Human anatomy (6-year course), 2nd semester, academic year 2025/2026

No.	Data	Topics of lectures (L) and tutorials (T)
L. 1.	23.02	General characterization of the exterior of the skull.
T. 1.	23.02	Retake of the pelvis colloquium.
T.2.	26.02	General characteristics of the skull. Skull development: endochondral ossification, membranous ossification. General characterization of the exterior of the skull. Detailed structure of isolated skull bones: sphenoid bone, occipital bone and frontal bone.
T. 3.	2.03	Detailed structure of isolated skull bones: temporal bone, bony tympanie cavity, ethmoid bone, parietal bone. Fontanelle.
L. 2.	2.03	General characterization of the interior of the skull.
T. 4.	5.03	Detailed structure of isolated skull bones: zygomatic bone, maxilla, palatine bone, nasal bone, interior nasal concha bone, vomer, lacrimal bone, mandible. Temporomandibular joint.
T. 5.	9.03	Topographical elements of the skull.
L. 3.	9.03	Topographical elements of the skull. (duration 2.15)
T. 6.	12.03	Practical and theoretical colloquium of the skull.
T. 7.	16.03	Retake of the skull colloquium. Regions of head and neck. Muscles and fasciae of head and neck.
L. 4.	16.03	The larynx.
T. 8.	19.03	External nose and nasal cavity. Paranasales sinuses. Larynx and cervical part of trachea.
T. 9.	23.03	Oral cavity, pharynx and cervical part of esophagus: tongue, deciduous and permanent teeth, hard and soft palate. Pharynx. Salivary glands: submandibular, sublingual and parotid. Thyroid and parathyroid glans.
L. 5.	23.03	General characterization of cranial nerves. (duration 2.15)
T. 10.	26.03	Arteries of the head and neck: common, internal and external carotid arterie, subclavian artery.
T. 11.	30.03	Veins of the head and neck: dural infoldings and dural venous sinuses. Intracranial haemorrhages. Veins of the head. Internal, external and anterior jugular veins. Lymphatic nodes and vessels of neck and head.
L. 6.	30.03	Autonomic nervous system of the head and neck. Topographical elements of the head and neck. (duration 2.15)
T. 12.	2.04	Nerves of the head and neck. Cervical plexus: short nerves of cervical plexus, long nerves of cervical plexus. Cranial nerves: nuclei of cranial nerves, general somatic efferent column, special visceral efferent column, general visceral efferent column, general somatic afferent column. Nucleus of solitary tract, special somatic afferent column. Olfactory nerves, trigeminal nerve, facial nerve and intermediate nerves, hypoglossal nerve.
T. 13.	9.04	Nerves of the head and neck. Glossopharyngeal, vagus and accessowy nerves. Autonomic nervous system of head and neck. Cranial parasympathetic ganglia. Parasympathetic innervation of lacrimal, parotid, submandibular and sublingual glands.
T. 14.	13.04	Visual apparatus: eyeball, accessory visual apparatus. Optic nerve. Nerves of extraocular muscles (III, IV, VI). Pupillary light reflex and accommodation reaction.
L. 7.	13.04	Vestibulocochlear organ. (duration 2.15)
T. 15.	16.04	Auditory and vestibular apparatuses: external, middle and internal ear. Vestibulocochlear nerve. Vestibular pathway, auditory pathway.
T. 16.	20.04	Topographical elements of the head and neck: pterygopalatine fossa, buccal space, masticator space, cervical interfascial space, danger space. Triangles of neck.
L. 8.	20.04	Visual apparatus.
T. 17.	23.04	Practical and theoretical colloquium of the head, neck and sensory organs.
T. 18.	4.05	Retake of the colloquium of the head, neck and sensory organs. Topographical and anatomical classification of the brain. Gross structure of the brain. Cerebral cortex: main sulci and fissures, lobes and gyri. The main cortical areas.
L. 9.	4.05	Ontogenetic, topographical and anatomical classification of the brain. Gross structure of the brain.
T. 19.	7.05	Telencephalic nuclei. White matter of hemispheres. Small brain (rhinencephalon). Limbic system components. Lateral ventricle.Diencephalon. Third ventricle. Thalamus and hypothalamus.
T.20.	11.05	Mesencephalon. Cerebral aqueduct. Metencephalon. Myelencephalon. Spinal cord. Cranial nerve nuclei in the brain stem. Fourth ventricle. Reticular formation of the brainstem. Cerebellum and spinal cord.
L.10.	11.05	Sensory system. Pyramidal (corticospinal) tracts. Visual, auditory, olfactory and gustatory pathways. (duration 2.15)
T.21.	14.05	Cranial meninges. Subarachnoid space. Circulation of cerebrospinal fluid. Arteries of the brain, circulus arteriosus of Willis. Lumbar puncture.
T.22.	18.05	Nerve fascicles of the cerebrum (association, projection and commissural fibres). Extrapyramidal system.

		Dysfunction of efferent pathways. Spinocerebellar tracts. Vestibular tract
L.11.	18.05	Motor system (duration 2.15)
T.23.	21.04	Pathways of thalamus and hypothalamus. Integration of autonomic functions. Afferent pathways of internal organs. Ascending tracts (dorsal funiculus, spinothalamic tracts). Dysfunction of efferent pathways. The role of limbic system and its relation with afferent and efferent fibres.
T.24.	25.05	Theoretical colloquium of the neuroscience – brain and nervous pathways
T.25.	28.05	Revision of semester - retakes to tests from the summer semester (skull, head and neck, and neuroanatomy).

Exams summer session 2025/2026	
review of anatomical specimens before the practical exam	16-20.06.2026
practical exam	23.06.2026
theoretical exam	25.06.2026