

**Thematic plan for lecture-type classes  
in discipline « Propedeutic of Dental Diseases »  
for students of 2024 year of admission  
under the educational programme  
31.05.03 Dentistry,  
specialisation (profile) Dentistry  
(Specialist's degree),  
form of study full-time  
for the 2025-2026 academic year**

<b>№</b>	<b>Topics of lecture-type classes</b>	<b>Hours (academic)</b>
<b>2 semester</b>		
1	Dentistry aims and tasks, dentistry evolution, connection with other science. Propedeutics position in dentistry education. Dental care organisation, dental office organisation.	2
2	Teeth clinical anatomy and dental tissue histology. Periodontal complex concept. Dental rotary instruments.	2
3	Occlusion. Different types of occlusion, morfofunctional characteristics.	2
4	Mandibular biomechanics. Articulation concept Temporomandibular joint. Structure. Relationships between stomatognathic system elements. Muscles leading to mandibular motion. Facial muscles, their function in mastication	2
5	Patient examination methods: basic and additional methods. Diagnosis steps. Medical card filling rules. Deontological aspects	2
6	Caries concept. Classification. Rules and steps of caries cavities preparation. Instruments.	2
7	Teeth preparation in prosthetic dentistry. Abrasive instruments. Dental tissue reaction on preparation. Pain prevention and reduction.	2
8	Impression materials, classification, characteristics	2
9	Filling materials: classification, requirements. Filling materials' influence on dental and surrounding tissue. Filling material choice. Cements, lynes.	2
<b>3 semester</b>		
10	Dental material science, content, research methods. Classification of dental materials. The characteristics important in dentistry. Dental materials quality standards.	2
11	Microprostheses: indications for the use of inlays in dentistry, types, methods of manufacture	2
12	Post indirect restorations. Indications for manufacture, types, clinical and laboratory stages of manufacture	2

<b>4 semester</b>		
13	Dental Bridges, their characteristics. Indications Manufacturing technology of soldered, cast bridges	2
14	Endodontics.. Endodontic instruments Methods of endodontic manipulations. Their choice depends on the pathology. Evaluation of endodontic treatment. Materials for the bases of dentures and artificial teeth. Types of plastic polymerization	2
15	Manufacturing technology of removable partial plate and bar prostheses. The structure and topography of the prosthetic bed. Methods of fixation and stabilization of removable dentures	2
	Total	30

Considered at the department meeting of Propedeutic of Dental Diseases protocol of "\_26\_"  
\_May\_\_\_\_\_ 2025\_\_, No18\_

Head of the Department



D.V. Michalchenko