



«УТВЕРЖДАЮ»  
 Зав. кафедрой нормальной анатомии  
 человека, профессор Н. Т. Алексеева  
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**МИМОС «лечебное дело»**  
**образовательная программа, частично реализуемая на английском языке**

**CALENDAR-THEMATIC PLAN OF LECTURES AND PRACTICAL CLASSES  
 IN HUMAN ANATOMY  
 FOR 2<sup>ND</sup> YEAR STUDENTS IN THE 3<sup>RD</sup> TERM OF 2022–2023 ACAD. YEAR**

**Lectures**

Tuesday (even week) – 13:40–15:20 – Hostel #3, auditory 440  
 Lecturer – associate prof. D.A. Sokolov

№ п.п.	Date	Topic
1.	6.09	<b>General structure of the nervous system. CNS development.</b> Structural elements. Classification of the nervous system and the relationship of its parts. Reflex arc. Reverse afferentation. CNS development. Cerebral vesicles and their derivatives.
2.	27.09	<b>Functional anatomy of the cortex and brain stem.</b>
3.	11.10	<b>Anatomy of nonspecific brain systems. Features of the blood supply to the brain and liquorodynamics.</b> Reticular formation and limbic system. Features of the blood supply to the brain and liquorodynamics.
4.	25.10	<b>Pathways of the central nervous system.</b>
5.	8.11	<b>General structure of the peripheral nervous system.</b> Components, fiber composition, classification, brief description. Principles of segmental innervation of the human body.
6.	22.11	<b>Functional anatomy of the cranial nerves and sense organs (smell, vision, hearing and balance).</b> Sense organs: anatomical and functional characteristics. Conducting paths.
7.	29.11	<b>Functional anatomy of cranial nerves and sense organs (organ of taste).</b> Anatomical and functional characteristics. Conducting paths.
8.	6.12	<b>Autonomic nervous system.</b> Centers and periphery. Sympathetic and parasympathetic divisions. Ganglia and plexuses. Connections with cranial and spinal nerves. Principles of autonomic innervation of internal organs.
9.	13.12	<b>History of anatomy.</b>

**Practical classes**

ЛИА-207 (Monday)		ЛИА-205 (Thursday)		ЛИА-206 (Saturday)	
5.09	Topic № 1	1.09	Topic № 1	3.09	Topic № 1
12.09	Topic № 2	8.09	Topic № 2	10.09	Topic № 2
19.09	Topic № 3	15.09	Topic № 3	17.09	Topic № 3
26.09	Topic № 4	22.09	Topic № 4	24.09	Topic № 4
3.10	Topic № 5	29.09	Topic № 5	1.10	Topic № 5
10.10	Topic № 6	6.10	Topic № 6	8.10	Topic № 6
17.10	Topic № 7	13.10	Topic № 7	15.10	Topic № 7
24.10	Topic № 8	20.10	Topic № 8	22.10	Topic № 8
31.10	Topic № 9	27.10	Topic № 9	29.10	Topic № 9
7.11	Topic № 10	3.11	Topic № 10	5.11	Topic № 10
14.11	Topic № 11	10.11	Topic № 11	12.11	Topic № 11
21.11	Topic № 12	17.11	Topic № 12	19.11	Topic № 12
28.11	Topic № 13	24.11	Topic № 13	26.11	Topic № 13
5.12	Topic № 14	1.12	Topic № 14	3.12	Topic № 14
12.12	Topic № 15	8.12	Topic № 15	10.12	Topic № 15
19.12	Topic № 16	15.12	Topic № 16	17.12	Topic № 16
26.12	Topic № 17	29.12	Topic № 17	24.12	Topic № 17

№ п.п.	Lesson topic
1.	<b>Central nervous system.</b> The cerebrum. Hemispheres of the brain. The relief of the hemispheres: surfaces, lobes, gyri, sulci. Olfactory brain. The base of the brain. Emerging cerebral points for 12 pairs of cranial nerves.
2.	The internal structure of the hemispheres. Lateral ventricles of the brain. Basal ganglia.
3.	Diencephalon: thalamic region, hypothalamus. III ventricle. Mesencephalon. Cerebral aqueduct. External and internal structure, functions.
4.	Metencephalon (hind brain): pons, cerebellum. External and internal structure, functions. Medulla oblongata: external and internal structure, functions. IV ventricle. Rhomboid fossa. Isthmus of the rhombencephalon.
5.	Spinal cord: external and internal structure, functions. Spinal segments. Meninges of the brain and spinal cord.
6.	Neural pathways: afferent group.
7.	Neural pathways: efferent group.
8.	<b>Peripheral nervous system.</b> Cranial nerves: I, II, III, IV, VI pairs. Nuclei, course, branches, topography, areas of innervation. Organs of vision, smell: structure, pathways.
9.	Cranial nerves V pair. Nuclei, course, branches, topography, areas of innervation.
10.	Cranial nerves VII, IX pairs. Nuclei, course, branches, topography, areas of innervation. The organ of taste: structure, pathway.
11.	VIII pair of cranial nerves: nuclei, course, branches, topography, areas of innervation. The organ of hearing and balance: structure, pathways.
12.	Cranial nerves X, XI, XII. Nuclei, course, branches, topography, areas of innervation.
13.	Autonomic nervous system.
14.	Spinal nerves. Cervical plexus. Brachial plexus. Formation, topography, branches, areas of innervation.
15.	Spinal nerves. Thoracic nerves. Lumbar and sacral plexuses. Formation, topography, branches, areas of innervation.
16.	<b>Rating control "Nervous system"</b> . Practical skills. Test control.
17.	<b>Rating control "Nervous system"</b> . Oral control.