



Diseases of poultry II

ECTS: 4.00

SUBJECT MATTER CONTENT

LECTURE

Flagellates: prevention of flagellates and other protozoa invasion in birds. Diseases of the respiratory and digestive system. The role of reoviruses, enteroviruses, poxviruses and Bordetella species, Campylobacter species, Pseudomonas aeruginosa, Erysipelotris rhusiopathiae in poultry pathology. Birds as a potential source of human disease.

TEACHING OBJECTIVE

Ability to independently analyzing and joining together the facts and selection of appropriate methods and diagnostic tools useful to carry out a comprehensive veterinary care on the poultry 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+++

Symbols for outcomes related to the field of study:

K.1.+ , B.U8. + , A.W10. + , A.U11. ++ , A.U14. + , A.U17. ++ , A.W12. + , A.W16. + , A.W13. + , A.W15. + , A.U6. + , A.W4. + , B.U16. + , K.6.+ , B.W3. + , B.W1. + , K.2.+ , A.W1. + , B.W5. + , A.W3. + , A.W17. + , B.U1. + , B.U6. + , A.U13. + , A.W20. + , B.U3. + , A.W18. + , B.W6. + , A.U10. + , K.5+ , A.W2. + , B.U2. + , B.U13. +++ , B.U10. + , A.W11. + , A.U12. + , B.W4. + , B.W8. +

LEARNING OUTCOMES:

Knowledge:

W1 – Describes , explains and interprets the rules and mechanisms that underlie animal health, the emergence of diseases and their treatment.

W2 – Describes the rules of antibiotic therapy.

W3 – Ability to selection of appropriate methods and diagnostic tools: the differential diagnostics and laboratory methods.

Skills:

U1 – Prepares clear case descriptions and maintains records, in accordance with applicable regulations, in a form that is understandable to the pet owner and readable by other practitioners.

U2 – Selects and administers rational antibiotic therapy based on clinical status, potential etiologic agent, and laboratory tests.

U3 – Selects the correct treatment.

U4 – Knows how to prescribe and administer poultry therapeutic medications and how to utilize them.

Legal acts specifying learning outcomes:

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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: 5/10

Types of classes: Lecture, Auditorium classes, Practical classes

Number of hours in

semester:Lecture: 30.00, Auditorium

classes: 28.00, Practical classes: 2.00

Language of instruction:Polish

Introductory subject: breeding, physiology, biochemistry, nutrition, microbiology, immunology, technology in animal production.

Prerequisites: knowledge of poultry farming, technologies in animal production, physiological processes in animals, 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:

Social competence:

K1 – Demonstrates responsibility for decisions made toward humans and animals.

K2 – Formulates conclusions from own observations, e.g., analysis of the clinical course of the disease, analysis of the result of serological or other laboratory tests.

TEACHING FORMS AND METHODS:

Lecture(W1;W2;W3;U1;U2;U3;U4;K1;K2;):Lecture with multimedia presentation

Auditorium classes(W1;W2;W3;U1;U2;U3;U4;K1;K2;):Auditorium classes

Practical classes(W1;W2;W3;U1;U2;U3;U4;K2;):Practical classes in small groups.

FORM AND CONDITIONS OF VERIFYING LEARNING OUTCOMES:

Lecture (Oral exam) - In order to pass the final examination, a positive mark must be obtained from each of the examination questions. The final grade for the exam is based on the arithmetic mean of the grades obtained from the individual questions. The grade is rounded based on the following ranges: mean ≥ 4.76 : very good (5.0); mean between 4.26 -4.75: good plus (4.5); mean between: 3.76 -4.25: good (4.0); mean between 3.26 -3.75: sufficient plus (3.5); mean ≤ 3.25 : sufficient grade (3.0). A student may take an examination improvement twice. In the case of the top-down suspension of the realization of the classes in the stationary mode and the necessity of the remote teaching, the declared in the syllabus methods of verifying the achievement of learning outcomes, and thus the forms of passing the examinations and exercises, may be changed in a manner appropriate to the situation. -

Lecture (Written exam) - In order to pass the final examination, a positive mark must be obtained from each of the examination questions. The final grade for the exam is based on the arithmetic mean of the grades obtained from the individual questions. The grade is rounded based on the following ranges: mean ≥ 4.76 : very good (5.0); mean between 4.26 -4.75: good plus (4.5); mean between: 3.76 -4.25: good (4.0); mean between 3.26 -3.75: sufficient plus (3.5); mean ≤ 3.25 : sufficient grade (3.0). A student may take an examination improvement twice. In the case of the top-down suspension of the realization of the classes in the stationary mode and the necessity of the remote teaching, the declared in the syllabus methods of verifying the achievement of learning outcomes, and thus the forms of passing the examinations and exercises, may be changed in a manner appropriate to the situation. -

Auditorium classes (Colloquium test) - There are 2 written test per semester. In order to pass the test, students must obtain at least 65% of the possible points. Grading grades are based on the point thresholds described in the departmental procedure "Student Assessment Policy". The student may retake the test twice. The student is required to obtain a final mark for the classes if he/she obtains positive grades for all the tests taken during the classes. If all of the tests are passed, the final mark of the classes is calculated as the arithmetic mean of all the marks obtained from the tests. Failure to pass any of the tests is equivalent to a failing grade for the classes In the case of top-down suspension of the realization of classes in the stationary mode and the need for distance learning, the declared in the syllabus methods of verification of the learning outcomes, and thus the forms of passing the exam and exercises, may be changed in a manner appropriate to the situation. -

Practical classes (Competention test) - The student must independently perform the dissection of poultry carcasses from field cases and interpret the anatomopathological changes found, make a diagnosis and propose treatment. The student performs the above mentioned activities are subject to evaluation, which is taken into account when calculating the average grade of the classes. -

BASIC LITERATURE:

1. Mazurkiewicz M., Wieliczko A. (red.), *Choroby Drobiu*, Wyd. Wrocław, R. 2019
2. Swayne D.E. (red.), *Diseases of Poultry 14th ed.*, Wyd. Wiley Blackwell, R. 2020
3. Gliński Z., Kostro K. (red.), *Choroby zakaźne zwierząt z elementami epidemiologii i zoonoz*, Wyd. Warszawa, R. 2008
4. Rotkiewicz T. i wsp., *Patomorfologiczne metody badania zwierząt*, Wyd. Olsztyn, R. 1999

SUPPLEMENTARY LITERATURE:

1. Pattison M. (red.), *Poultry Diseases*, Wyd. Elsevier, R. 2007
2. praca zbiorowa, *Magazyn Weterynaryjny*, Wyd. Medical Tribune Polska, R. 2020
3. praca zbiorowa, *Polskie Drobiarstwo*, Wyd. P.W. Begepo, R. 2020
4. praca zbiorowa, *Medycyna Weterynaryjna*, Wyd. Lublin, R. 2020

