Thematic lesson plan of lectures
in the discipline «Human anatomy – anatomy of head and neck»
for students started studying in 2025
the educational program 31.05.03 Dentistry,
form of study full-time
for the 2025-2026 academic year

№	Topics of lectures	Hours (academic)
	I semester	
1	**The subject of human anatomy. Principles of the modern anatomy. Methods of investigation in the anatomy.**[1] Content of the subject. History of anatomy. Human development. General structure of human body development. The concept of organs and organ systems. The position of man in nature. Anatomical terminology[2]	2
2	**The general information of splanchnology. Functional anatomy of the digestive system. Structural features, development, variations and anomalies, methods of intravital research.**[1] Division of the vegetative tube. Regularities in the structure of the digestive tube. Features of the morphology of the mucous membrane and submucosa in various parts of the digestive tube. Features of the structure of the muscular and outer membranes in various parts of the digestive tube. Features in the anatomy of the digestive system of mammals. The intersection of the airways and digestive tracts in the pharynx. Anatomical narrowing of the esophagus. Factors that prevent the reflux of contents from the stomach into the esophagus. Macrostructural differences between the small and large intestine. Physiological sphincters of the colon. Segmental structure of the liver according to Quino. Anatomical features of the digestive system organs in newborns and young children. Variants of the structure and anatomy of the organs of the digestive system. [2]	
3	**General structure of the nervous system. Development of the nervous system in phylo- and ontogenesis. Spinal cord.** [1] Definition of the nervous system, its divisions. Definition of reflex. Elements of neuroglia. Morphological and functional classification of neurons. Definition of receptor, their classification. The main stages of the evolution of the nervous system. Features of the human brain in contrast to other mammals. Prenatal development of the nervous system. Characteristics of the features of the nervous system of a newborn.[2]	
	II semester	
1	**Facial part of the skull: features of the structure, development in postnatal ontogenesis.** [1] Development of the facial part of the skull in embryogenesis. Features of pre- and postnatal development and structure of the upper and lower jaws, their blood supply and innervation. Counterforts. Variant anatomy of the maxillary sinus and mandibular canal [2]	2
2	**General anatomy of teeth. Features of the structure of dental tissues. General morphology of the root canal system. Occlusion.**[1] Structural elements of the tooth. Dental formulas. Types of bite. Concept of occlusion.[2]	2
3	**Privative anatomy of teeth. Features of the structure of groups of permanent and deciduous teeth. Variations and anomalies.**[1] Morphological characteristics of groups of teeth. Features of the structure of milk teeth. [2]	2
	Total for the discipline	**12**

[1] -Topic
[2] - essential content

Considered at the meeting of the department of Anatomy,
«24» June 2025, Protocol № 20

Head of the Department S.A. Kalashnikova