicities of Fat-soluble Vitamins in Carnivorous Fur Animal Nutrition. II. Deficiencies of Water-soluble Vitamins in Carnivorous Fur Animal Nutrition. III. Fur Animal Diseases caused by acid-base and electrolyte disturbances. IV. Yellow Fat Disease, Urolithiasis in minks and foxes. V. Canine distemper in mink and foxes. VI. Auyeszky's Disease and Fox Infectious Encephalitis. VII. Salmonellosis in Fur Animals. Leptospirosis in foxes. VIII. Parvovirus infection in foxes. Pulmono-Cardiac Syndrome in foxes. IX. Aleutian Mink Disease, Viral Mink Enteritis, botulism. X. Selected diseases of rabbits. Selected diseases of chinchillas **Topics of classes:** Fur animal species, their origin and variations. The organization of fur animal farm, legal issues, Veterinary Inspectorate control on the fur farm – SPIWET Selected topics in fur animal breeding Reproduction and raising cubs. Carnivorous fur animal nutrition and sanitary food control Endoparasites of Fur Animals. Ectoparasites and Dermatomycosis of Fur Animals. Veterinary procedures on fur animal farm and organization of anti-epizootic measures. Preventive treatment strategies on Fur Animal Farm. Practical training on the fur animal farm (6 h). Visiting farm facilities. Section of animals (mink or foxes), sampling for laboratory diagnostics, conducting laboratory tests, etc.
Teaching forms, number of hours:	a) Lectures; hours 10h; b) Laboratory classes; ….h; c) Seminars; hours 9; d) Clinical laboratories; hours …; e) Field exercises; hours 6h;
Teaching methods:	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:	Passed courses of: immunology, microbiology, parasitology and invasiology and pathology.

Learning outcomes:			
	Knowledge: Student knows characteristics, basics of husbandry, rearing conditions and welfare of fur farm animal species. Student knows the aetiology and consequences of selected fur animal diseases. Student knows compounds (medicines) and rules concerning their use in fur farm animals.	Skills: Student is able to recognise clinical symptoms in fur farm animals. Student is able to recognise pathological lesions. Student is able to choose the adequate diagnostic method(s) to detect causative agents of diseases in fur farm animals.	Competences: Student is ready to use knowledge to set up the optimal proceedings and control measures of fur animal diseases. Student is able to communicate with farm owner using proper language and terms to discuss health issues.

Assessment methods:	… 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:	The 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 obtain the final credit student has to pass colloquium, fulfilling condition of attendance according to the WULS-SGGW Regimen – it pertains to seminar classes. An essential condition of passing the subject – presence on field practice conducted on the fur animal farm. The final eHMS grade consist of 100% colloquium.
Teaching base:	Lecture facilities and laboratories of the Faculty of Veterinary Medicine, selected fur animal farm.

Mandatory and supportive materials :

1. Fur Animals – N. Norodd Nes and co. SCIENTIFUR 1988
2. Diseases of Domestic Rabbits – Live Okerman 1994 by Bleckwell Science Ltd.
3. Scientifur (ang) – magazine published in Denmark
4. Internet resources concerning fur animal husbandry and veterinary aspects.
5. Relevant scientific publications including those of the module coordinator.

ANNOTATIONS

Students are obliged to respect health and safety rules. Students use protective gears during field practice on the farm.

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**

Outcome category	Learning outcomes:	Learning outcomes relative to the course outcomes	Impact on the each of course outcomes*)
Knowledge -	Student knows characteristics, basics of husbandry, rearing conditions and welfare of fur farm animal species	B.W.9, B.W.11 A.W.20, B.W.12, B.W.13 A.W.1, A.W.2, A.W.4, B.W.15	3 2 1
Knowledge -	Student knows the aetiology and consequences of selected fur animal diseases	A.W.13 A.W.11, A.W.12, B.W.10 A.W.10, B.W.1, B.W.2, B.W.3, B.W.4, B.W.8, B.W.9	3 2 1 1
Knowledge -	Student knows compounds (medicines) and rules concerning their use in fur farm animals	A.W.17., A.W.18, A.W.16, B.U.13 A.W.21	3 2 1
Skills -	Student is able to recognise clinical symptoms in fur farm animals	A.U.4. B.U.2, B.U.3, B.U.16 B.U.5	3 2 1
Skills -	Student is able to recognise pathological lesions (revealed by autopsy) in examined fur farm animals	B.U.16 A.U.13 B.U.25	3 2 1
Skills -	Student is able to choose the adequate diagnostic method(s) to detect causative agents of diseases in fur farm animals	B.U.6 A.U.12, A.U.13, B.U.2, A.U.21, A.U.23, B.U.16	3 2 1
Competences -	Student is ready to use knowledge to set up the optimal proceedings and control measures of fur animal diseases	KS.4 KS.7, KS.8, KS.9 KS.5	3 2 1
Competences -	Student is able to communicate with farm owner using proper language and terms to discuss health issues	KS.1, KS.9, KS.7, KS.11 KS.2	3 2 1