UNIVERSITY OF WARMIA AND MAZURY IN OLSZTYN
Faculty of Veterinary Medicine

Fur animal diseases

ECTS: 2.00

SUBJECT MATTER CONTENT

LECTURE
History of breeding carnivorous fur animals. Colour variants of foxes and mink. Veterinary supervision of fur animal farms. Legal basis for functioning, control of storage and feeding procedures with animal by-products, assessment of the hygiene of the environment and equipment as well as veterinary conditions for warehouses and means of transport. Diagnosing and treatement nervous, digestive and reproductive systems diseases of foxes and mink. Diagnostic tests - CIEP and iodine test. Mink and / or fox section. Veterinary control of a fox /mink farm. Immobilization, analgesia and anesthesia of rabbits, blood sampling. Intravenous, subcutaneous, intramuscular and intraperitoneal injections. Chemotherapy and symptomatic treatment of rabbits. Diagnosis and treatment of diseases of the digestive, respiratory, reproductive systems, skin and parasitic diseases of rabbits. Specific and non-specific prophylaxis in rabbits. Basics of chinchillas farming. Diseases and non-specific prophylaxis in chinchilla breeding.,CLASSES AUDYTORYJNE:Carnivorous fur animals - an important section of animal farming in Polish and global agriculture. Welfare of foxes and mink in farm breeding - physiology of the skin, digestive and reproductive systems. Clinical symptoms, pathomorphological changes, diagnosis and treatment of: distemper, salmonellosis and botulism of foxes and mink. Skin and parasitic diseases, metabolic diseases, autoimmune diseases. Vaccination programs for foxes and mink. Reasons for incomplete protective immunity after vaccination. Use and development of rabbit breeds. Birth defects. Veterinary supervision of rabbit breeding establishments. Rabbits' maintenance and feeding conditions. Diseases of fur animals under compulsory eradication or registration. Ferret rabies, rabbit myxomatosis, viral haemorrhagic disease and tularemia. Infectious and non-infectious diseases of ferrets and zoonoses - diagnosis and control.,CLASSES PRAKTYCZNE:Field trip.

TEACHING OBJECTIVE

The aim of education is to acquire knowledge in the field of biology, physiology, breeding and husbandry of various species of fur animals and the causes, mechanisms of the emergence and development of infectious, non-infectious and invasive diseases, as well as practical skills in the recognition, differentiation, treatment, prevention and control of fur animal diseases and supervision of farms.

DESCRIPTION OF THE LEARNING OUTCOMES OF THE COURSE IN RELATION TO THE DESCRIPTION OF THE CHARACTERISTICS OF THE SECOND LEVEL LEARNING OUTCOMES FOR QUALIFICATIONS AT LEVELS 6-8 OF THE POLISH QUALIFICATION FRAMEWORK IN RELATION TO THE SCIENTIFIC DISCIPLINES AND THE EFFECTS FOR FIELDS OF STUDY:

Symbols for outcomes related to the discipline: R/WA_P7S+++

Legal acts specifying learning outcomes:
682/2020
Disciplines: Veterinary science
Status of the course: Obligatoryjny
Group of courses:B - przedmioty kierunkowe
Code: ISCED 0841
Field of study: Veterinary Medicine
Scope of education:
Profile of education: General academic
Form of studies: full-time
Level of studies: uniform master's studies
Year/semester: 5/9

Types of classes: Lecture, Classes, Practical classes
Number of hours in semester: Lecture: 15.00, Classes: 14.00, Practical classes: 1.00
Language of instruction: Polish
Introductory subject: Microbiology, Pharmacology, Immunology, Pathophysiology, Pathomorphology, Veterinary Epidemiology
Prerequisites: Knowledge of the basic concepts and issues of the above-mentioned introductory subjects

Name of the organisational unit conducting the course: Katedra Epizootiologii
Person responsible for the realization of the course:prof. dr hab. wet. Aleksandra Platt-Samoraj
e-mail: platt@uwm.edu.pl

Additional remarks: Trip may be cancelled depennding on the current epidemic situation.

Symbols for outcomes related to the field of study: K.1.+, B.U6. +, B.U8. +, B.U2. +, K.7.+, B.W3. +, B.U3. +, K.11.+, B.U13. +, B.W6. +, B.W4. +, B.W5. +, B.W8. +, B.U21. +

LEARNING OUTCOMES:

Knowledge:

W1 – Knowledge: Student describes and interprets the causes, clinical signs and pathological lesions, applies the rules of treatment and prevention of particular diseases; implements the rules of diagnostic (including differential diagnosis) and therapeutic procedures; carries out a clinical examination of the patient and monitors the state of animal health in industrial breeding; applies proper procedures in case of ascertainment of notifiable diseases under control or registration; collects, analyzes and correctly interprets the clinical data and the results of laboratory and additional examinations.

Skills:

U1 – Skills: Student speaks English and Latin medical nomenclature; carries out a veterinary interview in order to obtain precise information about a single animal or group of animals; performs a full clinical examination of the animal; takes, protects and knows the rules for transport of samples and performance of standard laboratory tests; implements appropriate procedures in case of ascertainment of notifiable disease under control or registration; selects and applies an appropriate treatment; develops and implements prevention programs specific to each animal species.

Social competence:

K1 – Student demonstrates responsibility for decisions taken towards humans and animals; is able to critically assess their own and other people's actions and improve the proposed solutions; possess a habit of lifelong learning to enhance knowledge and improve skills; puts the welfare of the patient in the first place.

TEACHING FORMS AND METHODS:

Lecture(W1;U1;K1;):multimedia presentation, academic discussion
Practical classes(U1;):Field trip

FORM AND CONDITIONS OF VERIFYING LEARNING OUTCOMES:

Lecture (Oral test) - In order to pass this course, it is necessary to obtain not less than 65% of the possible points. The grading is based on the score thresholds described in the faculty procedure "Principles of grading students". The student may attempt to improve the credit score twice. In the event of lock-down and the necessity of online learning, the methods of verifying the achievement of learning outcomes declared in the syllabus, i.e. the forms of passing the exam and exercises, may change in a manner appropriate to the situation. -
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BASIC LITERATURE:

1. Siemionek J., *Choroby mięsożernych zwierząt futerkowych oraz podstawy chowu*, Wyd. Zakład Poligraficzny UWM, R. 2001
2. Gliński Z., Kostro K., *Podstawy hodowli lisów i norek. Profilaktyka i zwalczanie chorób futerkowych*, Wyd. PRWiL, R. 2002
3. Gugołek A., *Zalecenia żywieniowe i wartość pokarmowa pasz. Zwierzęta futerkowe*, Wyd. PAN, R. 2011
4. Gliński Z., Kostro K., *Ochrona zdrowia i terapia chorób zakaźnych zwierząt gospodarskich. III - Choroby zakaźne zwierząt futerkowych*, Wyd. WUP w Lublinie, R. 2014
5. Gliński Z., Kostro K., *Choroby królików. Podstawy chowu*, Wyd. PRWiL, R. 2005

SUPPLEMENTARY LITERATURE:

1. Barabasz B., *Jenoty chów i hodowla*, Wyd. PRWiL, R. 2007

2. Gabrisch K., Zwart P., *Praktyka kliniczna: zwierzęta egzotyczne.*, Wyd. Galaktyka, R. 2009
3. Grudzień W., *Choroby Szynszyli*, Wyd. Dom Wydawniczy Verbum, R. 2012
4. Varga M., *Textbook of Rabbit Medicine*, Wyd. Saint Louis: Elsevier Health Sciences, R. 2013
5. Quesenberry K., Mans Ch., Orcutt C., Carpenter J., *Ferrets, Rabbits, and Rodents: Clinical Medicine and Surgery. 4ed*, Wyd. Elsevier, R. 2021
6. Hedley J., *BSAVA Small Animal Formulary. Part B: Exotic Pets. 10 ed.*, Wyd. BSAVA, R. 2020