

**Thematic plan for lecture-type classes
in discipline «Microbiology»
for students of 2025 year of admission
under the educational programme
33.05.01 Pharmacy,
specialisation (profile) Pharmacy
(Specialist's degree),
form of study full-time
for the 2025-2026 academic year**

№	Topics of lecture-type classes	Hours (academic)
2 semester		
1.	Introduction in a course of General Microbiology: the subject, purpose and tasks of study. Taxonomy and nomenclature of microorganisms. Morphology, ultrastructure and chemical composition of prokaryotes and eukaryotes. Bacterial ultrastructure. Complex methods of staining.	2
2.	Methods of laboratory diagnosis used in medical microbiology: microscopic, cultural (bacteriological and virological), biological, immunological (serological and allergic tests), molecular-genetic methods.	2
3.	Drugs for the treatment and prevention of infectious diseases: antibacterial drugs and immunobiological drugs (toxoids, vaccines, serums, immunoglobulins, and others).	2
	Total	6

Considered at the Microbiology department meeting, protocol of «11» June 2025 г. № 12.

Head of the Department



Professor Stepanenko I.S.