

**Plan of the Lectures on Human Anatomy for Foreign Students of
Dentistry Faculty in the II semester of 2023/2024 Studying Year
Beginning 18.01.2024, ending 22.05.2024**

№	Topic	Hours	Group and date
			1
1.	General anatomy of central nervous system.	2	23.01
2.	Anatomy of sensory organs.	2	06.02
3.	General anatomy of peripheral nervous system. Autonomic parts of peripheral nervous system. Anatomy of cranial nerves.	2	20.02
4.	General anatomy of cardiovascular system. Anatomy of the heart.	2	05.03
5.	Functional anatomy of arterial , venous and lymphatic systems	2	19.03
Total		10 hours	

Head of the Department of Normal Anatomy  Prof. L. R. Mateshuk-Vatseba

***Plan of the Practical Classes on Human Anatomy for Foreign Students of Dentistry Faculty in
the II Semester of 2023/2024 Studying Year
Beginning 18.01.2024, ending 22.05.2024***

№	Topic	Hours	Group date
1	Introduction to the CNS. General principles of the structure of the reflex arcs. Gray and white matter of the CNS. Development of the CNS in ontogenesis. External and internal structure of the spinal cord	3	19.01
2	Embryogenesis of brain. Anatomy of medulla oblongata and pons.	3	24.01
3	Anatomy of cerebellum. IV ventricle. Rhomboid fossa.	3	26.01
4	Anatomy of mesencephalon and diencephalon.	3	31.01
5	Cortex, its divisions, elements, and functions. Olfactory brain. Lateral ventricles.	3	02.02
6	Relief of cerebral cortex. Localization of functions in the cerebral cortex of the brain.	3	07.02
7	Basal nuclei. White matter of cerebral hemispheres. Meninges of the brain and spinal cord. Formation and circulation of the cerebrospinal fluid. Exit of 12 pairs of cranial nerves from the brain and skull.	3	09.02
8	Ascending pathways.	3	14.02
9	Descending pathways.	3	16.02
10	Practical skills and summarizing the material on the anatomy of the CNS.	3	21.02
11	Anatomy of the sense organs. Anatomy of the eye. Pathway of the visual analyzer.	3	23.02
12	Anatomy of the ear. Pathways of hearing and balance.	3	28.02
13	Organ of taste. Organ of smell. Pathways of the taste and smell. Skin, its derivatives. Pathways of tactile analyzer.	3	01.03
14	Practical skills and summarizing the material on the anatomy of the sense organs.	3	06.03
15	Classification of cranial nerves. I, II, III, IV, VI, VIII pairs of cranial nerves.	3	08.03
16	V pair of cranial nerves	3	13.03
17	VII, IX, X pairs of cranial nerves. Vegetative nodes of the head.	3	15.03
18	XI, XII pairs of cranial nerves. Spinal nerves. Cervical plexus.	3	20.03
19	Aorta. Branches of the aortic arch. Common and external carotid arteries.	3	22.03
20	Internal carotid and subclavian arteries.	3	27.03
21	Veins of the head and neck. Pterygoid venous plexus.	3	29.03
22	Lymph nodes and vessels of the head and neck	3	03.04
23	Practical skills and summarizing the material on the anatomy of the vessels and nerves of the head and neck. Vascularization and innervation of the head and neck.	3	05.04
24	Anatomy of the heart (I): topography of the heart. Anatomy of the heart chambers. Systemic and pulmonary circulation.	3	10.04
25	Anatomy of the heart (II): structure of wall of the heart, blood supply	3	12.04

	to the heart, pericardium. Projection of the heart on the anterior wall of the thoracic cavity.		
26	Thoracic and abdominal aorta. Pelvic arteries	3	17.04
27	Veins of the trunk: superior vena cava, azygos and hemiazygos veins, inferior vena cava, pelvic veins. Portal hepatic vein. Intrasytemic and intersystemic venous anastomoses.	3	19.04
28	Lymphatic vessels and nodes of thoracic, abdominal and pelvic cavities	3	24.04
29	Autonomic part of the peripheral nervous system. Sympathetic part of ANS. Parasympathetic part of the ANS. Visceral plexuses.	3	26.04
30	Practical skills and summarizing the material on the heart, blood vessels and nerves of the trunk. Vascularisation and innervation of thoracic, abdominal and pelvic cavities.	3	01.05
31	Arteries, veins, lymph vessels and nodes of the upper limb.	3	03.05
32	Brachial plexus.	3	08.05
33	Arteries, veins, lymph vessels and nodes of the lower limb.	3	10.05
34	Lumbar plexus. Sacral plexus. Coccygeal plexus. Thoracic nerves.	3	15.05
35	Practical skills and summarizing the material on vessels and nerves of the upper and lower limbs. Vascularisation and innervation of the upper and lower limbs.	2	17.05
Total:		104 hours	

Head of the Department
of Normal Anatomy



Prof. L. R. Mateshuk- Vatseba

**Thematic Plan Self-Work Study on Human Anatomy for Foreign Students
of Dentistry Faculty for the 1st semester 2023/2024 studying year**

№	Topic	Hours	Date	Type of control
Summary lesson 6. "Anatomy of the CNS".				
1	Circulation of the cerebrospinal fluid (schematically).	6	09/02	Current control in practical classes
2	Associative, commissural and projective pathways (schematically).	6	13/02	
3	Exit of the 12 pairs of cranial nerves from the brain and skull.	6	09/02	
4	Projection of the nuclei of the cranial nerves III - XII.	6	19/03	
	Total:	24 hours		
Summary lesson 7. "Sensory organs".				
1	Derivatives of the skin.	8	01.03	Current control in practical classes
	Total:	8 hours		
Summary lesson 8. "Anatomy of the vessels and nerves of the head and neck".				
1	Features of the topography of the branches of the anterior group of the external carotid artery. Topographic parts of the maxillary artery.	6	22.03	Current control in practical classes
2	Cerebral arterial circle of Willis.	6	26.03	
3	Lymph nodes of the head. Lymphatic outflow from the organs of the neck.	6	23.04	
4	Pterygoid venous plexus. Formation of anterior and external jugular veins.	6	19.04	
	Total:	24 hours		
Summary lesson 9. "Anatomy of the heart. Vessels and nerves of the trunk".				
1	Fetal circulation.	6	09.04	Current control in practical classes
2	Intersystemic and intrasystemic arterio-arterial anastomoses.	6	19.04	
3	Porto-caval and cavo-caval anastomoses.	6	19.04	
4	Formation of thoracic and right lymphatic ducts (schematically).	6	30.04	
	Total:	24 hours		
Summary lesson 10. "Vessels and nerves of the upper and lower limbs".				
1	Arterial nets of the upper and lower limbs.	4	03.05	Current control in practical classes
2	Areas of sensory and motor innervation of the upper and lower limbs by somatic plexuses.	8	10.05	
	Total:	12 hours		
	Total for the 2nd semester :	92 hours		

Head of the Department of Normal Anatomy



Prof. L. R. Mateshuk-Vatseba

