



**Катедра по инфекциозни болести,
паразитология и тропическа медицина**
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ACADEMIC STANDARD FOR THE DISCIPLINE INFECTIOUS DISEASES, PARASITOLOGY AND TROPICAL MEDICINE

1. The aim of the training in the discipline of infectious diseases, parasitology and tropical medicine is in-depth knowledge of the characteristics of infectious pathology - infection and infectious process, the main groups of infectious diseases, as returned and newly discovered ones. As a theoretical-applied and medical-social discipline, the specialized science of infectology, comprehensively studies the etiology, epidemiology, geographical distribution, pathogenesis, pathomorphology, clinical picture, complications, recurrences, diagnosis, differential diagnosis, therapy, prognosis, and prevention of infectious diseases. The tasks of the section of clinical parasitology (local and tropical parasitoses) is the knowledge of the invasive processes, the groups of parasitic diseases - intestinal, blood and tissue parasitosis and helminthiasis, their etiology, epidemiology, geographical distribution, pathogenesis, pathomorphology, clinical picture, clinical picture, parasitological and lab diagnosis, differential diagnosis, therapy, prognosis and prevention.

The aim is consistent with:

- the University mission and concept,
- the volume of the material and credit rating of the discipline (according to the ECTS system) as outlined in the curriculum;
- the qualification characteristics of the specialty;
- the educational degree (professional bachelor, bachelor or master).

The aim is related to the place of the discipline in the curriculum of the specialty.

2. Educational content

The lectures, practical classes and colloquia are available on the Department's website: www.mu-plovdiv.bg

The content is chronologically arranged in a way that each subsequent lecture and the related exercises use already studied subject matter and concepts. Avoidance of unnecessary overlap or the existence of "white spots" between "linked" curriculum disciplines.

3. Prerequisites

The student must have basic knowledge of:

1. Study of theoretical knowledge about modern infectious diseases - etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, clinical and laboratory tests, etiological diagnosis / microbiological, serological, virological /, approaches to treatment.
2. Practical skills for data collection and interpretation, clinical thinking, probable diagnosis, development of a differential diagnostic plan and application of modern methods of treatment.
3. Application of the most modern scientific methods for diagnosis and treatment of infectious diseases.
4. Acquisition of new theoretical and practical knowledge and skills for deepening the clinical and differential diagnostic thinking with a view to making a timely probable diagnosis and its confirmation or rejection.

4. Academic resources

The academic staff of the department of OTD includes

1. Assoc. Prof. Dr. O. Boykinova, MD
2. Prof. Dr. R. Komitova, MD
3. Assoc. Prof. Dr. Baltadjiev, MD
4. Assoc. Prof. Dr. Eneva, MD
5. Dr. I. Boev
6. Dr. T. Velyanova
7. Dr. P. Argirova

8. Dr. P. Vasilev

9. Dr. A. Masarlieva

10. Dr. Popova

Doctoral student:

11. Dr. Zlatanova

On contract:

12. Assoc. Prof. Vuchev, MD

13. Prof. Dr. M. Stoycheva, MD

14. Assoc. Prof. Dr. A. Petrov, MD

The lectures are given by a habilitated lecturer (associate professor or professor) with the acquisition of a scientific degree (doctor or doctor of medical sciences) in the respective doctoral program.

The practical exercises are led by habilitated and non-habilitated lecturers (assistant). Non-habilitated lecturers receive a Master's degree in medicine and are appointed after the competition

5. Material resources

The Department of Infectious Diseases, Parasitology and Tropical Medicine, MU-Plovdiv has equipped with classrooms for conducting training. All classrooms are provided with equipment for multimedia presentation. Due to COVID 19 pandemic training in the halls was suspended in 2021.

6. Lectures

The lectures are delivered as multimedia presentations and provided to the students in advance. The extent and format of the lectures are chosen by the lecturer.

7. Practical classes

They are organized in groups. Methodological guidelines, manuals and tests are provided for the exercises. Individual and group assignments are given. Control is performed on:

- the student's preparation,
- the results (obtained knowledge and skills) of the specific exercise.

As a methodical form, priority is given to teamwork, team discussions and role-playing. Students can prepare and defend concepts (presentation) on a topic defined on the previous practical. Afterwards discussion is made within groups.

8. Information resources. Basic literature. Websites

The lecturer is required to have lectures and exercises developed and to provide lectures, training tests and other teaching material in electronic format.

Recommended literature in the discipline with priority of the available sources (outlined as "main literature") is presented. Appropriate internet resources are also recommended.

www.ecdc.eu

main source

Infectious diseases a clinical short.couse, Fr.Southwick,,2020.

Oxford textbook of medicine, 6the ed,.2020

supplementary source

Medical Microbiology & Immunology A Guide to Clinical Infectious Diseases, 2018McGrawHill

Handbook

Infectious diseases clinical cases and more, 2018

9. Control work

Students should be taught dynamically and intensively during the semester. It is assumed that the depth, durability and applicability of the knowledge and skills depend on the way they are acquired. Ongoing control of students' knowledge is carried out through tests twice in each semester.

Students are provided with timely information and explanations of the results of the test to assist in their further preparation.

The results of these tests are included as a component in the final grade for the semester.

10. Self-learning and extracurricular work of the student

The self-learning of the student is guided by the lecturer (assistant) who guides the student both in the references and in the methods of their use. The students are also provide with training tests, incl. on-line, for independent work and student exercises.

11. Cooperation between lecturers and students

This cooperation is expressed in:.

- Counseling hours.
- Involving students in teams for scientific tasks, research, projects, etc.

12. Exams

Current assessments planned in the curriculum of the discipline are given for:

1. The results of student in seminar exercises, coursework and individual assignments, research and projects with lecturer, etc.;
2. two tests each semester

13. Evaluation standards

The successful study of the discipline from the curriculum is evaluated as the value of grades, divided into two main elements:

- The first includes the assessment of the student's academic activity throughout the semester (not more than 30%). Includes separate assessments for current control (tests), for the full and quality implementation of the forms for independent work, provided in the curriculum of the discipline.
- The second includes the grade from the discipline exam (not more than 70%). The regulation for conducting the exam is also important, so as to minimize the possibility of manipulating its results.

Clear evaluation standards have been developed

- **Poor (2)** gets a student with scanty knowledge that do not provide basis for the next level pre- clinical and clinical subjects.
- **Average (3)** receives a student who reproduces the knowledge in "ready scheme", missing basic points of the topic; the student can not to use the acquired knowledge and professional competences on his own; terminology is not clear, the presentation is characterized with poor language;
- **Good (4)** receives a student who presents the topic descriptively, reproductive, using typical expressions; limited self-reliance in using the acquired knowledge and competences; in the essay, although there is a good language culture, inaccuracies in the terms are present;
- **Very good (5)** gets a student who develops the topic independently, efficiently, innovatively looking for a new algorithm and analysis of the data; tries to explain and substantiate his thesis; adequately uses the concepts of the scientific field of the discipline studied, has good language culture;
- **Excellent (6)** receives a student who independently, logically, with presence the creative element takes the theme; reasonably and originally used interprets the literature relating to the matter being disclosed; observed formality and readiness to use the acquired knowledge and professional competences; accuracy and rich language culture of the exhibition.

At the beginning of the sessions the students should be acquainted with rating standards, ongoing control procedures, and opportunities to get feedback on their progress during the semester.

14. Formation of the final mark

The semester exam is four-component and includes the disciplines of infectious diseases, epidemiology, parasitology and tropical medicine.

The final grade determines the extent to which the given student has achieved the goal of education set at the beginning.

The final grade is obtained as a sum of the grades on a six-point system from the various components.

If one of the components of the final exam is weak 2, the final grade is necessarily weak 2.

15. Storage of exam papers and assessment control

- The students have the right to be informed about the regulation, procedures and results of the assessment, to make claims and complaints in case of controversy with the current rules.
- The student's right, within the meaning of the preceding paragraph, is valid in the case of established technical shortages or errors (e.g. in the calculation or entering the scores) and on the grounds of discrepancy between the knowledge, skills and competencies shown, and the exam pass mark.
- Correction in the scores under the preceding paragraph are allowed in the Student Book, the examination protocol or in the General Book only by the chief of the discipline.
- Any controversy and claims by the students are made in written form to the assessment team, which should provide a reasoned response by the end of the next working day.
- Established and proven cases of serious violation of the student rights in assessing his / her knowledge, skills and competences are addressed through a written complaint to the Vice- Rector of Quality and Accreditation.

The students have the possibility to see their exam papers and learn about the reasons for the assessment by order and procedure announced in advance. The period during which the students have access to the exam papers and results is no longer than 3 (three) working days after the exam date.

The characteristics of the course are provided to the student at the beginning of the study. This is in accordance with the Higher Education Act Art. 56. para. 1 "teachers are obliged to develop and publish in an appropriate manner and description of the lecture course, including titles and sequence of topics from the curriculum, recommended reading, method of forming the assessment and form of testing knowledge and skills."

made by prof. Radka Komitova MD, PhD

approved by Assoc. Prof.Oliana Boykinova MD, PhD