



## COURSE SPECIFICATION

Msc. Tropical medicine –First part

Faculty of Medicine– Mansoura University

### (A) Administrative information

(1) Program offering the course.	Msc. Tropical Medicine (TROP 508)
(2) Department offering the programme.	Tropical Medicine
(3) Department responsible for teaching the course.	Parasitology
(4) Part of the program.	First Part –Parasitology
(5) Date of approval by the Department`s council	27/5/2016
(6) Date of last approval of program specification by Faculty council	9/8/2016
(7) Course title.	Parasitology
(8) Course code.	TROP 508 TROP 508P
(9) Credit hours	1.5 credit hour
(10) Total teaching hours.	7.5 hour lectures 30 hour practical



(B) Professional information

(1) **Course Aims.**

The broad aims of the course are as follows: (either to be written in items or as a paragraph)

- 1- To provide updated knowledge and practical skills in common parasitic diseases.**
- 2- To gain awareness of potential emerging/threatening diseases and act as the first line of defense**

## (2) Intended Learning Outcomes (ILOs):

On successful completion of the course, the candidate will be able to.

### A- Knowledge and Understanding

- A1** Define the morphological characteristics of medically important helminths, protozoa and arthropods
- A2** Recognize the geographical distribution of important parasites and to explain the environmental factors determining such distribution.
- A3** Describe the life cycles, methods of transmission, habitat, infective and diagnostic stages of medically important helminths, protozoa and arthropods
- A4** Identify host-parasite interaction, how parasites harm their hosts pathologically.
- A5** Recognize clinical picture related to parasitic infections.
- A6** Discuss the different diagnostic techniques for detecting parasites.
- A7** Define the different prophylactic strategies to protect host against parasitic diseases.
- A8** List opportunistic, nosocomial and zoonotic infections

### B- Intellectual skills

- B1.** Integrate the basic science of parasitology into clinical practice to explain the various phenomena of common parasitic diseases.

### C-Professional/ Practical Skills

- C1.** Demonstrate the morphological characteristics of the most common helminths and protozoa in parasitology lab

(3) Course content:

Subjects	Lectures	Laboratory
-Host-Parasite relationship -Immune response to parasites	0.5	
Medical Helminthology: - Class Trematoda - Schistosomes - Some Egyptian snails	1	7
- Class Cestodea	1	6
- Class Nematoda	1	7
Medical Protozoology: - Phylum Sarcomastigophara	1	2
- Phylum Apicomplexa	1	2
- Phylum Ciliophora & Microspora	1	2
Medical Entomology	0.5	2
Molecular diagnosis of parasitic diseases	0.5	2
<b>TOTAL</b>	<b>7.5</b>	<b>30</b>

**(4) Teaching methods:**

- 4.1: Lectures.
- 4.2: Laboratory demonstration.
- 4.3: Observation and Practical sessions.

**(5) Assessment methods:**

- 5.1....Written exam for assessment of.....(A1 to A8) and B1
- 5.2....Oral exam for assessment of.....(A1 to A8)
- 5.3.....MCQ exam for assessment of.....(A1 to A4)
- 5.4.....Practical exam for assesement of.....C1

**Assessment schedule.**

Written exam (60%).	72 marks
MCQ: (20% of written)	18 marks
Oral exam: (20%).	30 marks
Practical exam (20%).	30 marks
Other assessment without marks:	No

**(6) References of the course.**

- 6.1: Hand books.... Basic Clinical Parasitology, Medical Parasitology.
- 6.2: Text books.... Manson's Tropical diseases
- 3: Journals: Journal of Tropical Medicine and Hygiene
- 6.1: Websites: <http://www.parasite.biology.Qiowa.edu>.
- 6.1: Others.....

**(7) Facilities and resources mandatory for course completion.**

1- lecture hall.

2- Teaching aid as computer, data show projector, laser pointer.

3- Clinical Facilities in Medical Parasitology Department during Study including the Parasitological laboratory.

Course coordinator: Assistant Prof. Mahmoud Abdel-Aziz Abdel-Hamid

Assistant : Dr. Mohamed EL Diasty

Dr. Walaa Shabana

Head of the department: Prof. Mahmoud El-Bendary

Date: