



## Internal diseases of dogs and cats II

ECTS: 4.00

### SUBJECT MATTER CONTENT

#### LECTURE

Detailed diagnosis, etiology, symptomatology, prevention, differential diagnosis and treatment of disease: non-infectious skin and its derivatives, respiratory system, circulatory system, digestive system, excretory system, nervous system, endocrine and lymphatic and hematopoietic system.

#### PRACTICAL CLASSES

diagnosis and treatment of kidney diseases and lower urinary tract diseases; Veterinary endocrinology: diseases of adrenal glands, thyroid gland, parathyroid glands, diabetes - diagnostic methods, therapy. Neurology: protocol of neurological examination, diseases of the nervous system. Laboratory diagnosis of organ and systemic disorders. Emergency procedures.

#### AUDITORIUM CLASSES

diagnosis and treatment of kidney diseases and lower urinary tract diseases; Veterinary endocrinology: diseases of adrenal glands, thyroid gland, parathyroid glands, diabetes - diagnostic methods, therapy. Neurology: protocol of neurological examination, diseases of the nervous system. Laboratory diagnosis of organ and systemic disorders. Emergency procedures.

#### TEACHING OBJECTIVE

The aim of education is to familiarize with the etiology, pathogenesis, diagnosis, treatment and prevention of diseases of the urinary, endocrine and nervous systems.

#### 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.+ , A.U14. + , A.W16. + , A.U16. + , K.8.+ , B.W4. + , A.W5. + , A.U11. + , K.10.+ , A.W9. + , B.U4. + , K.2.+ , B.W5. + , A.W22. + , A.W17. + , B.U1. + , B.U6. + , B.W3. ++ , A.U13. + , A.W12. ++ , A.W10. ++ , B.U3. + , K.4.+ , B.U9. + , B.W6. + , A.W19. + , B.U7. + , A.W2. + , B.U2. + , K.7.+ , A.U6. ++ , B.U11. + , K.9.+ , B.U13. + , A.U12. + , B.U10. + , B.U15. + , C.U3. + , A.W21. +

#### LEARNING OUTCOMES:

**Knowledge:**

**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:** 6/11

**Types of classes:** Lecture, Practical classes, Auditorium classes

**Number of hours in**

**semester:** Lecture: 15.00, Practical classes: 10.00, Auditorium classes: 20.00

**Language of instruction:** Polish

**Introductory subject:** animal anatomy, physiology, pathophysiology, pharmacology, clinical diagnostics

**Prerequisites:** ability to suppress the animal, knowledge of anatomy and physiology of the various organs and systems, the ability of a clinical trial of different animal species, knowledge of the mechanisms of action of drugs

**Name of the organisational unit**

**conducting the course:** Katedra

Chorób Wewnętrznych z Kliniką

**Person responsible for the**

**realization of the course:** prof. dr hab.

wet. Andrzej Pomianowski

**e-mail:** apomian@uwm.edu.pl

**Additional remarks:** In the event of suspension of full-time classes at the university, classes will be held on-line.

W1 – The student knows the mechanisms of organ and systemic pathologies as well as the causes and symptoms of pathological changes, the principles of treatment and prevention in diseases of the urinary, endocrine and nervous systems.

W2 – The student understands the principles of diagnostic and therapeutic management of diseases of the urinary, endocrine and nervous systems. He knows the rules of conducting a clinical examination and monitoring the health condition of dogs and cats, and understands the method of handling clinical data and the results of laboratory and additional tests.

W3 – The student knows the rules of prescribing, using pharmacotherapy and acting in accordance with the principles of professional ethics.

#### **Skills:**

U1 – The student is able to conduct a medical and veterinary interview and conduct a complete clinical examination of a dog or cat. He clearly communicates with clients and colleagues.

U2 – The student is able to collect samples for diagnostic tests (e.g. urine, blood, cerebrospinal fluid) and correctly analyze and interpret the results of laboratory tests. He uses diagnostic equipment correctly and purposefully, including radiological, ultrasound and endoscopic equipment, and interprets the test results obtained after its application.

U3 – The student is able to prescribe prescriptions and use veterinary medicinal products according to diseases of dogs and cats. Can independently obtain information about available veterinary medicinal products. Adapts the therapy appropriately to the disease and clinical condition of the dog or cat. He knows the rules of emergency procedures.

#### **Social competence:**

K1 – The student is ready to show responsibility for the decisions made and to comply with ethical principles.

K2 – The student is able to work under stress and analyze his own knowledge and skills.

K3 – The student is ready to deepen his knowledge.

#### **TEACHING FORMS AND METHODS:**

Lecture(W1;W2;W3;K1;K3;):

Practical classes(W1;W2;W3;U1;U2;U3;K1;K2;K3;):

Auditorium classes(W1;W2;W3;U2;U3;K1;K2;K3;):information exercises assisted by audiovisual media

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

Lecture (Oral test) - The topics of the lectures are included in the tests conducted in the subject. -

Lecture (Colloquium test) - The topics of the lectures are included in the tests conducted in the subject. -

Lecture (Exam) - To pass the final exam, you must obtain at least 65% of the possible points. Grading is based on the point thresholds described in the faculty procedure "Principles of student assessment". A student may retake the exam twice. -

Practical classes (Colloquium practical) - proper performance of a practical task assigned by the person conducting. 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 syllabus, i.e. the forms of passing the exam and exercises, may change in a manner appropriate to the situation. -

Auditorium classes (Colloquium test) - There are 3 written, oral and practical tests per semester. To pass the test, you must obtain at least 65% of the possible points. The grading of grades is based on the score thresholds described in the faculty procedure "Principles of grading students". The student may attempt to improve the test twice. The condition for receiving a final test grade is to obtain positive marks from all tests taking place during the classes. -

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**BASIC LITERATURE:**

1. W. Dunbar Gram, Rowan J. Milner, Remo Lobetti, *Choroby przewlekłe psów i kotów*, Wyd. Galaktyka, R. 2019
2. Niemand H.G., Suter P.F., *Praktyka kliniczna: PSY*, Wyd. Galaktyka, R. 2003
3. Hans Lutz, Barbara Kohn, Franck Forterre, *Praktyka kliniczna: KOTY*, Wyd. Galaktyka, R. 2021
4. Nelson R.W., Couto C.G. Red. wyd. pol. Lechowski R., Schollenberger A., Pomianowski A., *Choroby wewnętrzne małych zwierząt*, Wyd. Galaktyka,, R. 2008

**SUPPLEMENTARY LITERATURE:**

1. Ilse Schwendenwein, Andreas Moritz, *Diagnostyka laboratoryjna psów i kotów*, Wyd. Galaktyka, R. 2021
2. , *czasopisma weterynaryjne*, Wyd. , R. 2020
3. Tilley L.P., Smith jr F.W.K., *5 minut konsultacji weterynaryjnej: Psy i koty*, Wyd. Elsevier Urban Partner, R. 2008

