



12148-3-A

ECTS: 1

YEAR: 2016L

**COURSE CONTENT
CLASSES**

Familiarize with the characteristics (structure, reproduction, life cycles, pathogenicity, diagnostics) of human parasites inhabiting: digestive, circulatory, respiratory, nervous and urogenital systems, as well as parasites living in muscles, parenchymal organs and in the skin. Parasites belongs to: Protozoa, Digenea, Cestoda, Nematoda, Arachnida, Insecta.

LECTURES

Introduction to parasitology. Sources of infection and the routes of entry of parasites. Types of harm to parasites. Parasitic diseases caused by protozoan, flatworms, roundworms. Exotic parasitic invasions. Invasions of parasitic arthropods. Methods used in the diagnosis of parasitic diseases of man.

EDUCATIONAL OBJECTIVE:

Acquire knowledge about the parasite-host system, the characteristics of selected parasites, 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

**DESCRIPTION OF LEARNING OUTCOMES FOR THE COURSE IN RELATION TO FIELD AND MAJOR
LEARNING OUTCOMES**

Codes of learning outcomes in a major field
of study:

Codes of learning outcomes in a major area C.U7. +, C.U9. +, C.W13. +, C.W15. +, C.W16. +, C.W18. +, K.4.
of study: +,

LEARNING OUTCOMES:**Knowledge**

W1 - explain the relationship between host and parasite

W2 - characterize the symptoms of parasite diseases, invasive forms of parasite, source and route of parasite infection, life cycles

W3 - know the epidemiology of parasite infection with their geographical distribution

W4 - know the basic methods of parasite diagnostic

Skills

U1 - recognize parasitic diseases on the base of clinical symptoms, interview and results of laboratory tests

U2 - students can prepare microscopic slides and recognize the pathogen using microscope

Social competence

K1 - student is aware of his limitations and the need for continuous training in parasitology

BASIC LITERATURE

1) Buczek A., 2011r., "Parasitology for medical students", wyd. Koliber, Lublin, 2) Garcia L. Sh., 2007r., "Diagnostic medical parasitology", wyd. Washington, D.C. ASM Press.

SUPPLEMENTARY LITERATURE

brak

Course/module:

Medical Parasitology

Fields of education:

Obszar nauk medycznych, nauk o zdrowiu i nauk o kulturze fizycznej

Course status: mandatory

Course group: A - basic course

ECTS code: 12148-3-A

Field of study: Medicine

Specialty area: Medicine

Educational profile: Practical

Form of study: full-time

Level of study: uniform master's studies

Year/semester: 2 / 4

Type of course:

Classes, Lecture

Number of hours per semester/week: Classes: 18, Lecture: 6

Teaching forms and methods

Classes(K1, U1, U2, W2, W4) : laboratory classes, Lecture(W1, W2, W3, W4) : PowerPoint presentation

Form and terms of the verification results:

CLASSES: Colloquium practical - recognizing parasites under microscope(K1, U1, U2) ; CLASSES: Written test - short tests from current topic of the classes(K1, U1, U2, W1, W2, W3, W4) ; CLASSES: Colloquium test - Test, 30 questions, only one answer is correct(K1, U1, U2, W1, W2, W3, W4) ; LECTURE: Colloquium test - Test, 30 questions, only one answer is correct(K1, U1, U2, W1, W2, W3, W4)

Number of ECTS points: 1

Language of instruction: English

Introductory courses:

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Preliminary requirements:

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Name of the organizational unit offering the course:

Katedra Biologii Medycznej,

Person in charge of the course:

prof. dr hab. Ewa Dzika,

Course coordinators:

prof. dr hab. Ewa Dzika, mgr Małgorzata Lepczyńska,

Notes:

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Detailed description of the awarded ECTS points - part B

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MEDICAL PARASITOLOGY

The awarded number of ECTS points is composed of:

1. Contact hours with the academic teacher:

- participation in: classes	18 h.
- participation in: lecture	6 h.
- consultation	2 h.
	26 h.

2. Student's independent work:

- preparing to the classes	2 h.
- preparing to the final theoretical and practical test	5 h.
	7 h.

1 ECTS point = 25-30 h of the average student's work, number of ECTS points = 33 h : 25 h/ECTS = 1,32 ECTS
on average: **1 ECTS**

- including the number of ECTS points for contact hours with direct participation of the academic teacher:	1,04 ECTS points,
- including the number of ECTS points for hours completed in the form of the student's independent work:	-0,04 ECTS points,