



Катедра по медицинска биология

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ACADEMIC STANDARD FOR THE ELECTIVE COURSE

BIOLOGY OF PARASITES

(FACULTY OF MEDICINE AND FACULTY OF DENTISTRY)

1. Objective of the elective course

The main objective of the training in the elective discipline “Biology of Parasites” is to acquire knowledge on basic issues related to the morphological features of the most important parasites from a medical point of view, their biological significance, distribution, life cycle, stages of development, invasive and pathogenic forms, diseases they cause, basic diagnostic methods and methods for prevention.

The objective of the training in the elective discipline is coordinated with acquiring knowledge and skills for recognizing and characterizing the most important parasites in terms of:

- morphology and biological cycle
- invasive and pathogenic forms
- modes of infection
- parasitic diseases
- localization and pathogenic mechanism
- general knowledge of the clinical picture and diagnostic methods
- prophylaxis

2. Course content

Lectures are prepared and presented in the form of a multimedia presentations. All lecture presentations are provided to students in electronic format on the SharePoint platform.

The goal of the lecturers is to stimulate the upgrading of students' knowledge, to encourage their initiative, to help them create habits for independent self-education.

3. Prerequisites

All first-year medical and dental students can register for the elective course in the academic departments of the respective faculties. The number of places on the course is unlimited and there are no additional admission requirements.

4. Academic Staff

This course is taught by all habilitated and non-habilitated staff members of the Department of Medical Biology.

5. Material resources

The elective course is entirely lecture-based and does not require specific material resources except for those provided in the MU-Plovdiv auditoriums.

6. Lecture training

Lectures are prepared and delivered in the form of multimedia presentations.

7. Information resources, basic literature, websites

The teachers have developed lectures that are provided to students on the SharePoint platform.

A list of recommended literature on the subject and additional Internet resources are provided, where suitable materials for student preparation can be found.

Textbooks

- Draganova M., N. Mehterov, Y. Feodorova, Vesselin Alexandrov, M. Kazakova, V. Sarafian. Parasitology. Manual for first-year students in Medicine and Dental Medicine. Publishing house MU-Plovdiv

8. Assessment

Written test in electronic environment. Objective assessment

9. Assessment Standards

The student assessment standards are carefully considered, clearly developed and defined so that student grades objectively reflect their knowledge and preparation.

- Excellent (6) – for excellent knowledge of the material
- Very good (5) – for mastered key and additional knowledge
- Good (4) – for mastered key knowledge

- Average (3) – lack of basic knowledge
- Weak (2) – no knowledge

10. Documentation, storage of results and control of assessment activities

Exam materials are stored according to the rules set out in the University's Academic Regulations.

The academic standard for the Elective Course "Biology of Parasites" (Faculty of Medicine; Faculty of Dentistry) is approved by the Department Council on 29.09.2025 and is published on the MU-Plovdiv website.

Prof. Maria Kazakova, PhD

Head of the Department of Medical Biology