

**University of Mostar, Faculty of Medicine
Medical study in English**

Course in Infectology with Clinical Microbiology

Course leader:

Associate professor Jadranka Nikolić, MD, PhD

Academic year: 2025/2026

February 23rd- March 23rd, 2026.

I. COURSE AIMS

Infectology

- To learn the meaningful approach to the case history, clinical status and clinical way of making a decision in infectology
- To encourage the independent gaining of knowledge
- To learn how to present patients verbally
- To prepare concise and clear clinical medical findings
- To learn how to carry out the clinical status
- To learn how to formulate the differential diagnosis
- To learn how to perform lumbar puncture
- To learn how to order and interpret findings of usual examinations which are being used in diagnostics of infectological diseases
- To understand the principles of treatment of the most frequent infectological syndroms

Clinical microbiology

The course of Clinical Microbiology is being held simultaneously with the Infectology course for students attending the fourth academic year in Medical Studies in English.

- To learn the indications for microbiological testings, depending on specific clinical feature
- To decide about the appropriate time, types and principles of taking samples
- To learn how to interpret the final result of microbiological testing
- To take the principle measures for preventing hospital infections

II. LOCATIONS:

Lectures and seminars will take place at the Faculty of Medicine University of Mostar, Bijeli brijeg bb, 88000 Mostar (alternative - Clinic for infectious diseases)

Practicals will be held in Clinic for infectious diseases, University Clinical Hospital Mostar, Kralja Tvrtka bb, 88000 Mostar

III. COURSE STRUCTURE:

Total: 120 hours
lectures (L): 20 hours
seminars (S): 35 hours
practicals (P): 65 hours

IV. EXAMINATIONS:

Students need to prepare actively for participating in seminars and practicals.

Presence on the lectures, seminars and practicals is obligatory. Student can miss only 20% of the selected topics (reasonable grounds).

Testing of knowledge is done by preliminary exam (examination of the infectological patient) and oral final exam.

Preliminary exam (examination of the infectological patient) will be held on the same day as final oral exam.

V. COURSE GRADES:

Oral exam:

excellent (5) - (A); very good (4) - (B); good (3) - (C); satisfactory (2) - (D); fail (1) - (F).

VI. LITERATURE:

Recommended:

Southwick F. Infectious diseases: a clinical short course. 4 th edition (McGraw-Hill 2020).

Supplementary:

Wright W. Essentials of clinical infectious diseases. 2 nd edition (demosMEDICAL 2018).

Mertz D, Smaill F, Daneman N. Evidence-based infectious diseases. 3 rd edition (Wiley Blackwell 2018).

Cho J. Infectious diseases. Case study approach (McGraw-Hill 2020).

VII. LIST OF LECTURERS AND TEACHING STAFF

1. Associate professor Jadranka Nikolić, MD, PhD, ID specialist
2. Associate professor Svjetlana Grgić, MD, PhD, ID specialist
3. Assistant professor Siniša Skočibušić, MD, PhD, ID specialist
4. Assistant Željana Sulaver, MD, ID specialist
5. Senior assistant Linda Soldo, MD, ID specialist
6. Senior assistant Monika Dalmatin Dragišić, MD, ID specialist
7. Assistant professor Sanja Jakovac, MD PhD, MD specialist

VIII. LIST OF EXAMINERS FOR 2025/2026. ACADEMIC YEAR

1. Associate professor Jadranka Nikolić, MD, PhD
2. Associate professor Svjetlana Grgić, MD, PhD

CLASSES – RULES OF BEHAVIOR FOR STUDENTS

- ❖ Classes are held in the form of lectures, seminars and exercises. The estimated duration of the course is three weeks. All students should be present at the lectures and the seminars. During the exercises students are divided into 2 training groups.
- ❖ Attending lectures, seminars and exercises is mandatory, and any absence will be recorded.
- ❖ The seminars are designed so that the student deals with a particular topic, most often in the form of Power Point presentations. Any absence from the seminar must be compensated with the respective teacher in the form of a colloquium.

- ❖ Practicals attendance is mandatory. A student who misses more than 10 hours of practicals will not be able to access the exam without additional colloquium. During the practicals the teacher shows and monitors the active participation of students.
- ❖ The year's representative will be notified every day by e-mail on the names of the teachers - the practicals leaders. In the case of possible problems, the representative will contact the Head or the Secretary of the Department.
- ❖ Students are kindly asked to have an understanding and to be flexible. The medical job at the Clinic could be demanding and busy with the occurrence of emergency situations.
- ❖ It is important to behave appropriately in an ambulance, to listen their teacher, not to create unnecessary noise, and to preserve the dignity of each individual patient.
- ❖ The students should come on the practicals with a upper part of the white uniform and a stethoscope.

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