UNIVERSITY
OF WARMIA AND MAZURY
IN OLSZTYN

Faculty of Veterinary Medicine

Course title: VETERINARY NEUROLOGY

ECTS credit allocation (and other scores): 1,5

Semester: autumn

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

Branch of science: Agricultural sciences

Language: English

Number of hours per semester: 15

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: Neurological examination, location of lesions in the CNS. Additional examinations; electrodiagnostics, imaging-MRI, myelography, RTG. The discussion of clinical cases.

LECTURES: Basic concepts of neurological disorders. Anatomy and physiology of the nervous system. Diseases of the nervous system-based acronym VITAMIN D. Inflammatory diseases of the central nervous system: GME, NME, SRMA, WSS, CNS tumors, degenerative diseases of the central nervous system: IVDD, a team of cognitive impairment, disease-idiopathic epilepsy, vestibular syndrome, vascular disease, CNS, infectious diseases: distemper, FeLV, FIP, panleucopenia. Injuries to the central nervous system. Examination of cerebrospinal fluid, the interpretation of the results. Additional tests, electrodiagnostics: SSEP, BAER, EMG, EEG, imaging, MRI, CT, myelography, X-ray
Learning purpose: The purpose of education is to introduce and expand students' knowledge of the etiology, pathogenesis, diagnosis, treatment and prevention of diseases of the nervous system.

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. Records, analyses and correctly interprets the clinical data and results of laboratory tests and additional clinical trials; Knows principles of antibiotic therapy.

Skills: Is able to obtain an accurate and relevant history of the individual animal or animal group, and its/their environment; Performs a complete clinical examination; Collects, preserves and transports samples;Uses radiographic, ultrasonic, and other technical equipment applied as a diagnostic tool, safely and in accordance with current regulations.

Social Competencies: Applies the ethical codes of the appropriate regulatory bodies; Puts patient's welfare first.

Basic literature: Lorenz M.D., Neurologia weterynaryjna , wyd. Elsevier Urban& Partner, 2004 ; Jaggy A., Atlas I podręcznik neurologii małych zwierząt, wyd. Galaktyka, 2005

Supplementary literature: Platt S, Manual of Canine and Feline Neurology , wyd. BSAVA, 2004 ; DeLahunta A., Veterinary Neuroanatomy and Clinical Neurology, wyd. Elsevier, 2008

The allocated number of ECTS points consists of:

Contact hours with an academic teacher: 15

Student's independent work: 20,5