



## Ornamental bird diseases

ECTS: 1.00

### SUBJECT MATTER CONTENT

#### LECTURE

Raising of ornamental birds: species, types of usage, race. Types of breeding, types of facilities, equipment, principles of nutrition and care. Disorders in the care of exotic birds. Ethical and legal aspects of free-living bird rescue. Pigeons and ornamental birds as a source of health hazards for humans. Poisoning and reproduction disorders: the description of food poisoning, the characteristics of the plants that may be in the vicinity of cages and aviaries with birds and those absolutely forbidden, treatment of egg constipation, cloacal prolapse, after laying egg paralysis, egg-like conglomerates in the oviduct.

#### PRACTICAL CLASSES

Bird as a patient: cooperation with the breeder, interview, clinical examination, immobilization of birds for examination, additional tests. Parasitic invasions of ornamental birds: taking samples for examination and techniques in parasitology examinations. Viral diseases: paramyxovirosis, herpes virus infection, adenoviral infections, circoviral infections, Pacheco's disease. Bacterial and fungal infections - etiology, incidence, clinical symptoms and pathological lesions, diagnosis, eradication and prevention: salmonellosis, colibacillosis, streptococcosis, staphylococcosis, mycoplasmosis, chlamydiosis, aspergillosis, candidiosis, fungal infections of the skin and mixed infections. Rules of ornamental birds therapy: methods of drugs administration, doses, principles of treatment in individual birds and whole stocks, the principles of drugs selection, principles for the development of specific prevention programs.

#### TEACHING OBJECTIVE

The ability to independently analyze and combine the facts and independently select the appropriate methods and diagnostic tools useful in carrying out comprehensive veterinary care of herds large-scale poultry.

#### 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:

A.W17. +, K.1.+ , B.U6. +, B.U5. +, B.W11. +, B.U2. +, B.U3. +, A.W18. +, B.W6. +, K.5+, B.W4. +, B.W5. +

#### LEARNING OUTCOMES:

Knowledge:

**Legal acts specifying learning outcomes:**  
**682/2020**  
**Disciplines:** Veterinary science  
**Status of the course:** Fakultatywny  
**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:** 6/11

**Types of classes:** Lecture, Practical classes  
**Number of hours in semester:** Lecture: 5.00, Practical classes: 10.00  
**Language of instruction:** Polish  
**Introductory subject:** physiology, biochemistry, nutrition, microbiology, immunology, technology in animal production  
**Prerequisites:** knowledge of bird breeding, technology in animal production and physiological processes occurring 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:** classes are carried in small groups

- W1 – The student knows the basics of breeding and diagnostics of ornamental birds.  
W2 – The student knows the principles of diagnostic and therapeutic procedures in diseases of ornamental birds.  
W3 – The student knows the principles of developing immunoprophylaxis and prophylaxis of non-specific diseases of ornamental birds.

**Skills:**

- U1 – The student is able to conduct a veterinary interview with the bird owner.  
U2 – The student is able to perform the clinical examination of birds.  
U3 – The student knows how to collect and send samples for laboratory investigation.

**Social competence:**

- K1 – Ability to cooperate with owners of domestic birds, the ability to develop proprietary preventive programs.

**TEACHING FORMS AND METHODS:**

- Lecture(W1;W2;W3;K1;):Practical lecture with multimedia presentation  
Practical classes(W1;W2;U1;U2;U3;K1;):Practical exercises - sampling and performing additional tests, vaccination techniques, clinical examination.

**FORM AND CONDITIONS OF VERIFYING LEARNING OUTCOMES:**

Lecture (Colloquium test) - To pass the subject, students must obtain a positive grade for each of the received exam questions. The final grade for the exam is issued on the basis of the arithmetic mean value of the grades obtained for each question. The student may attempt to improve the credit score twice. The minimal score to obtain the positive result is 65%. In the event of a top-down suspension of classroom classes and the need for distance learning, the methods of verifying the achievement of learning outcomes declared in the SYLABUS, i.e. the forms of passing the exam and exercises, may change in a manner appropriate to the situation. -

Practical classes (Competention test) - To pass the subject, students must obtain a positive grade for each of the received exam questions. The final grade for the exam is issued on the basis of the arithmetic mean value of the grades obtained for each question. The student may attempt to improve the credit score twice. The minimal score to obtain the positive result is 65%. In the event of a top-down suspension of classroom classes and the need for distance learning, the methods of verifying the achievement of learning outcomes declared in the SYLABUS, i.e. the forms of passing the exam and exercises, may change in a manner appropriate to the situation. -

**BASIC LITERATURE:**

1. Jaime Samour, *Avian Medicine*, Wyd. Elsevier, R. 2008
2. Robert Doneley, Bob Doneley, *Avian Medicine and Surgery in Practice: Companion and Aviary Birds*, Wyd. Oxford University Press, R. 2010
3. Chitty, *Manual of Raptors Pigeons and Passerine Birds*, Wyd. British Small Animal Veterinary Association, R. 2008

**SUPPLEMENTARY LITERATURE:**

