



Diseases of poultry I

ECTS: 5.00

SUBJECT MATTER CONTENT

LECTURE

Origin and characteristics of poultry. The influence of welfare on productivity and health status of poultry. Animal welfare and the role of biosecurity in poultry breeding and farming. Basic laboratory examinations used in birds. Structure and function of the immune system of birds. Immunosuppression. Skin diseases, diseases of the muscles and the cardiovascular system. Diseases controlled by the government. National program of salmonellosis eradication.

TEACHING OBJECTIVE

Learning to independently analyze and combine the facts as well as the independent selection of appropriate methods and diagnostic tools useful for comprehensive veterinary care over poultry flocks in large-scale farming

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+++

Symbols for outcomes related to the field of study:

K.1.+ , B.U8. + , A.W10. + , B.W10. + , A.U14. + , A.W12. + , A.W16. + , A.W5. + , A.W15. + , A.U6. + , A.W4. + , A.U11. + , B.U16. + , B.W2. + , B.W3. + , B.W1. + , K.2.+ , A.W1. + , B.U21. + , A.W3. + , A.W17. + , B.U1. + , B.U6. + , A.W20. + , B.U3. + , K.5+ , A.U10. + , A.W2. + , B.U2. + , B.U10. + , B.U13. + , A.W11. + , B.W4. +

LEARNING OUTCOMES:

Knowledge:

W1 – Describes, explains and interprets the principles and mechanisms underlying bird health, disease formation and therapy - from the cell level, through organ, animal, poultry flock to the entire population

W2 – Learns the structure, functions and mechanisms of regulation of organs and systems of the bird's organism (respiratory, digestive, excretory, reproductive, immune and skin integuments) and their integration on the body level.

W3 – Principles of diagnostic management of invasive and infectious diseases of poultry, including differential diagnosis and therapeutic management.

Skills:

U1 – The student prepares clear case reports and keeps documentation in accordance with the applicable regulations, in a form that is understandable to the owner of the animal and legible to other doctors.

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, Auditorium classes, Practical classes
Number of hours in semester: Lecture: 30.00, Auditorium classes: 43.00, Practical classes: 3.00
Language of instruction: Polish
Introductory subject: breeding, physiology, biochemistry, nutrition, microbiology, immunology, technology in animal production
Prerequisites: knowledge of bird breeding, technology in animal production and physiological processes in birds, microbiology, immunology, basic diagnostic techniques

Name of the organisational unit conducting the course: Katedra Chorób Ptaków
Person responsible for the realization of the course: prof. dr hab. wet. Tomasz Stenzel
e-mail: tomasz.stenzel@uwm.edu.pl

Additional remarks:

U2 – Performs an autopsy with the correct description, collects and secures the appropriate samples for transport to the laboratory

U3 – Selects and applies appropriate treatment of parasitic diseases of poultry.

Social competence:

K1 – Demonstrates responsibility for decisions made with regard to treated poultry flocks.

TEACHING FORMS AND METHODS:

Lecture(W1;U3;K1):Lecture with multimedia presentation.

Auditorium classes(W1;W2;W3;U1;U3;K1):

Practical classes(W2;W3;U1;U2;K1):

FORM AND CONDITIONS OF VERIFYING LEARNING OUTCOMES:

Auditorium classes (Colloquium test) - -

Practical classes (Competention test) - -

BASIC LITERATURE:

1. Mazurkiewicz M., Wieliczko A.(red.), *Choroby Drobiu.*, Wyd. Wrocław, R. 2019
2. Y.M. Saif (red), *Diseases of poultry 12th Edition*, Wyd. Blackwell, R. 2008
3. Gliński Z., Kostro K. (red.), *Choroby zakaźne zwierząt z elementami epidemiologii i zoonoz.*, Wyd. Warszawa, R. 2011
4. Rotkiewicz T., *Patomorfologiczne metody badania zwierząt.*, Wyd. Olsztyn, R. 1995

SUPPLEMENTARY LITERATURE:

1. Praca zbiorowa, *Avian Diseases*, Wyd. x, R. 1
2. Praca zbiorowa, *Polskie Drobiarstwo*, Wyd. x, R. 2
3. Praca zbiorowa, *Magazyn Weterynaryjny*, Wyd. x, R. 3
4. Praca zbiorowa, *Życie Weterynaryjne*, Wyd. x, R. 4

