

Course title: BIOLOGICAL HAZARDS IN TROPICS

ECTS credit allocation (and other scores): 0.5

Semester: autumn

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

Course coordinator/ Department and e-mail: MSc Małgorzata Lepczyńska

Type of classes: classes

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Substantive content:

CLASSES: Selected diseases (bacterial, viral, fungal and parasitic) occurring in the tropical conditions. The symptoms of plants and mushrooms poisoning. Venomous animals as a threat to human health. Immunization, prevention during the trip and proceedings after the trip to the tropical countries.

LECTURES: -

Learning purpose: To provide the knowledge on the evaluation of threats to human health and life in tropical environments.

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On completion of the study programme the graduate will gain: The knowledge about the selected parasites occurring in tropical countries, signs of parasitic diseases and their diagnostics; acquisition of skills to recognize parasites, making health-promoting activities, environmental risk assessment for human life and health.

Knowledge: Student characterizes the symptoms of diseases caused by such etiological factors as: bacteria, viruses, fungi, plants, animals of tropical climate.

Skills: The Student can provide the tips on pro-health behaviors – how to avoid infections with bacteria, viruses, fungi, parasites occurring in tropical and subtropical regions; recognize the parasite species being a potential source of hazard to humans in tropics.

Social Competencies: Student is aware of his limitations and the need for continuous training in attribution of pathogens influence on the humans health.

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Basic literature: Rothe C. "Clinical Cases In Tropical Medicine" Elsevier, 2015.

Supplementary literature: 1. Garcia L. Sh. "Diagnostic medical parasitology" Washington, D.C. ASM Press, 2007.

2. <https://www.cdc.gov/>, <https://www.who.int/>

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The allocated number of ECTS points consists of: 12.5 hours

Contact hours with an academic teacher: 22 hours

Student's independent work: 0.5 hours