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Course title: INTEGRATED and INTERDISCIPLINARY TRAINING 4/4

ECTS credit allocation (and other scores): 0,5

Semester: autumn

Level of study: ISCED-6 - first-cycle programmes (EQF-6)

Branch of science: Medical and health sciences

Language: English

Number of hours per semester: 12

Course coordinator/ Department and e-mail: Blanka Wolszczak-Biedrzycka MD,PhD. Department of Psychology and Sociology of Health and Public Health School of Public Health Collegium Medicum, University of Warmia - Mazury in Olsztyn, E-mail: [blanka.wolszczak@uwm.edu.pl](mailto:blanka.wolszczak@uwm.edu.pl)

Type of classes: classes

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Substantive content

CLASSES: The use of laboratory diagnostics in the diagnosis of the patient in selected cases associated with: 1) hematologic and coagulation systems 2) urinary system 3) digestive system 4) cardiovascular system and cancers.

LECTURES: ---

Learning purpose: Students should know what kind of tests should be performed for the diagnosis of organ disorders

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On completion of the study programme the graduate will gain:

Knowledge: W1 - (B.W24.) basic quantitative parameters describing the efficiency of individual systems and organs, including the reference values and demographic factors affecting the value of these parameters; (E.W24). basic of early cancer detection and principles of screening in oncology; (E.W39.) types of biological materials used in laboratory diagnostics and principles of sampling for research; (E.W40.) theoretical and practical foundations of laboratory diagnostics; (E.W41.) possibilities and limitations of emergency laboratory tests;

Skills: U1 - (E.U24) interpret laboratory results and identify the causes of deviations from the reference values

Social Competencies: K1 - (K.5) perceiving and recognizing one's own limitations and self-assessing educational deficits and needs;

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Basic literature: 1) Hubbard J.D., "A concise review of clinical laboratory science", wyd. Williams&Wilkins, 2010

Supplementary literature:

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The allocated number of ECTS points consists of:

Contact hours with an academic teacher: 12

Student's independent work: 1,5