
Course title: INTERNAL DISEASES OF DOGS AND CATS

ECTS credit allocation (and other scores): 5

Semester: autumn

Level of study: ISCED-7- long-cycle programmes (EQF-7)

Branch of science: Agricultural sciences

Language: English

Number of hours per semester: 75

Course coordinator/ Department and e-mail: prof. UWM , dr hab. Andrzej Pomianowski, / Department of Internal Disease with Clinic e-mail: apomian@uwm.edu.pl

Type of classes: classes and lectures

Substantive content

CLASSES: Diseases of the skin. Diseases of the heart muscle. Endocarditis and valvular disease. Congenital heart defects. Electrocardiography and echocardiography. Diseases of the upper and lower respiratory tract. Bronchoscopy. Diagnosis of gastrointestinal diseases therapy. Gastroscopy. Fluid therapy. Diseases of the liver and biliary tract. Diabetes, thyroid and parathyroid glands. Diseases of the urinary tract. Diseases of the nervous system. Laboratory diagnosis of organ and system disturbances.

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

Learning purpose: The purpose of education is to familiarize students with the etiology, pathogenesis, diagnosis, treatment and prevention of diseases of the following systems: coating, respiratory, cardiovascular, digestive, urinary, endocrine and nervous systems of dogs and cats.

On completion of the study programme the graduate will gain:

Knowledge: Describes and interprets: causes, symptoms and signs of diseases, anatomopathological changes; Knows principles for the treatment and prevention of particular diseases; Implements the principles of diagnostics (including differential diagnostics) and therapeutic procedures; Knows principles of antibiotic therapy. Records, analyses and correctly interprets the clinical data and results of laboratory tests and additional clinical trials.

Skills: Is able to obtain an accurate and relevant history of the individual animal or animal group, and its/their environment; Handles and restrains an animal safely and humanely, and instructs others in performing these techniques; Performs a complete clinical examination; Evaluates the necessity of euthanasia. Collects, preserves and transports samples; performs standard laboratory tests, and interprets the results of those generated in-house, as well as those generated by other laboratories; Uses radiographic, ultrasonic, and other technical equipment applied as a diagnostic tool, safely and in accordance with current regulations. Prescribes and dispenses medicines responsibly in accordance with relevant legislation and ensures that medicines and waste are safely stored and/or disposed of; Safely performs sedation, general and regional anaesthesia, assessing and controlling pain; Advises on and administers appropriate treatment; Performs appropriate first aid for any species.

Social Competencies: Takes full responsibility for making decisions related to humans and animals; Applies the ethical codes of the appropriate regulatory bodies; Puts patient's welfare first.

Basic literature: 1) Nelson R.W., Couto C.G. Red. wyd. pol. Lechowski R., Schollenberger A., Pomianowski A., Choroby wewnętrzne małych zwierząt , wyd. Galaktyka,, 2008 ; 2) Niemand H.G., Suter P.F., Praktyka kliniczna: PSY, wyd. Galaktyka, 2003 ; 3) Horzinek M.C., Schmidt V., Lutz H, Praktyka kliniczna: KOTY, wyd. Galaktyka, 2004

Supplementary literature: Tilley L.P., Smith jr F.W.K., 5 minut konsultacji weterynaryjnej: Psy i koty , wyd. Elsevier Urban & Partner, 2008

The allocated number of ECTS points consists of:

Contact hours with an academic teacher: 75

Student's independent work:49