



48SJ-MEDPAR

ECTS: 1

YEAR: 2021L

**MEDICAL PARASITOLOGY
MEDICAL PARASITOLOGY****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. Microhabitat of parasites. 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 M/NM+++,
of study:

Codes of learning outcomes in a major area C.U7.+ , C.U9.+ , C.W13.+ , C.W16.+ , C.W17.+ , C.W19.+ , K.4.+ ,
of study:

LEARNING OUTCOMES:**Knowledge**

W1 - explain the relationship between host and parasite as well as knows the basic symptoms of parasitic infections

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 the most common human parasites based on their morphology, life cycle and symptoms of the disease

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., Parasitology for medical students, wyd. Koliber, Lublin, 2011 ; 2) Garcia L. Sh., Diagnostic medical parasitology, wyd. Washington, D.C. ASM Press, 2007

SUPPLEMENTARY LITERATURE

Course/module:	Medical Parasitology
Fields of education:	
Course status:	mandatory
Course group:	A - przedmioty podstawowe
ECTS code:	
Field of study:	Medicine
Specialty area:	Medicine
Educational profile:	General academic
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, W3, W4) : laboratory classes, Lecture(K1, U1, W1, W2, W3) : PowerPoint presentation
Form and terms of the verification results:	CLASSES: Colloquium practical - recognizing parasites under microscope(K1, U1, U2, W3, W4) ; CLASSES: Written test - short tests from current topic of the classes(K1, U1, W1, W2, W3, W4) ; CLASSES: Colloquium test - 15 MCQ questions (only one answer is correct) and 15 open questions (K1, U1, W1, W2, W3, W4) ; LECTURE: Colloquium test - 30 questions (15 MCQ and 15 open questions)(K1, U1, W1, W2, W3, W4)
Number of ECTS points:	1
Language of instruction:	English
Introductory courses:	-
Preliminary requirements:	-
Name of the organizational unit offering the course:	Katedra Biologii Medycznej,
Person in charge of the course:	prof. dr hab. Ewa Dzika,
Course coordinators:	
Notes:	-

Detailed description of the awarded ECTS points - part B

**48SJ-
MEDPAR
ECTS: 1
YEAR: 2021L**

MEDICAL PARASITOLOGY 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,