

**Thematic plan for lecture-type classes
in discipline «Microbiology, virology- Microbiology of the oral cavity»
for students of 2024 year of admission
under the educational programme
31.05.01 Dentistry,
specialisation (profile) Dentistry
(Specialist's),
form of study full-time
for the 2025-2026 academic year**

№	Topics of lecture-type classes	Hours (academic)
3rd semester		
1.	Medical microbiology and virology: subject, goals, objectives. Taxonomy and nomenclature of microorganisms. Morphology, ultrastructure and chemical composition of microorganisms. Morphology of microorganisms living in the oral cavity.	2
2.	Physiology of microorganisms. Nutrition and respiration of bacteria. The main groups of bacteria living in the oral cavity. Growth and reproduction of bacteria. Bacteriological method of research.	2
3.	The doctrine of infection. Forms of infection and their characteristics. Features of the course of infections of the maxillofacial region. Conditions for the occurrence of infection and routes of transmission of the pathogen. Pathogenetic factors of bacteria.	2
4th semester		
4.	Gram-positive cocci Staphylococci and streptococci. Microbiological characteristics. The role of gram-positive cocci in the etiopathogenesis of dental pathology. Laboratory diagnostics, specific prevention and treatment.	2
5.	Pathogens of anaerobic infection. Significance in dental pathology. Principles of laboratory diagnostics, specific prevention and treatment.	2
6.	Viral hepatitis. Characteristics of pathogens, laboratory diagnostics, specific prevention. Risk of infection during dental procedures.	2
Total		6

Considered at the department meeting Microbiology,

protocol of 11 June 2025 r. № 12.

Head of the Department

Irina S. Stepanenko