Human anatomy (6-year course) , 1st semester, academic year 2023/2024

No.	Data	Topics of lectures (L) and tutorials (T)
T. 1.	05.10.2023	Rules and regulations of the Department of Normal Anatomy. Introduction to the subject. Human body positions, Axes, planes, lines and directions of the human body. General anatomical terms. Skeletal system: general structure of bones, classification of junctions and joints. Classification of skeleton.
T. 2.	09.10.2023	Regions of upper limb. Bones of upper limb. Joints of pectoral girdle. Joints of free part of upper limb.
L. 1.	09.10.2023	**Upper limb** – joints of upper limb.
T. 3.	12.10.2023	Muscular system, types of muscles, vector analysis of muscles. Muscles and fasciae of upper limb. Action of the muscles of the upper limb.
T. 4.	16.10.2023	Arteries, veins and lymphatic vessels of upper limb.
L. 2.	16.10.2023	**Upper limb** – muscles of upper limb.
T. 5.	19.10.2023	Nervous system, structure of the spinal nerve. Brachal plexus: supraclavicular part of brachial plexus, infraclavicular part of brachial plexus, short and long nerves of brachial plexus. Clinical symptoms of nerve palsy.
T. 6.	23.10.2023	Topographic elements of the upper limb: axillary fossa, axilla or axillary cavity, subdeltoid space, medial and lateral biciptal groove, cubital tunnel, cubital fossa, prozator canal, radial and ulnar antebrachial groove, ulnar canal, car pal tunnel.
L. 3.	23.10.2023	**Upper limb** – brachial plexus.
T. 7.	26.10.2023	**Upper limb: practical and theoretical tests.**
T. 8.	06.11.2023	Retake of the practical and theoretical parts of the upper limb. Lines and regions of thorax and back. Vertebral kolumn, joint of vertebral column. Thoracic skeleton or thoracic cage (rib cage), joint of thorax.
L. 4.	06.11.2023	**Thorax** – joints of vertebral column and thorax.
T. 9.	09.11.2023	Muscles and fasciae of thorax. Diaphragm or thoracic diaphragm. Breast. Muscles and fasciae of back.
T. 10.	13.11.2023	Heart and pericardium. Fetal circulation. Thoracic vessels: arteries, veins, nodes and lymph vessels.
L. 5.	13.11.2023	**Thorax** – heart and vascular system.
T. 11.	16.11.2023	Trachea, main bronchus, lungs. Pleura.
T. 12.	20.11.2023	Intercostal nerves. Short branches of braxial plexus. Posteriori spinal rami. Phrenic nerve. Thoracic part of vagus nerve. Thoracic part of sympathetic trunk. Cardiac plexus. Mediastinum. Topographic elements of the thorax: suboccipital triangle, intersplenial triangle, triangle of ausculation, lumbar tendinous space, lumbar triangle.
L. 6.	20.11.2023	**Thorax** – autonomic nervous system.
T. 13.	23.11.2023	**Thorax: practical and theoretical tests.**
T. 14.	27.11.2023	Retake of the practical and theoretical parts of the thorax. Lines, regions and planes of abdomen. Muscles and fasciae of abdomen. Topography of the anterolateral abdominal wall: rectus sheath, linea alba, anterior parietal peritoneum, inguinal canal, musculopectineus hiatus, abdominal hernias. Peritoneum: topography, supracolic part of proper peritoneal cavity, infracolic part of proper peritoneal cavity, lesser omen tum, greater omen tum, omen tal bursa.
L. 7.	27.11.2023	**Abdomen** – peritoneum.
T. 15.	30.11.2023	Abdominal vessels: arteries, veins, lymph nodes and lymphatic vessels. Somatic innervation of the abdomen. Lumbar plexus: structure, location, short and long nerves of the lumbar plexus in the abdomen. Clinical symptoms of nerve palsy. Autonomic innervation of the abdomen: celiac plexus, intermesenteric plexus.
T. 16.	04.12.2023	Abdominal organs: spleen, pancreas, liver, intrahepatic biliary ducts, extrahepatic biliary ducts, stomach, abdominal part of the esophagus; arterial supply and innervation of the abdominal organs.
L. 8.	04.12.2023	**Abdomen** – autonomic nervous system of the abdomen and pelvis. Abdominal veins.

T. 17.	07.12.2023	Abdominal organs: small intestine, large intestine. Topographic elements of the abdominal; arterial supply and innervation of the abdominal organs.
T. 18.	11.12.2023	**Abdomen: practical and theoretical tests.**
L. 9.	11.12.2023	**Abdomen and pelvis: lymphatic system of the abdomen and pelvis.**
T. 19.	14.12.2023	Retake of the practical and theoretical parts of the abdomen. Perineal, urogenital and anal regions. Cavity of bony pelvis, planes and conjugates of pelvis. Pelvic canal.
T. 20.	18.12.2023	Pelvic vessels: arteries, veins, lymph nodes and lymphatic vessels. Somatic innervation of the pelvis. Sacral plexus, coccygeal plexus: structure, location, short and long nerves of the plexuses in the pelvis. Autonomic innervation of the pelvis: superior hypogastric plexus, inferior hypogastric plexus.
L. 10	18.12.2023	**Pelvis** – pelvic canal.
T. 21.	21.12.2023	Male urinary and genital system. Innervation and vessels: arteries, veins, lymph nodes and lymphatic vessels. (90 min.)
T. 22.	08.01.2023	Female urinary and genital system. Innervation and vessels: arteries, veins, lymph nodes and lymphatic vessels. (90 min.)
L. 11.	08.01.2023	**Pelvis** – male and female genital system.
T. 23.	11.01.2023	**Pelvis: practical and theoretical tests.**
T. 24.	15.01.2023	Retake of the practical and theoretical parts of the pelvis. Regions of lower limb. Bones of lower limb. Joints of pelvic girdle. Joints of free part of lower limb.
L. 12.	15.01.2023	**Lower limb –** joints of lower limb.
T. 25.	18.01.2023	Muscles and fasciae of lower limb. Action of the muscles of the lower limb.
T. 26.	22.01.2023	Arteries, veins and lymphatic vessels of lower limb.
L. 13.	22.01.2023	**Lower limb** – muscles of lower limb.
T. 27.	25.01.2023	Lumbar plexus and sacral plexus. Clinical symptoms of nerve palsy.
T. 28.	29.01.2023	Topographic elements of the lower limb: obturator canal, greater sciatic foramen, lesser sciatic foramen, retroinguinal space or lacuna communis, femoral triangle, adductor canal, popliteal fossa, tarsal tunnel or medial malleolar canal.
L. 14.	29.01.2023	**Lower limb** – lumbosacral plexus. Topographic elements of the lower limb
Ć 29.	01.02.2023	**Lower limb: practical and theoretical tests.**
L. 15.	01.02.2023	**Lower limb** – topographic elements of the lower limb.
		Reatake of the lower limb practical and theoretical tests - will take place during the first tutorial in the summer semester 2023/2024.