

SYLLABUS

Name: Emerging parasitic diseases and zoonoses (25-BI-S2-W-EPDZ-AN)

Name in Polish: Choroby pasożytnicze i choroby odzwierzęce

Name in English: Emerging parasitic diseases and zoonoses

Information on course:

Course offered by department: Faculty of Biological Sciences

Course for department: Faculty of Biological Sciences

Default type of course examination report:

Grading

Language:

English

Short description:

Prerequisites regarding knowledge, skills, and social competences for the course/module:

The student knows the basic terminology in the field of microbiology, parasitology and epidemiology, carries out microscopic observations

Student's own work:

- preparation for classes: 10h
- reading the indicated literature: 10h
- preparation for the tests: 20h

Description:

Educational aims:

Environmental determinants, the occurrence and spread of infectious parasitic diseases and emerging zoonoses

Course content:

Basics of parasite classification, including pathogen vectors. Transmission routes and ecoepidemiology of parasites and pathogens. Differentiation of life cycles of parasites. Selected infectious and invasive diseases - current epidemiological situation. Diagnostic methods used in parasitology. Prevention of parasitoses and zoonoses.

Bibliography:

Mandatory and recommended reading list:

Centers for Disease Control and Prevention, <https://www.cdc.gov>

Lucius R, Loos-Frank B, Lane RP, Poulin R, Roberts C, Grencis RK. 2017. The Biology of Parasites, Wiley-Blackwell (selected chapters)

Goater TM, Goater CP, Esch GW. 2014. Parasitism: The Diversity and Ecology of Animal Parasites, 2nd Edition, Cambridge University Press (selected chapters)

Bogitsh B, Carter C, Oeltmann T. 2005. Human Parasitology, 3rd Edition, Elsevier (selected chapters)

Selected publications

Learning outcomes:

Intended learning outcomes

Student:

K_W01

knows the life cycles and transmission routes of selected parasites and pathogens;

K_W03

knows the current epidemiological situation of selected human parasitic diseases and emerging zoonoses;

K_W10

knows the methods used in the diagnosis of parasitoses;

K_U07

analyzes and selects information on parasitic and transmission diseases,

K_K03

is aware of the role and importance of knowledge about parasitic diseases and the possibility of parasitic infections depending on environmental conditions, human behavior and geographical zone;

K_K07

is able to use objective sources concerning the subject of the course;

Assessment methods and assessment criteria:

Assessment methods for the intended learning outcomes:

- lecture:
- final test
- practices:
- test

Credit requirements for individual components of the course/module:

- continuous control of attendance and progress in the topics of classes
- see above

Course credits in various terms:

<without a specific program>

Type of credits	Number	First term	Last term
European Credit Transfer System (ECTS)	4	2024/25-Z	

USOSweb: Szczegóły przedmiotu: 25-BI-S2-W-EPDZ-AN, w cyklu: <brak>, jednostka dawcy: <brak>, grupa przedm.: <brak>