UNIVERSITY
OF WARMIA AND MAZURY
IN OLSZTYN

Faculty of Medicine

Course title: PROBLEM BASED LEARNING (PBL) III ED

ECTS credit allocation (and other scores): 1 point

Semester: spring

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

Branch of science: Medical and health sciences

Language: English

Number of hours per semester: 20 h

Course coordinator/ Department and e-mail: Beata Moczulska MD, PhD beata.moczulska@uwm.edu.pl

Department of Cardiology and Internal Medicine

Type of classes: classes

Substantive content

CLASSES: Analysis 8 casses from diseases of the heart, lungs gastrointestinal tract, endocrinological tract, urinary tract and blond

LECTURES: There are no lectures

Learning purpose: Knows theoretical and practical background of internal diseases due to with laboratory tests. Knows and understand newest literature.

On completion of the study programme the graduate will gain:

Knowledge: W1 - Knows environmental and economical circumstances of coronary artery disease, myocardial infarction and lifethreatening conditions in cardiology; renal disease, diabetes and GI tract disorders.
W2 - describes the acid-base balance and the mechanism of action of buffers and their importance in systemic homeostasis
W3 - knows the activities and mechanisms of regulation of all organs and systems of the human body
W4 - knows the basic quantitative parameters describing the efficiency of individual systems and organs, including: scope, norms, and demographic factors affecting the value of these parameters
W5 - knows and understands the causes, symptoms, principles of diagnosis and therapeutic procedure in relation to the most common diseases
W6 - Knows rules work in group

Skills: U1 - describes changes in the functioning of the body in a situation of disruption of homeostasis, in particular determines its integrated response to physical exertion, exposure to high and low temperature, loss of blood or water, sudden uprightness, transition from sleep to wakefulness
U2 - interprets laboratory tests and identifies the reasons for their deviations
U3 - uses databases, including online ones, and finds the information it needs using the available tools
U4 - shows responsibility for raising their qualifications and transferring knowledge to others
U5 - recognizes its own limitations, makes self-assessments of educational deficits and needs, plans its own educational activity
U6 - critically analyzes medical literature, including in English, and draws conclusions based on available literature
U7 - performs differential diagnosis of the most common diseases in adults

Social Competencies: K1 - has awareness of its own limitations and the ability to continually improve itself
K2 - is guided by the good of the patient, putting them first

K3 - is able to inspire, be a leader and cooperate in an interdisciplinary team

Basic literature: 1.Malcolm S. Thaler, Only EKG Book You'll Ever Need , wyd. Wolters Kluwer, 2011 ; 2) Murray Longmore, Ian Wilkinson, Andrew Baldwin, and Elizabeth Wallin, Oxford Handbook of Clinical Medicine, wyd. Oxford , 2014 ; 3)Dennis Kasper, Anthony Fauci, Stephen Hauser, Harrison's Priniciples of Internal Medicine 19/e - 2 Volumes ,wyd. McGraw-Hill Medical, 2015 ; 4) Kumar, Clark,, Kumar and Clark's Clinical Medicine 9/e, wyd. Elsevier, 2016 ; 5) Vinay Kumar,Abbas,Aster, Robbins and Cotran, Pathologic Basis of Disease 9/e, wyd. Saunders, 2014

Supplementary literature: -

The allocated number of ECTS points consists of: 1 point

Contact hours with an academic teacher: 2h

Student's independent work: 2h