



Course title: PATHOPHYSIOLOGY

ECTS credit allocation (and other scores):7

Semester: autumn

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

Branch of science: Agricultural sciences

Language: English

Number of hours per semester: 105

Course coordinator/ Department and e-mail: prof. dr hab. Krzysztof Wąsowicz, Department of Pathophysiology, Forensic Veterinary Medicine and Administration, wasowicz@uwm.edu.pl

Type of classes: classes and lectures

Substantive content

CLASSES: Disturbances in cell biology, influence of physical factors on the organism, oedema, inflammation, allergy, stress, hormonal disturbances, avitaminoses, disturbances in general and local circulation.

LECTURES: General and systemic pathophysiology. General problems of nosology, etiology and pathogenesis, general disturbances (inflammation, oedema, pyrexia, allergy, avitaminoses, metabolic and electrolyte disturbances).

Systemic pathophysiology of nervous, hormonal, hematopoietic, circulatory, respiratory, alimentary and genitourinary systems

Learning purpose: Giving the students knowledge of general aspects of nosology, etiology and pathogenesis of diseases. Presenting problems of systemic pathophysiology. Creating the bridge between basic and clinical sciences.

On completion of the study programme the graduate will gain:

Knowledge: Mechanisms of the disease as a general phenomenon. Basic mechanisms of diseases.

Skills: Ability to use knowledge from basic sciences in the clinical work.

Social Competencies: none

Basic literature: R. Fitko, Patofizjologia zwierząt, wyd. PWRiL, 1991 ; 2) R. Fitko, Zarys patofizjologii zwierząt, wyd. Wydawnictwo ART, 1998 ; 3) S. Maśliński, R. Ryżewski, Patofizjologia., wyd. PZWL, 2009

Supplementary literature: Guzek J.W., Patofizjologia człowieka w zarysie, wyd. PZWL, 2002

The allocated number of ECTS points consists of:

Contact hours with an academic teacher:105

Student's independent work:105