

**SYLLABUS OF THE PRACTICAL CLASSES FOR 3rd YEAR
STUDENTS OF GENERAL MEDICINE. WINTER SEMESTER
2023-2024. MICROBIOLOGY II.**

Practical class No.1 **18.9.-22.9.2023**

Introduction to clinical microbiology. Material sampling and transport for microbiological examination (bacteriological, virological, mycological, parasitological). Microbiological laboratory diagnostic methods.

Written test on the topics of the summer semester practical classes.

Practical class No.2 **25.9.-29.9.2023**

Microbiological diagnostics of respiratory tract diseases. Microbiological diagnostics of infections caused by atypical bacterial agents: chlamydiae and mycoplasmas. Microbiological diagnostics of tuberculosis.

Practical class No.3 **2.10.-6.10.2023**

Microbiological diagnostics of gastrointestinal tract infections.

Practical class No.4 **9.10.-13.10.2023**

Microbiological diagnostics of uropoetic tract infections.

Written test I.

Practical class No.5 **16.10.-20.10.2023**

Microbiological diagnostics of skin and soft tissue infections.

Practical class No.6 **23.10.-27.10.2023**

Microbiological diagnostics of infections caused by anaerobic bacteria.

Practical class No.7 **30.10.-3.11.2023**

Microbiological diagnostics of sepsis and endocarditis.

Practical class No.8 **6.11.-10.11.2023**

Microbiological diagnostics of neuroinfections and infections of the eye.

Practical class No.9 **13.11.-17.11.2023**

Microbiological diagnostics of genital system infections. Sexually transmitted infections; microbiological diagnosis of syphilis.

Practical class No.10 **20.11.-24.11.2023**

Microbiological diagnostics of foetal and neonatal infections. Specifics of infectious diseases during pregnancy and after childbirth. Screening for infectious diseases during pregnancy.

Practical class No.11 **27.11.-1.12.2023**

Microbiological diagnostics of bone and joint infection. Infections associated with the presence of a foreign body and biofilm formation.

Practical class No.12 **4.12.-8.12.2023**

Microbiological diagnostics of infections in immunocompromised patient. Challenges of HIV infection microbiological diagnostics.

Practical exam.