

Medicinski fakultet u Rijeci

IZVEDBENI NASTAVNI PLAN 2024/2025

Za kolegij

Anatomy

Studij:	Medical Studies in English (R) Sveučilišni integrirani prijediplomski i diplomski studij
Katedra:	Zavod za anatomiju
Nositelj kolegija:	izv. prof. dr. sc. Čelić Črnac Tanja, dr. med.
Godina studija:	1
ECTS:	22
Stimulativni ECTS:	0 (0.00%)
Strani jezik:	Mogućnost izvođenja na stranom jeziku

Podaci o kolegiju:

The course Anatomy is a compulsory course in the first year of the Integrated Undergraduate and Graduate University Study of Medicine in English. It consists of 56 hours of lectures, 40 hours of seminars, and 145 hours of practicals - overall 241 hours (22 ECTS).

Course objective

The basic aim of Anatomy is to provide the acquisition of knowledge about morphological and structural organization of the human body through the study of topographic and systematic anatomy. In detail, the course content encompasses the fundamentals of osteology, sindesmology, myology, as well as the basics of angiology and neurology. Additionally, the course covers the examination of bones, articulations, and muscles of the upper and lower limbs, as well of the head and trunk. Furthermore, detailed knowledge is elucidated regarding the topographical anatomy of various regions, such as the head and neck, including the regio temporalis, regio parotideomasseterica et retromandibular, regio palpebralis, regio faciei anterior (external nose, nasal cavity, and paranasal sinuses), fossa infratemporalis et pterygopalatina, cavum oris et trigonum submandibulare, trigonum caroticum, spatium parapharyngeum, regio colli media, regio colli lateralis, regio pectoralis et fossa axillaris, as well as the topographical anatomy of the upper limb (muscles, vessels, nerves, and lymph vessels), thorax, abdomen, lesser pelvis (including ventral abdominal wall and inguinal region, peritoneum and mesenteries, peritoneal cavity, extraperitoneal spaces, and the lesser pelvis), and the lower limb (muscles, vessels, nerves, and lymph vessels). In addition, the course covers the morphology of sensory organs, the spinal cord, spinal nerves, the brain, cranial nerves, brain vasculature, and meninges. Each student must obtain the skill in recognizing structures on the human cadaver specimen and the ability to use relevant anatomical nomenclature.

Course content:

General anatomy: basic principles of osteology, sindesmology, myology, angiology and neurology. Principles of organ structure. Structure and function of serous membranes. Anatomical nomenclature, main planes and axes in the body orientation.

Special anatomy: systemic and topographic anatomy of the upper and lower limb, cranium, head and neck, thorax, abdomen and pelvis. Morphology of the brain and spinal cord.

Course learning outcomes

I. Cognitive domain – knowledge

After having passed the Anatomy course, students should be able to:

1. define and choose adequate planes and axes for anatomical orientation
2. describe and explain the arrangement and position of organs in the body and their innervation and irrigation
3. describe, explain and connect general principles in the structure of organs with their function
4. describe and explain the systematic and topographical anatomy of the upper and lower extremities
5. define and explain the structure and relationships in the skeleton of the head
6. describe and explain the morphology of the central nervous system
7. define, describe and explain the systematic and topographical anatomy of the head and neck
8. describe and explain systematic and topographical anatomy of the chest, abdominal and pelvic cavity
9. demonstrate and self evaluate structures of human body on anatomical specimens

II. Psychomotor domain – skills

After having passed the Anatomy course, students should acquire the skills to identify and demonstrate anatomical structures on cadavers, as well as the ability to draw conclusions regarding the interrelationships of individual organs and structures within specific topographical regions.

Course design

For practicals and seminars, students are obliged to prepare in advance, because these parts of the course are designed as “flipped classrooms”. Seminars and practicals are designed to give students the opportunity to engage in the skillful articulation of anatomical structures, as well as to discuss the significance of anatomical knowledge within their future vocation as medical practitioners. Throughout the practical sessions, the instructor supervises and assesses the active involvement of students in carrying out the assigned exercises. Seminars demand dynamic discussions on the designated topics. During the course, knowledge is consistently evaluated through five periodic assessments (midterm exams), each

comprising of a practical segment on specimens, as well as an oral component. The schedule and course content are predetermined by the curriculum.

Popis obvezne ispitne literature:

Friedrich Paulsen, Tobias M. Böckers, Jens Waschke: Sobotta Anatomy Textbook, 1st Edition
Atlas of Anatomy (Sobotta or Gilroy)

Popis dopunske literature:

1. Richard L. Drake, A. Wayne Vogl, Adam W.M. Mitchell: Gray's Anatomy, third edition
2. Kieth L. Moore: Clinically Oriented Anatomy, seventh edition, 2013.

Nastavni plan:

Predavanja popis (s naslovima i pojašnjenjem):

L1. Overview of the executive curriculum, and student obligations.

Define regional and systemic anatomy, explain standard anatomical position, anatomical planes and terms for location and orientation. Define two subgroups of the skeleton, describe bone function, differentiate two types of bone, classify bones by shape, and describe how bone is structured and the vascularization and innervation of bones. Explain the development of the bones.

L2: Architecture of the human body. Anatomical Terms. Skeletal System

Define regional and systemic anatomy, explain the standard anatomical position, anatomical planes, and terms for location and orientation. Define two subgroups of the skeleton, describe bone function, differentiate two types of bone, classify bones by shape, and describe how bone is structured and the vascularization and innervation of bones. Explain the development of the bones.

L3: Joints - Synarthrosis.

Define syndesmology as an anatomical discipline. Define the types of joints between skeletal elements. Explain the division of synarthroses: syndesmoses, synchondroses, synostoses.

L4: Joints - obligatory and auxiliary structures of the joint.

Define a joint as a discontinuous joint. Explain the division and function of joints. Describe the spheroid joint - articulatio humeri.

L5. Basics of myology.

Define myology as an anatomical discipline. Define smooth, cardiac, and skeletal muscle. Define and describe skeletal muscles according to the shape and number of tendons. Describe the structure of skeletal muscle: perimysium, endomysium, epimysium. Define tendons and muscle belly. Describe the role, structure, and function of tendons. Describe and define the starting points and grips of muscles.

L6: Overview of the muscular system. General anatomy of skeletal muscles: types of muscles.

Divide the types of skeletal muscles. Describe the fascia

L7. Basics of angiology.

Define angiology as an anatomical discipline. Explain the structure and anatomical characteristics of blood vessels. Describe the small and large blood circulation. Outline the main arteries and veins.

L8. Lymph vessels. Lymphatic system.

Describe lymphatic vessels and nodes. Describe the lymphatic organs.

L9. Basics of peripheral nervous system neurology.

Define the nervous system, nervous tissue, and nerve cells. Define the peripheral nervous system and describe the structures that make it up: nerve and ganglion.

L10. Basics of peripheral nervous system neurology.

Define the nervous system, nervous tissue, and nerve cells. Define the peripheral nervous system and describe the structures that make it up: nerve and ganglion. To analyze the composition of nerve tangles for innervation of extremities, roots, branches, composition of nerve fibers, and innervation area.

L11. Nervus spinalis.

Describe and define the nervus spinalis. Distinguish between motor and sensory innervation. Describe the area of spinal nerve innervation. Define plexuses.

L12. Skin - innervation, dermatomes.

Describe the structure and function of the skin. Describe the receptors. Define and explain cutaneous innervation. Define dermatomes and radicular innervation.

L13. Knee joint - ligaments, joint capsule, movements.

Describe and name the bones that make up the knee joint, describe the parts of the joints, learn the anatomical nomenclature for joint structures, describe the movements performed in the joint, and determine the axes of the movement and the plane in which it is performed.

L14. Clinical lecture - knee joint.

Learn the importance of a good knowledge of anatomy as a basis for clinical judgment.

L15. Upright stance and gait.

Upright stance and gait.

L16. Upright stance and gait.

Upright stance and gait.

L17. Plexus lumbalis. Plexus sacralis

Describe and explain the sensory and motor innervation of the lower limb. Define plexuses. Describe and explain the peripheral nerves of the lower extremity.

L18. Lesions of spinal nerves

Learn the importance of a good knowledge of anatomy as a basis for clinical judgment.

L19. The spine

Describe the spine as a whole. Describe and define individual groups of vertebrae and their characteristics.

L20. Joints between vertebrae. The relationship between the head and the spine. Twists and movements of the spine.

Describe and state the types of joints between the vertebrae and describe the mobility of individual sections of the spine. Describe the joints of the spine and the junction of the base of the skull with the spine. Define and describe the curves of the spine.

L21. Basics of neurology of the central nervous system.

Describe and define the division and structure of the central nervous system. Describe the nerve cell, types of nerve cells, and supporting cells.

L22. Examination of the skeleton of the head. Bones of the neurocranium.

Define the bones that belong to the axial skeleton. Divide the bones of the head into the cerebral and visceral parts and the base and calvaria. Describe the basic principle of head bone development concerning the importance of the fontanel. Describe the bones of the neurocranium.

L23. Bones of the viscerocranium.

Define and describe the bones of the viscerocranium.

L24. Cavities of the viscerocranium

Describe the walls of the eye, nose, and mouth cavity. Explain the relationships and communications of the cavities with other spaces of the head. Describe the paranasal sinuses and their connection with the nasal cavity.

L25. Principles of organization and division of the central nervous system. Structure of the central nervous system. Definition of the autonomic nervous system. Brain and brain nerves

Describe and define the division and structure of the central nervous system. Describe the nerve cell, types of nerve cells, and supporting cells. Define a nerve and state the division. Define and explain the autonomic nervous system and its centers.

L26. Encephalon - division and development. General description of the brain. Examination of the cranial nerves.

Describe the development and division of the brain. Describe the parts of the brain. A brief overview of cranial nerves with reference to their functional division, nuclei, and outlets.

L27. Telencephalon, lobes, gyri and sulci.

Briefly describe the cerebrum, divide it into basic parts, and indicate their location.

L28. Chamber system.

Describe the chamber system, parts, walls, and communications. Describe the circulation of the cerebrospinal fluid.

L29. Head and neck regions. Neck fascia.

Describe the anatomical boundaries of the head and neck. Describe the location, interrelationship, and boundaries between the topographic regions of the head and neck. Describe the neck fascia and its leaves and the lodges closed by the leaves of the fascia.

L30. Trigonum caroticum. N.IX. Art. carotis communis.

Describe the boundaries and contents of the trigonum caroticum. Describe the common carotid artery and its branches. Describe IX. cranial nerve.

L31. Overview of the innervation of the head and neck.

Describe the principles of sensory, motor, and parasympathetic innervation of the head and neck organs. Describe the innervation of the facial skin. Describe n. trigeminus from the exit, its path, and relations to the surrounding structures. Describe the division of the nerve into three main branches.

L32. N.V.-2, N.V.-3.

Describe n. trigeminus from the exit, its path, and relations to the surrounding structures. Describe the division of the nerve into three main branches. Describe each branch of n. trigeminus, the area of its extension and innervation.

L33. Examination of blood vessels of the head and neck. A. maxillaris. A. subclavia.

Outline the arteries and veins of the head and neck. Area of provision and irrigation. Describe maxillaris and subclavian arteries, their branches, area of supply, and irrigation.

L34. V. jugularis interna. V. subclavia.

Describe the deep and subcutaneous veins of the head and neck. Describe the internal jugular vein and the subclavian vein, their supply area, tributaries, and drainage area.

L35. The principle of structure of a hollow and parenchymatous organ. Examination of head and neck organs.

Define splanchnology as an anatomical discipline. Clearly show the position and communications of the visceral organs of the head and neck. Describe the principles of structure of hollow and parenchymatous organs.

L36. Head and neck lymph. Waldeyer's lymphatic ring.

Describe and name lymphatic vessels and regional lymph nodes. Define the area of lymph drainage for individual organs of the head and neck. Describe the tonsils that participate in the construction of Waldeyer's lymphatic ring.

L37. Larynx. Phonation.

Show and describe the wall of the larynx, the communication openings, and the division of the cavity of the larynx. Describe the anatomical structures that participate in the construction of the larynx walls. Describe the motor, sensory and autonomic innervation of the larynx. Describe the mechanism of voice production and explain the function of the larynx muscles in voice production.

L38. Nervus vagus.

Describe n. vagus from the exit, its path, and relations to the surrounding structures. Describe the core n. vagus. Describe each branch of n. vagus and the area of its innervation.

L41: Internal ear.

Describe the bony labyrinth. Describe the membranous labyrinth. Identify the sensory surfaces of the membranous labyrinth and describe their position.

L42. Canalis nervi facialis. N. facialis - intrapetrous part. N. statoacousticus.

Describe the position and parts of the facial canal. Describe the relationship of the channel with the surrounding structures. List and explain the role of the intrapetrous branches of the facial nerve. Define and explain the position and role of the statoacoustic nerve. Describe nVIII nuclei.

L39: Eyeball - outer and middle eye layer

Describe the shape and parts of the eye membranes: outer eye membrane and its parts (sclera and cornea), middle eye membrane and its parts (choroid, ciliary body, and iris).

L40: Eyeball - the inner membrane of the eye. Internal muscles of the eye. Humor aqueus.

Describe the shape and parts of the eye membranes: inner eye membrane (pigment layer and retina). Explain the significance and function of the smooth muscles of the iris and the ray body. Define the content of the eyeball. Describe the production, flow, and drainage of aqueous humor from the eyeball

L43: General Description of the Thorax. Lungs. Pleural Cavities. Pleura.

Describe the external shape and the external and internal borders of the trunk according to the adjacent parts of the body. Divide the body cavities into thoracic, abdominal, and pelvic cavities, and describe the boundaries between them. Describe the serous membrane, and its sheets (parietal, visceral, and mesentery), and state the role of the serous membrane in organ fixation and its irrigation and innervation. Describe lungs and pleural cavities.

L44: General Description of the Thorax. Lungs. Pleural Cavities. Pleura.

Describe the external shape and the external and internal borders of the trunk according to the adjacent parts of the body. Divide the body cavities into thoracic, abdominal, and pelvic cavities, and describe the boundaries between them. Describe the serous membrane, and its sheets (parietal, visceral, and mesentery), and state the role of the serous membrane in organ fixation and its irrigation and innervation. Describe lungs and pleural cavities.

L45: Heart.

Describe the cardiac cavities and orifices, the flow of blood through the heart cavities and the mechanisms of opening and closing the heart valves using the valves.

L46: Heart.

Describe the cardiac cavities and orifices, the flow of blood through the heart cavities and the mechanisms of opening and closing the heart valves using the valves.

L47: Abdomen: General Description, Surface Topography - Nine-region Pattern, Walls, Abdominal and Peritoneal Cavity, Relation to Other Regions.

Describe the external shape and the external and internal borders of the abdomen according to the adjacent parts of the body. Define the abdominal cavity division into the peritoneal cavity and extraperitoneal spaces. Describe the peritoneum and its layers (parietal, visceral and mesentery). Describe the embryonic development of the organs in the abdominal cavity. Explain the main changes that take place in the process of development and the consequences that lead to the definitive placement of the organs in the peritoneal cavity.

L48: Abdomen: General Description, Surface Topography - Nine-region Pattern, Walls, Abdominal and Peritoneal Cavity, Relation to Other Regions.

Describe the external shape and the external and internal borders of the abdomen according to the adjacent parts of the body. Define the abdominal cavity division into the peritoneal cavity and extraperitoneal spaces. Describe the peritoneum and its layers (parietal, visceral and mesentery). Describe the embryonic development of the organs in the abdominal cavity. Explain the main changes that take place in the process of development and the consequences that lead to the definitive placement of the organs in the peritoneal cavity.

L49: Retroperitoneal Region: Posterior Abdominal Wall and Organs, Abdominal Aorta, Inferior Vena Cava, Lymphatic System.

Describe the posterior abdominal wall, describe and define retroperitoneal space and content of the space. Describe abdominal aorta and vena cava inferior.

L50: Retroperitoneal Region: Posterior Abdominal Wall and Organs, Abdominal Aorta, Inferior Vena Cava, Lymphatic System.

Describe the posterior abdominal wall, describe and define retroperitoneal space and content of the space. Describe abdominal aorta and vena cava inferior.

L51: Pelvis: General Description, Pelvic Walls and Floor, Pelvic Cavity

Describe the skeletal elements of the pelvic cavity, their joints and muscles. Describe the pelvic floor muscles. Describe the external and internal diameters of the pelvic cavity with special reference to the shape of the pelvic cavity in

women. Describe the irrigation and lymphatic drainage of the walls and contents of the pelvis.

L52: Pelvis: General Description, Pelvic Walls and Floor, Pelvic Cavity

Describe the skeletal elements of the pelvic cavity, their joints and muscles. Describe the pelvic floor muscles. Describe the external and internal diameters of the pelvic cavity with special reference to the shape of the pelvic cavity in women. Describe the irrigation and lymphatic drainage of the walls and contents of the pelvis.

L53: External Genital Organs - In Men and in Women. Perineal region.

Describe and explain male and female external genital organs.

L54: External Genital Organs - In Men and in Women. Perineal region.

Describe and explain male and female external genital organs.

L55: Visceral Innervation of Abdomen - Sympathetic and Parasympathetic Parts of the Autonomic Division of the Peripheral Nervous System.

Describe and explain sympathetic trunks, preganglionic and postganglionic sympathetic fibres and visceral afferent fibres, splanchnic nerves, abdominal prevertebral plexus, parasympathetic innervation and the enteric system.

L56: Visceral Innervation of Abdomen - Sympathetic and Parasympathetic Parts of the Autonomic Division of the Peripheral Nervous System.

Describe and explain sympathetic trunks, preganglionic and postganglionic sympathetic fibres and visceral afferent fibres, splanchnic nerves, abdominal prevertebral plexus, parasympathetic innervation and the enteric system.

Seminari popis (s naslovima i pojašnjenjem):

S1: Anatomical axes and planes. Osteology. (pg. 10, 12, 18-23).

Define major anatomical axes and planes. Define general concepts of bone structure and function and name the parts of bones. Describe the specific types of bones.

S2: Division of joints according to the shape and type of movements in the joint. Shoulder joint. (pg. 11-15, 23-33)

Define the types of joints based on the shape of the joint surfaces (spherical, cylindrical, ellipsoid...). Describe the movements. Describe joint surfaces, joint type, and movements in the shoulder joint.

S3. Function of a muscle in a joint movement. Agonist, antagonist, synergist. Auxiliary structures of muscle: fascia, bursae, vaginae synoviales. Muscle and tendon spindle.

Define the role that muscles play in the locomotor apparatus. Explain the function of the muscles in the joint. Define contraction. Describe the terms agonist, antagonist, and synergist. Define contraction. Describe the neuromuscular junction. Define the auxiliary structure of the muscles, i.e. the connective sheath or fascia. Describe the osteomuscular lodges. Describe the muscle and tendon spindle.

S4. Plexus brachialis.

Describe the brachial plexus, its roots, the way of formation, position, and relationship to other structures. Name and describe the peripheral nerves that come out of it.

S5. Blood vessels of the lower extremity.

Describe the femoral artery, the location of its branches, and the area of irrigation. To define the anastomoses in the area of its irrigation and the possibility of ligation of the arteries of the leg. Describe the subcutaneous and deep veins of the legs.

S6. Isolated bones of the cerebral part of the skull. Temporal bone - cavum tympani. Channels of the temporal bone.

Analyze the bones that make up the cerebral part of the skull. Describe the shape, basic features, main parts, and morphological characteristics of the frontal, sphenoid, temporal, and occipital bones. Describe the cavum tympani, define the shape of the space, and list the walls and their position. Describe the canals of the temporal bone.

S.7. Mandibula. Articulatio temporomandibularis. Teeth. Masticatory muscles.

Show, name, and describe the parts of the mandible. Describe the jaw joint (art. temporomandibularis). Show, name, and describe the differently shaped teeth (incisors, canines, premolars, and molars) of the permanent dentition. Describe the deciduous dentition. Outline and describe the muscles of mastication, and state their insertions and function.

S8. Centers of the autonomic nervous system. Examination of the gray matter of the brain stem.

Describe the deep gray matter of the brain stem - the nuclei of the brain nerves. Divide the nuclei into sensory, motor, and parasympathetic.

S9. Telencephalon. Telencephalon medium. Pallium. Deep gray and white masses of the end brain.

Describe the hemisphere, gray, and white matter. Enumerate the convolutions of the cerebrum. Name the deep gray masses of the hemispheres. Describe the telencephalon medium.

S10. Sheaths and blood vessels of the brain and spinal cord. Ventricles and cerebrospinal fluid. Circulation of cerebrospinal fluid. Subarachnoid space. Tanks.

Describe the ventricles of the brain. Describe the communication between the ventricles and the subarachnoid space and the circulation of the cerebrospinal fluid.

S11. Cranial nerves: N. glossopharyngeus (pg.454-455), N. vagus (pg.455-457), N. hypoglossus (pg.457-458), N. accessorius (pg.457). Sympathicus of the head and neck.

Describe the nuclei in the brain stem, the types of fibers, the area of innervation, and the course and branching of the nerves for the innervation of the head and neck: nn. craniales (n. IX, n. X, n. XI, n. XII), and describe the cervical part of the truncus sympathicus.

S12. Nerves of the head and neck - N.III, N.V-1, N.VII., Ganglion ciliare, oticum, pterygopalatinum and submandibular.

Describe the nuclei in the brain stem, the types of fibers, the area of innervation, and the course and branching of the nerves for the innervation of the head and neck: nn. craniales (n. III, n.V-1, n.VII), and describe the parasympathetic ganglia of the head and neck, name their preganglionic and postganglionic fibers as well as the area of innervation.

S13. Parasympathetic innervation of head and neck. N. vagus. Parasympathetic ganglia.

Describe n. vagus from the exit, its path, and relations to the surrounding structures. Describe the core n. vagus. Describe each branch of n. vagus and the area of its innervation.

S15. Outer and middle ear.

Describe the parts of the external ear: pinna and ear canal and parts of the middle ear: eardrum, auditory ossicles and joints, mastoid cavities, and Eustachian tube. Discuss the sensory innervation of the skin and mucous membrane of the outer and middle ear and the motor innervation of the stapedius and tensor tympani muscles.

S14. Auxiliary organs of the eye. Blood vessels and nerves of the orbit.

Describe the eyelids, lacrimal apparatus, and eye muscles. Describe the nuclei in the brain stem, the types of fibers, the area of innervation, and the course and branching of the nerves of the orbit: n. II, n. III, n. IV and n. V. Describe the origin, course, collateral, and terminal branches of the a. ophthalmica. Describe the origin, course, and anastomoses of v. ophthalmica superior.

S16: Conduction system and innervation of the heart, coronary blood vessels, veins and lymphatic of the heart (pg.269-274). Pericardium (266-267)

Describe coronary vasculature, cardiac veins and coronary lymphatics as well as recognize and show the right coronary artery, left coronary artery and coronary sinus. Explain and describe the cardiac plexus. Define margins of the heart and heart sounds. Describe pericardium.

S17: Abdominal Walls, Peritoneal Cavity, Boundaries and Content. Development of abdominal viscera. Serous membranes. (pg.303, 304, 310).

Describe the abdominal wall and peritoneal cavity. Define and describe the location of abdominal organs and their surface anatomy. Explain the development of the abdominal viscera. Describe the serous membrane and its main parts.

S18: Vessels and nerves of the abdominal cavity.

Describe the blood and lymphatic vessels of the abdominal cavity. Define the area of irrigation of individual organs of

the abdominal cavity.

S19: Female internal genital organs.

Define the organs that form the female reproductive system. Describe the shape and structure of the ovaries, fallopian tubes, uterus and birth canal.

S20: Male internal genital organs.

Define the organs that form the male reproductive system. Describe the shape and structure of the testicles, epididymis, vas deferens, seminal vesicles, prostate and ejaculatory tubes.

Vježbe popis (s naslovima i pojašnjenjem):

P1: Bones of the shoulder girdle. Humerus. (pg.145-146, 150)

Students will orientate and describe bones, describe specific parts of bones and show each bone structure.

P2: Bones of the forearm. Bones of hand. (pg. 156, 159-160)

Orientate and describe bones, describe specific parts of bones and show each bone structure.

P3: Joints and ligaments of the shoulder girdle, shoulder joint.

Students will describe the joint, its movement and function, articular surfaces, joint capsule, and joint accessories.

P4: Shoulder girdle muscles, shoulder muscles and upper arm muscles. Review of shoulder joint and shoulder girdle joints and elbow joint. (pg. 148-149, 152-155, 157-159)

Describe the origin, attachment, and function of muscles. Note which joints the muscles cross and describe movements in these joints.

P5: Muscles of the forearm and hand. Auxilliary structure of muscles (pg.164-169, 170-173)

Describe the origin, attachment and function of muscles. Note which joints the muscles cross and describe movements in these joints.

P6: Nerves of the upper extremity. (pg.174-184). Anatomage.

Define nerve origin, path, branches, topography, and innervation area.

P7: Arteries and veins of the upper extremity. Lymph vessels of the upper extremity. Topographically important aspects of upper extremity. Review of upper extremity. Anatomage. (Sobotta pages: 186-194)

Define the origin of each blood vessel, its path, branches, topography, and irrigation area. Describe lymphatics of the upper limb and their drainage point. Describe structures in the trigonum clavipectoreale, axillary cavity, spaces and triceps groove, cubital fossa, carpal tunnel, and GUYON's canal. Describe the main points of the surface anatomy of the upper limb.

P8: Bones: Pelvis. Thigh bone. (pg.198-200, 202-203) Tibia and fibula. Patella.

Describe bones, describe specific parts of bones and show each bone structure, describe the pelvis and thigh bone and show each bone structure. Describe the tibia, fibula and patella, talus and calcaneus, main characteristics of metatarsal bones and phalanges and show each bone structure.

P9: Pelvic joints. Hip joint. Knee joint.

Describe the joint, its movement and function, describe articular surfaces, the joint capsule (synovial and fibrous membrane) and joint accessories. Show each joint structure.

P10: Bones of foot. Ankle joint. Joints of the foot. The arch of the foot. (pg.210-202, 203-205, 211- 215, 220-225)

Describe the joint, its movement and function, articular surfaces, the joint capsule (synovial and fibrous membrane) and joint accessories. Show each joint structure.

P11: Muscles of the gluteal region. Muscles of the thigh. Review of pelvic joints, hip joint and knee joint. (pg.205-209, 216-218)P11: Muscles of the gluteal region. Muscles of the thigh. Review of pelvic joints, hip

joint and knee joint. (pg.205-209, 216-218)

Describe the origin, attachment and function of muscles. Define joints the muscles cross and describe movements in these joints.

P12: Muscles of the leg. Muscles of the foot. Review of knee and ankle joint. (pg.225-231)

Describe the origin, attachment and function of muscles. Define which joints the muscles cross and describe movements in these joints.

P13: Nerves of the lower extremity (pg.231-238). Anatomage.

Define nerve origin, its path, branches, topography and innervation area.

P14: Arteries of lower extremity. Lymph vessels of the lower extremity (pg.239-246). Topographically important aspects of lower extremity (pg.246-249). Anatomage.

Define the origin of each blood vessel, its path, branches, topography and irrigation area. Describe the fascia of the lower limb and the saphenous opening. Describe structures in the lacuna musculorum and lacuna vasorum, femoral triangle and adductor canal, gluteal region and the popliteal fossa. Describe the main points of surface anatomy of the lower limb.

P15: Vertebrae. Basis crani interna (pg. 114-126; 412-414)

Show and describe the parts of a typical vertebra. Analyze the group characteristics of cervical, thoracic, and lumbar vertebrae. Show and describe real vertebrae with special features. Show, name and describe the bones that construct the inner surface of the base of the skull. Show the borders between the front, middle, and back cranial fossa. For each cranial fossa, show and describe the bones and parts of the bones that participate in the construction of the specific fossa. Show the communication openings and determine the cavities or regions they communicate with. Describe and show the bones or parts of bones that participate in the construction of the skull roof or calvary.

P16: Base of the skull - outer surface (pg.416-418)

Show, name, and describe the bones that construct the outer surface of the base of the skull. Show the borders between the front, middle, and back fields of the external skull base. For each field, show and describe the bones and parts of the bones that participate in its construction. Show the communication openings and determine the cavities or regions they communicate with.

P17: Orbita (pg.421 - 422), bony elements of the nasal (pg.495-498), and oral cavity (pg.504). Paranasal sinuses.

Describe the bony structures of the orbital, nasal, and oral cavities. Show the major points of penetration, foramina, fissures, and impressions.

P18: Maxilla, mandible, teeth, lingual bone, fossa temporalis, fossa infratemporalis, fossa pterygopalatina.

Describe the bony walls and communications of the lateral parts of the skull (fossa infratemporalis, fossa pterygopalatina, fossa temporalis). Describe the parts of the maxilla and mandible. Describe teeth, and parts of teeth, recognize and name teeth, classify them, and name tooth surfaces. Describe the primary and permanent dentition.

P19: Spinal cord. Cerebellum. Brain stem. The fourth ventricle.

Show and describe the external shape of the spinal cord. Show and describe the spinal nerves. Show and describe the external shape, parts, and internal structure of the cerebellum. Show and describe the external form of the medulla oblongata, pons, and midbrain. Show the fourth chamber and describe its walls.

P20: Diencephalon (pg.597-598) - overview, position and external shape (pg.656- 657) Epithalamus (pg.657-658). Thalamus - overview (pg.658-659). Hypothalamus - overview and classification (660-661). Subthalamus (pg.664). Pituitary gland (pg.663-664). Ventriculus tertius (pg.608-609)

Show the external structure of the distinct parts of diencephalon as well as name some of the nuclei of the distinct parts of diencephalon.

P21: Telencephalon. Ventriculus lateralis. Anatomage - recognize structures on brain sections - frontal, horizontal

Show and describe the outer shape of the hindbrain. Show the lateral chamber and describe its walls.

P22: Repetition of central nervous system morphology. Integration of knowledge on cranial nerves with

skull base openings and regions of the head. Anatomage.

Repetition of central nervous system morphology. Integration of knowledge on cranial nerves with skull base openings and regions of the head.

P23: Surface anatomy of the neck (pg.533-534), Regions of the neck and neck triangles (pg.534) , Musculoskeletal system of the neck (pg.534-541).

Show and describe the boundaries of the region, the content of the region, and communications with neighboring regions.

P24: Cervical fascia and connective tissues spaces (pg.541-545). Regions of the neck and neck triangles (pg.534) - trigonum caroticum, spatium parapharyngeum. Nerves of the neck (pg. 550-557).

Show and describe the outer hard and soft brain and meninges. Show and name the blood vessels that irrigate the brain (a. carotis interna and branches and a. vertebralis and branches) and the spinal cord.

P25: Deep lateral facial region (pg.439-443)- Fossa infratemporalis. Fossa pterygopalatina. Masticatory apparatus: teeth (pg.506-512), masticatory muscles (pg.512-514), temporomandibular joint (pg.514-516)

Show and describe the boundaries of the region, the content of the region and communications with neighboring areas. Describe the mandible's temporomandibular joint and movements, and explain the origin, insertion, innervation, and function of the masseter and pterygoid muscles.

P26: Face and facial soft tissue (pg.428-436). Superficial lateral facial region (pg.436-439), Parotidomasseteric region. Retromandibular fossa.

Show and describe the boundaries of the region, the content of the region, and communications with neighboring regions.

P27: Superficial neck layer. Lateral triangle of the neck. Arteries of the neck: A. carotis communis, A. subclavia (pg. 545-548). Veins of the neck (pg. 548-550). Lymph nodes of the neck (pg. 557-559).

Show and describe the boundaries of the region, the content of the region and communications with neighboring regions.

P28: Scalp (pg.425-428), superficial neck layer, Back musculature - deep back muscles (pg. 105-112)

Show and describe the boundaries of the region, the content of the region, and communications with neighboring regions. Explain and define back musculature. Show superficial back muscles. Describe innervations and irrigation of back muscles.

P29: Oral cavity (pg. 503-505), Tongue (pg. 516-520), Floor of the mouth (pg. 524-526), Lymphatics (pg. 526), Salivary glands (pg. 526-530), Palate (520-523)

Define the walls of the oral cavity, the communication openings and the division of the cavity. Describe the anatomical structures that participate in the construction of the walls of the oral cavity. Describe motor, sensory and autonomic innervation of the walls. Show and describe the tongue and its structures. Explain and describe salivary glands and their openings in the oral cavity.

P30: Pharynx (pg. 575-579). Oesophagus.

Show the walls of the pharynx, the communication openings and the division of the cavity. Describe the anatomical structures that participate in the construction of the pharynx walls. Describe the motor, sensory and autonomic innervation of the pharynx walls.

P31: Nose overview (pg. 492), External nose (pg. 493-494), Nasal cavities (pg. 495-499), Paranasal sinuses (pg. 499-500), Vascular, lymphatic and nervous system of nose (pg. 500-502), N. olfactorius (pg. 444)

Show and describe the walls of the nasal cavity, the communication openings and the division of the cavity. Describe the anatomical structures that participate in building the walls of the nasal cavity. Describe the sensory and autonomic innervations of the mucous membrane of the nasal cavity. Describe and show the position of the paranasal cavities and show the communicating drainage openings into the nasal cavity. Explain n. olfactorius.

Learning Outcomes for the Course "Anatomy"

Define the basic structure and function of the nose

- Students will be able to identify and describe the fundamental structures and functional aspects of the external part of the nose.

Analyze the anatomical organization of nasal cavities

- Students will be able to deconstruct and explain the structural complexity and significance of nasal cavities in the context of the overall respiratory system.

Understand the role, position, and function of the paranasal sinuses

- Students will be able to explain the physiological functions of the paranasal sinuses and their connection with the nasal cavities.

Identify and describe the vascular, lymphatic, and nervous systems of the nose

- Students will be able to recognize and anatomically locate the vascular, lymphatic, and nervous networks that supply the nose.

Explain the significance and pathways of the olfactory nerve

- Students will develop the ability to narrate and explain the anatomical pathways and function of the cranial nerve responsible for the sense of smell.

P32: Larynx, overview (pg. 563), Laryngeal skeleton (cartilages, ligaments, joints, muscles) (pg. 564-574), Thyroid and parathyroid glands (pg. 559-562)

Identify and describe the larynx, and define the composition of the larynx. Describe laryngeal cartilages, ligaments, and joints. Explain the cavity of the larynx, origin, insertion, innervation and function of the intrinsic muscles of the larynx. Understand the function of the larynx during respiration, phonation, effort closure and swallowing. Explain irrigation, lymphatic drainage and innervation of the larynx. identify and describe thyroid and parathyroid glands.

P33: Accessory apparatus of the eye

Show and describe the upper and lower eyelids. Describe the conjunctive. Show and describe the structures of the lacrimal apparatus. Show and describe the external muscles of the eyeball, describe their function and innervation. Show the blood vessels and nerves of the orbit.

P35: Review of head and neck.

Define head and neck organs and regions and their relationships. Explain the content of each region. Describe the pathway of blood vessels and nerves regarding the regions and topography.

P37: Bony thorax and joints (pg.132-137). Muscles of the thorax. Innervation and irrigation of thoracic wall. Breast.

Describe the pectoral region and show the boundaries and contents of this region. Explain the breast and the function of the muscles of the pectoral region as well as recognize these muscles and show their origin and attachments to bones. Define and describe the ribs, and the sternum. Explain the movement and function of the intercostal joints. Explain and describe the attachment and function of the diaphragm and muscles of the thoracic wall.

P38. Trachea and lungs (pg.274-282), Pleura. Pleural cavities and breathing (pg. 289-290). Diaphragm (pg.87-90).

Describe the lung and show structures entering the hilum of the lung. Define the topography of the lungs, and branching of the bronchial tree. Define irrigation of lungs.

P39: Heart (pg.255-268). Pericardium

Describe the inner and outer surface of the heart, and explain the wall layers of the heart. describe and explain the pericardial sac. Describe the location, structure and function of the heart skeleton. Explain the structure, function and projection of the heart valves.

P40: Oesophagus and thymus (pg.282-288); Mediastinum (pg.288; 294-298). Content of the mediastinum

Define the superior mediastinum and its contents. Recognize and show the pulmonary trunk and ascending aorta. Describe the thymus, right and left brachiocephalic veins, superior vena cava, and arch of the aorta. Explain and describe the topography and irrigation of those blood vessels. Identify and explain vagus and phrenic nerves, their path, branches and innervation area. Describe and explain posterior mediastinum and its contents esophagus, thoracic aorta, azygos system of veins, thoracic duct and sympathetic trunk.

P41: Abdominal wall muscles, function, irrigation, innervation. Inguinal canal.

Describe and demonstrate the muscles, vessels and nerves of the abdominal wall. Describe and demonstrate the position and content of the inguinal canal. Describe the structures of funiculus spermaticus.

P42: Peritoneum. Abdominal organs: stomach, small and large intestine. (pg.340-343, 302-322)

Describe and demonstrate the structure, morphology and topography of the stomach, small and large intestine.

P43: Abdominal organs: liver, gallbladder, pancreas, spleen. (pg.322-340)

Describe and demonstrate the structure, morphology and topography of the liver, gallbladder, pancreas and spleen.

P44: Vessels and nerves of the peritoneal cavity. (pg.343-348)

Demonstrate the vessels and nerves of the peritoneal cavity.

P45: Posterior abdominal region: walls,kidney, ureter, suprarenal glands. (pg.93-98,352-361)

Explain and demonstrate the muscles, vessels and nerves of the posterior abdominal wall. Describe and demonstrate the position and branches of the abdominal aorta as well the structure, morphology, and topography of the kidney, ureter and suprarenal glands.

P46: Content and relations of female pelvis. Female internal genital organs, blood vessels, lymphatic and nerves. (pg.371-383)

Explain and describe the structure, morphology and topography of the rectum, bladder and urethra.

P47: Content and relations of male pelvis. Male internal genital organs.

Explain and demonstrate, name and describe the structure, and parts of male internal genital organs.

P48: External genital organs, blood vessels, lymphatic and nerves (pg.383-392) Perineal region. Review thorax, abdomen, and pelvis. (pg.402-406)

P48: Practical and theoretical revision of abdomen thorax pelvis.

P: Joints and ligaments of the elbow joint, and hand joints.

Students will describe the joint, its movement, and function, articular surfaces, joint capsule, and joint accessories.

P34. Topography of head and neck. Anatomage.

Learning outcomes:

Identify the basic anatomical structures of the head and neck using the anatomical model.

Participants will be able to recognize and mark key anatomical structures on the head and neck model, developing a fundamental understanding of anatomical relationships.

Explain the functional relationships between anatomical structures.

Students will be able to describe how individual parts of the head and neck function together, emphasizing their role in the overall system of the body.

Apply acquired knowledge in identifying topographic features of the head and neck.

Students will use their knowledge of anatomical structures and their positions to recognize and illustrate topographic characteristics.

Analyze potential clinical scenarios related to the head and neck.

Through the analysis of practical cases, students will be capable of identifying and critically evaluating clinical situations related to the anatomy of the head and neck.

Evaluate the importance of topographic understanding for medical practice.

Students will be able to appraise how crucial the knowledge of topographic features is for accurate diagnosis and

treatment in medical practice.

Obveze studenata:

1. Regular attendance at classes (lectures, seminars, practicals).
2. Preparation for seminars and practicals by studying certain teaching content according to the implementation curriculum.
3. Use of protective equipment and instruments: mandatory use of a protective coat (white), anatomical tweezers and probe, optional use of protective latex gloves, mask, visor, or protective glasses and cap. Please properly dispose of the used work equipment in the designated place. Do not bring food and drink into the anatomy classrooms.
4. Careful handling of anatomical specimens and spaces where all forms of teaching take place.
5. It is forbidden to take photographs, take specimens outside the premises of the Institute of Anatomy, and alienate anatomical specimens and instruments of the Anatomy Department. A disciplinary procedure will sanction any misconduct.
6. Adherence to good academic behavior practices in dealing with fellow students, staff, and the Department of Anatomy teachers.
7. It is compulsory to follow and act by notifications and rules regarding attendance, absence, midterm exams, corrections of midterm exams, final exams, etc., which will be presented at the first lecture.

Ispit (način polaganja ispita, opis pisanog/usmenog/praktičnog dijela ispita, način bodovanja, kriterij ocjenjivanja):

Student grading will be conducted according to the current Ordinance on Studies of the University of Rijeka (approved by the Senate) and the Ordinance on Student Grading at the Faculty of Medicine in Rijeka (approved by the Faculty Council).

During the classes of Anatomy, a student can achieve a maximum of 50% (50 points) of their final grade, while the remaining 50% (50 points) of the grade is obtained at the final exam, as follows:

Midterm exam I - MS	6 points
Midterm exam II - MI	6 points
Midterm exam III - CR/CNS	10 points
Midterm exam IV - CC	14 points
Midterm exam V - AT	14 points
Total (classes)	50 points
Final exam	50 points
Total (course)	100 points

A. Midterm exams consist of a practical and an oral part. The practical part is evaluating the knowledge of anatomical specimens, assessing the practical skills of finding and showing anatomical structures, as well as knowledge of the Latin nomenclature of anatomical structures. On a practical part, students must **recognize at least 8 out of 10 structures** to pass. **The bone orientation is an obligatory practical question and can not be failed.** Passing the practical part of the midterm is a prerequisite for joining the oral part of the midterm. Each part must be evaluated positively to pass the midterm exam! If a student does not approach the oral part after completing the practical part, the whole midterm is marked as 'insufficient (1).

Midterm exams are evaluated according to the table:

	PRACTICAL AND ORAL	
	grade	points
UPPER EXTREMITY - MS	excellent (5)	6
	very good (4)	5
	good (3)	4
	sufficient (2)	3
	insufficient (1)	0
LOWER EXTREMITY - MI	excellent (5)	6
	very good (4)	5
	good (3)	4
	sufficient (2)	3
	insufficient (1)	0
CRANIUM, CENTRAL NERVOUS SYSTEM - CR/CNS	excellent (5)	10
	very good (4)	8
	good (3)	7
	sufficient (2)	5
	insufficient (1)	0

HEAD AND NECK - CC	excellent (5)	14
	very good (4)	12
	good (3)	10
	sufficient (2)	7
	insufficient (1)	0
THORAX, ABDOMEN AND PELVIS - AT	excellent (5)	14
	very good (4)	12
	good (3)	10
	sufficient (2)	7
	insufficient (1)	0

The Midterm exams will be held on the dates noted below. The exact time and the venues will be announced later.

- **MIDTERM 1 (upper extremity) - 29/10/2024 and 31/10/2024**
- **MIDTERM 2 (lower extremity) - 03/12/2024 and 05/12/2024**
- **MIDTERM 3 (cranium, CNS) - 29/01/2024**
- **MIDTERM 4 (head and neck) - 14/04/2025**
- **MIDTERM 5 (thorax, abdomen, and pelvis) - 03/06/2025 and 05/06/2025**

Corrections of the midterm exams

Students can access the corrections of the midterm exams if they did not pass them during the regular midterm, or are not satisfied with the obtained points. If a student retakes the midterm exam because they are unsatisfied with the obtained grade points, only the grade points received at the retaken midterm exam(s) will be considered valid. Suppose the student passes the practical part of the midterm exam during the regular midterm and fails the oral part. In that case, he can retake the oral part of the midterm separately, without redoing the practical part. Students can correct each midterm exam (I - V) during the retake exam dates only once!

The dates of retake midterm exams are following:

14.02.2025., 27.02.2025., 11.06.2025., 26.06.2025. and 10.07.2025.

On these dates, students can apply for any midterm exam regardless of the topic and apply for more than one retake exam on each date. Students are obligated to apply for the correction/s of the midterm exams. Suppose students apply for the correction/s of the midterm exam and decide that they will not be able to access it. In that case, they must personally cancel it (via email or in-person at the Department's administrator's office) at the latest until one work day before the term of the midterm exam/s until noon. If a student does not personally cancel the application for the correction/s of the midterm exams, and then doesn't approach the midterm correction/s, their final score for that/those midterm exams will be 0 points.

B. Final exam

Only students who have achieved at least 25 points during the course can take the final exam in Anatomy. Students with less than 25 points earned during the course must enroll in the course Anatomy again in the next academic year. If a student obtains 25 grade points during classes, but without passing one or more midterm exams, he must approach the practical parts of those midterm exams during the final exam. Passing all practical parts is one of the prerequisites for taking the final exam. In case the student does not pass the practical during the final exam, the exam is graded as insufficient. The final exam is oral.

The final exam is evaluated according to the scheme:

Grade	Points
Excellent (5)	50
Very good (4)	41
Good (3)	33
Sufficient (2)	25

The final grade consists of the sum of points gained during the course and at the final oral exam. Grading within the ECTS grading system is carried out with an absolute distribution, i.e. based on the final achievement:

A – 90 - 100% EXCELLENT (5)

B – 75 - 89,9% VERY GOOD (4)

C – 60 – 74,9% GOOD (3)

D -- 50 - 59,9% SUFFICIENT (2)

Final exam dates	
1.	20.06.2025.
2.	04.07.2025.
3.	18.07.2025.
4.	05.09.2025.
5.	19.09.2025.

Ostale napomene (vezane uz kolegij) važne za studente:

Academic honesty

It is expected that all students and teachers follow the code of academic honesty in accordance with the Code of Ethics for the students of the Faculty of Medicine at the University of Rijeka.

Consultations

Consultations are organized in agreement with the teacher.

Contact information

For all questions and concerns, students are encouraged to contact us by e-mail (mia.medic@medri.uniri.hr; tanja.celic@medri.uniri.hr) or personally.

SATNICA IZVOĐENJA NASTAVE 2024/2025

Anatomy

Predavanja (mjesto i vrijeme / grupa)	Vježbe (mjesto i vrijeme / grupa)	Seminari (mjesto i vrijeme / grupa)
30.09.2024		
L1: Overview of the executive curriculum, and student obligations.: • P08 (12:15 - 14:00) ^[135] ◦ A_341 L2: Architecture of the human body. Anatomical Terms. Skeletal System: • P08 (12:15 - 14:00) ^[135] ◦ A_341		S1: Anatomical axes and planes. Osteology. (pg. 10, 12, 18-23).: • P08 (14:00 - 16:00) ^[1197] ◦ Sem1 • P09 - NASTAVA NA ENGLSKOM JEZIKU (14:00 - 16:00) ^[134] ◦ Sem2
izv. prof. dr. sc. Arbanas Juraj, dr. med. ^[1197] · prof. dr. sc. Marić Ivana, dr. med. ^[134] · izv. prof. dr. sc. Čelić Črnac Tanja, dr. med. ^[135]		
01.10.2024		
	P1: Bones of the shoulder girdle. Humerus. (pg.145-146, 150): • Zavod za anatomiju - Sala 1 (08:15 - 10:30) ^[2273] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) ^[1197] ^[3292] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) ^[2273] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) ^[1197] ◦ V4	
izv. prof. dr. sc. Arbanas Juraj, dr. med. ^[1197] · Uzelac Matija ^[3292] · Veljanovska Diana, mag. physioth. ^[2273]		
03.10.2024		
	P2: Bones of the forearm. Bones of hand. (pg. 156, 159-160): • Zavod za anatomiju - Sala 1 (08:15 - 10:30) ^[1197] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) ^[2273] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) ^[1197] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) ^[2273] ◦ V4	
izv. prof. dr. sc. Arbanas Juraj, dr. med. ^[1197] · Veljanovska Diana, mag. physioth. ^[2273]		
07.10.2024		

L3: Joints - Synarthrosis.: • P08 (12:00 - 14:00) ^[135] ◦ A_341 L4: Joints - obligatory and auxiliary structures of the joint.: • P08 (12:00 - 14:00) ^[135] ◦ A_341		S2: Division of joints according to the shape and type of movements in the joint. Shoulder joint. (pg. 11-15, 23-33): • P08 (14:00 - 16:00) ^[135] ◦ Sem1 • P07 (14:00 - 16:00) ^[1197] ◦ Sem2
izv. prof. dr. sc. Arbanas Juraj, dr. med. ^[1197] · izv. prof. dr. sc. Čelić Črnac Tanja, dr. med. ^[135]		
08.10.2024		
	P3: Joints and ligaments of the shoulder girdle, shoulder joint.: • Zavod za anatomiju - Sala 1 (08:15 - 10:30) ^[2273] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) ^[1197] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) ^[2273] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) ^[1197] ◦ V4	
izv. prof. dr. sc. Arbanas Juraj, dr. med. ^[1197] · Veljanovska Diana, mag. physioth. ^[2273]		
10.10.2024		
	P: Joints and ligaments of the elbow joint, and hand joints.: • Zavod za anatomiju - Sala 1 (08:15 - 10:30) ^{[1197] [3273]} ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) ^[2273] ◦ V2 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) ^[1197] ◦ V3 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) ^[2273] ◦ V4	
izv. prof. dr. sc. Arbanas Juraj, dr. med. ^[1197] · Fučić Mariana ^[3273] · Veljanovska Diana, mag. physioth. ^[2273]		
14.10.2024		
L5. Basics of myology.: • P08 (12:00 - 14:00) ^[135] ◦ A_341 L6: Overview of the muscular system. General anatomy of skeletal muscles: types of muscles.: • P08 (12:00 - 14:00) ^[135] ◦ A_341		S3. Function of a muscle in a joint movement. Agonist, antagonist, synergist. Auxiliary structures of muscle: fascia, bursae, vaginae synoviales. Muscle and tendon spindle.: • P05 (14:00 - 16:00) ^[1197] ◦ Sem1 • P07 (14:00 - 16:00) ^[135] ◦ Sem2
izv. prof. dr. sc. Arbanas Juraj, dr. med. ^[1197] · izv. prof. dr. sc. Čelić Črnac Tanja, dr. med. ^[135]		
15.10.2024		

	P4: Shoulder girdle muscles, shoulder muscles and upper arm muscles. Review of shoulder joint and shoulder girdle joints and elbow joint. (pg. 148-149, 152-155, 157-159): • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [2273] [3292] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [1197] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [2273] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1197] ◦ V4	
izv. prof. dr. sc. Arbanas Juraj, dr. med. [1197] · Uzelac Matija [3292] · Veljanovska Diana, mag. physioth. [2273]		
17.10.2024		
	P5: Muscles of the forearm and hand. Auxilliary structure of muscles (pg.164-169, 170-173): • Zavod za anatomiju - Sala 4 (08:15 - 10:30) [1197] [3292] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [2273] ◦ V2 • Zavod za anatomiju - Sala 4 (10:45 - 13:00) [1197] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [2273] ◦ V4	
izv. prof. dr. sc. Arbanas Juraj, dr. med. [1197] · Uzelac Matija [3292] · Veljanovska Diana, mag. physioth. [2273]		
21.10.2024		
L7. Basics of angiology.: • P08 (12:15 - 14:00) [135] ◦ A_341 L8. Lymph vessels. Lymphatic system.: • P08 (12:15 - 14:00) [135] ◦ A_341		S4. Plexus brachialis.: • P08 (14:00 - 16:00) [135] ◦ Sem1 • P09 - NASTAVA NA ENGLSKOM JEZIKU (14:15 - 16:00) [1197] ◦ Sem2
izv. prof. dr. sc. Arbanas Juraj, dr. med. [1197] · izv. prof. dr. sc. Čelić Črnac Tanja, dr. med. [135]		
22.10.2024		

	P7: Arteries and veins of the upper extremity. Lymph vessels of the upper extremity. Topographically important aspects of upper extremity. Review of upper extremity. Anatomage. (Sobotta pages: 186-194): • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [135] [3273] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [1197] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [135] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1197] ◦ V4	
izv. prof. dr. sc. Arbanas Juraj, dr. med. [1197] · Fučić Mariana [3273] · izv. prof. dr. sc. Čelić Črnac Tanja, dr. med. [135]		
24.10.2024		
	P6: Nerves of the upper extremity. (pg.174-184). Anatomage.: • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [1197] [3273] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [2274] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1197] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [2274] ◦ V4	
izv. prof. dr. sc. Arbanas Juraj, dr. med. [1197] · Fučić Mariana [3273] · Čulev Bojana, dr. med. dent. [2274]		
04.11.2024		
L9. Basics of peripheral nervous system neurology.: • P08 (12:15 - 14:00) [135] ◦ A_341 L11. Nervus spinalis.: • P08 (12:15 - 14:00) [135] ◦ A_341		
izv. prof. dr. sc. Čelić Črnac Tanja, dr. med. [135]		
05.11.2024		

	P8: Bones: Pelvis. Thigh bone. (pg.198-200, 202-203) Tibia and fibula. Patella.: • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [2273] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [1197] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [2273] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1197] ◦ V4	
izv. prof. dr. sc. Arbanas Juraj, dr. med. [1197] · Veljanovska Diana, mag. physioth. [2273]		
07.11.2024		
	P9: Pelvic joints. Hip joint. Knee joint.: • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [1197] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [2273] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1197] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [2273] ◦ V4	
izv. prof. dr. sc. Arbanas Juraj, dr. med. [1197] · Veljanovska Diana, mag. physioth. [2273]		
11.11.2024		
L11. Nervus spinalis.: • P08 (12:00 - 14:00) [135] ◦ A_341 L12. Skin - innervation, dermatomes.: • P08 (12:00 - 14:00) [135] ◦ A_341		
izv. prof. dr. sc. Čelić Črnac Tanja, dr. med. [135]		
12.11.2024		
	P10: Bones of foot. Ankle joint. Joints of the foot. The arch of the foot. (pg.210-202, 203-205, 211-215, 220-225): • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [2273] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [1197] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [2273] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1197] ◦ V4	

14.11.2024

	P11: Muscles of the gluteal region. Muscles of the thigh. Review of pelvic joints, hip joint and knee joint. (pg.205-209, 216-218) P11: Muscles of the gluteal region. Muscles of the thigh. Review of pelvic joints, hip joint and knee joint. (pg.205-209, 216-218): • Zavod za anatomiju - Sala 1 (08:15 - 10:30) ^[1197] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) ^[2273] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) ^[1197] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) ^[2273] ◦ V4	
--	--	--

19.11.2024

	P12: Muscles of the leg. Muscles of the foot. Review of knee and ankle joint. (pg.225-231): • Zavod za anatomiju - Sala 1 (08:15 - 10:30) ^[1199] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) ^[1197] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) ^[1199] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) ^[1197] ◦ V4	
--	--	--

21.11.2024

L13. Knee joint - ligaments, joint capsule, movements.: • P01 (13:15 - 15:00) ^[1197] ◦ A_341 L15. Upright stance and gait.: • P01 (13:15 - 15:00) ^[1197] ◦ A_341	P13: Nerves of the lower extremity (pg.231-238). Anatomage.: • Zavod za anatomiju - Sala 1 (08:15 - 10:30) ^[1197] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) ^[2274] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) ^[1197] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) ^[2274] ◦ V4	
--	---	--

25.11.2024

L17. Plexus lumbalis. Plexus sacralis: • P08 (08:00 - 10:00) ^[135]^[1600] ◦ A_341 L18. Lesions of spinal nerves: • P08 (08:00 - 10:00) ^[135]^[1600] ◦ A_341		S5. Blood vessels of the lower extremity.: • Zavod za anatomiju - Seminarska (10:15 - 12:00) ^[1197] ◦ Sem1 • P04 (10:15 - 12:00) ^[134] ◦ Sem2
izv. prof. dr. sc. Arbanas Juraj, dr. med. ^[1197] · prof. dr. sc. Marić Ivana, dr. med. ^[134] · prof. dr. sc. Zoričić Cvek Sanja, dr. med. ^[1600] · izv. prof. dr. sc. Čelić Črnac Tanja, dr. med. ^[135]		
26.11.2024		
	P14: Arteries of lower extremity. Lymph vessels of the lower extremity (pg.239-246). Topographically important aspects of lower extremity (pg.246-249). Anatomage.: • Zavod za anatomiju - Sala 1 (08:15 - 10:30) ^[2273] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) ^[1197] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) ^[2273] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) ^[1197] ◦ V4	
izv. prof. dr. sc. Arbanas Juraj, dr. med. ^[1197] · Veljanovska Diana, mag. physioth. ^[2273]		
02.12.2024		
L19. The spine: • P08 (08:00 - 10:00) ^[1600] ◦ A_341 L20. Joints between vertebrae. The relationship between the head and the spine. Twists and movements of the spine.: • P08 (08:00 - 10:00) ^[1600] ◦ A_341		
prof. dr. sc. Zoričić Cvek Sanja, dr. med. ^[1600]		
09.12.2024		
L21. Basics of neurology of the central nervous system.: • P08 (08:00 - 10:00) ^[135] ◦ A_341 L22. Examination of the skeleton of the head. Bones of the neurocranium.: • P08 (08:00 - 10:00) ^[135] ◦ A_341		S6. Isolated bones of the cerebral part of the skull. Temporal bone – cavum tympani. Channels of the temporal bone.: • P08 (10:00 - 12:00) ^[1600] ◦ Sem1 • P04 (10:00 - 12:00) ^[1199] ◦ Sem2
prof. dr. sc. Zoričić Cvek Sanja, dr. med. ^[1600] · izv. prof. dr. sc. Čelić Črnac Tanja, dr. med. ^[135] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. ^[1199]		
10.12.2024		

	P15: Vertebrae. Basis crani interna(pg. 114-126; 412-414): • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [1600] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [1199] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1600] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1199] ◦ V4	
prof. dr. sc. Zoričić Cvek Sanja, dr. med. [1600] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]		
12.12.2024		
	P16: Base of the skull – outer surface (pg.416-418): • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [1199] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [1600] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1199] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1600] ◦ V4	
prof. dr. sc. Zoričić Cvek Sanja, dr. med. [1600] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]		
16.12.2024		
L23. Bones of the viscerocranium.: • P08 (08:15 - 10:00) [1199] ◦ A_341 L24. Cavities of the viscerocranium: • P08 (08:15 - 10:00) [1199] ◦ A_341		S.7. Mandibula. Articulatio temporomandibularis. Teeth. Masticatory muscles.: • P04 (10:00 - 12:00) [1600] ◦ Sem1 • P08 (10:00 - 12:00) [1199] ◦ Sem2
prof. dr. sc. Zoričić Cvek Sanja, dr. med. [1600] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]		
17.12.2024		

	P17: Orbita (pg.421 – 422), bony elements of the nasal (pg.495-498), and oral cavity (pg.504). Paranasal sinuses.: • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [1600] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [1199] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1600] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1199] ◦ V4	
prof. dr. sc. Zoričić Cvek Sanja, dr. med. [1600] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]		
19.12.2024		
	P18: Maxilla, mandible, teeth, lingual bone, fossa temporalis, fossa infratemporalis, fossa pterygopalatina.: • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [1600] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [1199] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1600] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1199] ◦ V4	
prof. dr. sc. Zoričić Cvek Sanja, dr. med. [1600] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]		
07.01.2025		
		S8. Centers of the autonomic nervous system. Examination of the gray matter of the brain stem.: • Zavod za anatomiju - Seminarska (08:00 - 10:00) [1600] ◦ Sem1 • Zavod za anatomiju - Sala 1 (10:45 - 12:30) [1600] [3273] ◦ Sem2
Fučić Mariana [3273] · prof. dr. sc. Zoričić Cvek Sanja, dr. med. [1600]		
09.01.2025		

	P19: Spinal cord. Cerebellum. Brain stem. The fourth ventricle.: • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [1600] [3273] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [1199] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1600] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1199] ◦ V4	
Fučić Mariana [3273] · prof. dr. sc. Zoričić Cvek Sanja, dr. med. [1600] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]		
10.01.2025		
L25. Principles of organization and division of the central nervous system. Structure of the central nervous system. Definition of the autonomic nervous system. Brain and brain nerves: • P08 (12:15 - 14:00) [1600] ◦ A_341 L26. Encephalon - division and development. General description of the brain. Examination of the cranial nerves.: • P08 (12:15 - 14:00) [1600] ◦ A_341		
prof. dr. sc. Zoričić Cvek Sanja, dr. med. [1600]		
13.01.2025		
L27. Telencephalon, lobes, gyri and sulci.: • P08 (08:00 - 10:00) [1600] ◦ A_341 L28. Chamber system.: • P08 (08:00 - 10:00) [1600] ◦ A_341		S9. Telencephalon. Telencephalon medium. Pallium. Deep gray and white masses of the end brain.: • P07 (10:00 - 12:00) [1600] ◦ Sem1 • P08 (10:00 - 12:00) [1199] ◦ Sem2
prof. dr. sc. Zoričić Cvek Sanja, dr. med. [1600] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]		
14.01.2025		

	P20: Diencephalon (pg.597-598) - overview, position and external shape (pg.656-657) Epithalamus (pg.657-658). Thalamus - overview (pg.658-659). Hypothalamus - overview and classification (660-661). Subthalamus (pg.664). Pituitary gland (pg.663-664). Ventriculus tertius (pg.608-609): • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [1199] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [1600] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1199] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1600] ◦ V4	
prof. dr. sc. Zoričić Cvek Sanja, dr. med. [1600] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]		
16.01.2025		
	P21: Telencephalon. Ventriculus lateralis. Anatomage - recognize structures on brain sections - frontal, horizontal: • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [1600] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [1199] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1600] [3292] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1199] ◦ V4	
Uzelac Matija [3292] · prof. dr. sc. Zoričić Cvek Sanja, dr. med. [1600] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]		
20.01.2025		
		S10. Sheaths and blood vessels of the brain and spinal cord. Ventricles and cerebrospinal fluid. Circulation of cerebrospinal fluid. Subarachnoid space. Tanks.: • P07 (10:00 - 12:00) [1600] ◦ Sem1 • P08 (10:00 - 12:00) [1199] ◦ Sem2
prof. dr. sc. Zoričić Cvek Sanja, dr. med. [1600] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]		
21.01.2025		

	P22: Repetition of central nervous system morphology. Integration of knowledge on cranial nerves with skull base openings and regions of the head. Anatomage.: • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [1600] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [1199] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1600] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1199] ◦ V4	
prof. dr. sc. Zoričić Cvek Sanja, dr. med. [1600] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]		
03.03.2025		
L29. Head and neck regions. Neck fascia.: • P01 (10:00 - 12:00) [134] ◦ A_341 L30. Trigonum caroticum. N.IX. Art. carotis communis.: • P01 (10:00 - 12:00) [134] ◦ A_341		S11. Cranial nerves: N. glossopharyngeus (pg.454-455), N. vagus (pg.455-457), N. hypoglossus (pg.457-458), N. accessorius (pg.457). Sympathicus of the head and neck.: • P01 (12:00 - 14:00) [1600] ◦ Sem1 • P09 - NASTAVA NA ENGLISKOM JEZIKU (12:00 - 14:00) [134] ◦ Sem2
prof. dr. sc. Marić Ivana, dr. med. [134] · prof. dr. sc. Zoričić Cvek Sanja, dr. med. [1600]		
04.03.2025		
	P23: Surface anatomy of the neck (pg.533-534), Regions of the neck and neck triangles (pg.534) , Musculoskeletal system of the neck (pg.534-541).: • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [134] ◦ V1 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [2274] ◦ V2 • Zavod za anatomiju - Sala 1 (13:15 - 15:30) [134] ◦ V3 • Zavod za anatomiju - Sala 2 (13:15 - 15:30) [2274] ◦ V4	
prof. dr. sc. Marić Ivana, dr. med. [134] · Čulev Bojana, dr. med. dent. [2274]		
06.03.2025		

	P24: Cervical fascia and connective tissues spaces (pg.541-545). Regions of the neck and neck triangles (pg.534) - trigonum caroticum, spatium parapharyngeum. Nerves of the neck (pg. 550-557): • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [134] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [2274] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [134] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [2274] ◦ V4	
prof. dr. sc. Marić Ivana, dr. med. [134] · Čulev Bojana, dr. med. dent. [2274]		
10.03.2025		
L31. Overview of the innervation of the head and neck.: • P01 (10:00 - 12:00) [134] ◦ A_341 L32. N.V.-2, N.V.-3.: • P01 (10:00 - 12:00) [134] ◦ A_341		
prof. dr. sc. Marić Ivana, dr. med. [134]		
11.03.2025		
	P25: Deep lateral facial region (pg.439-443)- Fossa infratemporalis. Fossa pterygopalatina. Masticatory apparatus: teeth (pg.506-512), masticatory muscles (pg.512-514), temporomandibular joint (pg.514-516): • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [2274] ◦ V1 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1199] ◦ V2 • Zavod za anatomiju - Sala 1 (13:15 - 15:30) [2274] ◦ V3 • Zavod za anatomiju - Sala 2 (13:15 - 15:30) [1199] ◦ V4	
Čulev Bojana, dr. med. dent. [2274] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]		
13.03.2025		

	P26: Face and facial soft tissue (pg.428-436). Superficial lateral facial region (pg.436-439), Parotideomassesterc region. Retromandibular fossa.: • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [2274] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [134] [1199] ◦ V2 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [134] ◦ V4 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [2274] ◦ V3	
--	---	--

prof. dr. sc. Marić Ivana, dr. med. [134] · Čulev Bojana, dr. med. dent. [2274] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]

17.03.2025

L33. Examination of blood vessels of the head and neck. A. maxillaris. A. subclavia.: • P01 (10:00 - 12:00) [1199] ◦ A_341 L34. V. jugularis interna. V. subclavia.: • P01 (10:00 - 12:00) [1199] ◦ A_341		S12. Nerves of the head and neck - N.III,N.V-1, N.VII., Ganglion ciliare, oticum, pterygopalatinum and submandibular.: • P06 (12:00 - 14:00) [1553] ◦ Sem1 • P01 (12:00 - 14:00) [134] ◦ Sem2
---	--	---

prof. dr. sc. Cvijanović Peloza Olga, dr. med. [1553] · prof. dr. sc. Marić Ivana, dr. med. [134] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]

18.03.2025

	P27: Superficial neck layer. Lateral triangle of the neck. Arteries of the neck: A. carotis communis, A. subclavia (pg. 545-548). Veins of the neck (pg. 548-550). Lymph nodes of the neck (pg. 557-559).: • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [134] ◦ V1 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [2274] ◦ V2 • Zavod za anatomiju - Sala 1 (13:15 - 15:30) [134] ◦ V3 • Zavod za anatomiju - Sala 2 (13:15 - 15:30) [2274] ◦ V4	
--	--	--

prof. dr. sc. Marić Ivana, dr. med. [134] · Čulev Bojana, dr. med. dent. [2274]

20.03.2025

	P28: Scalp (pg.425-428), superficial neck layer, Back musculature - deep back muscles (pg. 105-112): • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [134] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [2274] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [2274] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [134] ◦ V4	
--	--	--

prof. dr. sc. Marić Ivana, dr. med. [134] . Čulev Bojana, dr. med. dent. [2274]

24.03.2025

L35. The principle of structure of a hollow and parenchymatous organ. Examination of head and neck organs.: • P01 (10:00 - 12:00) [134] ◦ A_341 L36. Head and neck lymph. Waldeyer's lymphatic ring.: • P01 (10:00 - 12:00) [134] ◦ A_341		
---	--	--

prof. dr. sc. Marić Ivana, dr. med. [134]

25.03.2025

	P29: Oral cavity (pg. 503-505), Tongue (pg. 516-520), Floor of the mouth (pg. 524-526), Lymphatics (pg. 526), Salivary glands (pg. 526-530), Palate (520-523): • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [2274] ◦ V1 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [134] ◦ V2 • Zavod za anatomiju - Sala 1 (13:15 - 15:30) [2274] ◦ V3 • Zavod za anatomiju - Sala 2 (13:15 - 15:30) [134] ◦ V4	
--	--	--

prof. dr. sc. Marić Ivana, dr. med. [134] . Čulev Bojana, dr. med. dent. [2274]

27.03.2025

	P30: Pharynx (pg. 575-579). Oesophagus.: • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [2274] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [134] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [2274] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [134] ◦ V4	
prof. dr. sc. Marić Ivana, dr. med. [134] · Čulev Bojana, dr. med. dent. [2274]		
31.03.2025		
L37. Larynx. Phonation.: • P01 (10:00 - 12:00) [1199] ◦ A_341 L38. Nervus vagus.: • P01 (10:00 - 12:00) [1199] ◦ A_341		S13. Parasympathetic innervation of head and neck. N. vagus. Parasympathetic ganglia.: • P05 (12:00 - 14:00) [134] ◦ Sem1 • P01 (12:00 - 14:00) [1199] ◦ Sem2
prof. dr. sc. Marić Ivana, dr. med. [134] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]		
01.04.2025		
	P31: Nose overview (pg. 492), External nose (pg. 493-494), Nasal cavities (pg. 495-499), Paranasal sinuses (pg. 499-500), Vascular, lymphatic and nervous system of nose (pg. 500-502), N. olfactorius (pg. 444): • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [134] ◦ V1 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [2274] ◦ V2 • Zavod za anatomiju - Sala 1 (13:15 - 15:30) [134] ◦ V3 • Zavod za anatomiju - Sala 2 (13:15 - 15:30) [2274] ◦ V4	
prof. dr. sc. Marić Ivana, dr. med. [134] · Čulev Bojana, dr. med. dent. [2274]		
03.04.2025		

	P32: Larynx, overview (pg. 563), Laryngeal skeleton (cartilages, ligaments, joints, muscles) (pg. 564-574), Thyreoid and parathyreoid glands (pg. 559-562): • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [134] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [2274] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [134] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [2274] ◦ V4	
prof. dr. sc. Marić Ivana, dr. med. [134] · Čulev Bojana, dr. med. dent. [2274]		
07.04.2025		
L39. Eyeball - outer and middle eye leyer: • P01 (10:00 - 12:00) [134] ◦ A_341 L40. Eyeball - the inner membrane of the eye. Internal muscles of the eye. Humor aqueus.:: • P01 (10:00 - 12:00) [134] ◦ A_341		S14. Auxiliary organs of the eye. Blood vessels and nerves of the orbit.: • P07 (12:00 - 14:00) [1553] ◦ Sem2 • P06 (12:15 - 14:00) [134] ◦ Sem1
prof. dr. sc. Cvijanović Peloza Olga, dr. med. [1553] · prof. dr. sc. Marić Ivana, dr. med. [134]		
08.04.2025		
	P33: Accessory apparatus of the eye: • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [2274] ◦ V1 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1199] ◦ V2 • Zavod za anatomiju - Sala 1 (13:15 - 15:30) [2274] ◦ V3 • Zavod za anatomiju - Sala 2 (13:15 - 15:30) [1199] ◦ V4	
Čulev Bojana, dr. med. dent. [2274] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]		
10.04.2025		

	P34. Topography of head and neck. Anatomage.: • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [2274] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [134] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [2274] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [134] ◦ V4	
prof. dr. sc. Marić Ivana, dr. med. [134] · Čulev Bojana, dr. med. dent. [2274]		
14.04.2025		
L41: Internal ear.: • P01 (10:00 - 12:00) [1199] ◦ A_341 L42. Canalis nervi facialis. N. facialis – intrapetrous part. N. statoacousticus.: • P01 (10:00 - 12:00) [1199] ◦ A_341		S15. Outer and middle ear.: • P01 (12:00 - 14:00) [1199] ◦ Sem1 • P05 (12:00 - 14:00) [134] ◦ Sem2
prof. dr. sc. Marić Ivana, dr. med. [134] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]		
15.04.2025		
	P35: Review of head and neck.: • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [134] ◦ V1 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [2274] ◦ V2 • Zavod za anatomiju - Sala 1 (13:15 - 15:30) [134] ◦ V3 • Zavod za anatomiju - Sala 2 (13:15 - 15:30) [2274] ◦ V4	
prof. dr. sc. Marić Ivana, dr. med. [134] · Čulev Bojana, dr. med. dent. [2274]		
22.04.2025		

	P37: Bony thorax and joints (pg.132-137). Muscles of the thorax. Innervation and irrigation of thoracic wall. Breast.: • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [2274] ◦ V1 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1553] ◦ V2 • Zavod za anatomiju - Sala 1 (13:15 - 15:30) [2274] ◦ V3 • Zavod za anatomiju - Sala 2 (13:15 - 15:30) [1553] ◦ V4	
--	--	--

prof. dr. sc. Cvijanović Peloza Olga, dr. med. [1553] · Čulev Bojana, dr. med. dent. [2274]

24.04.2025

	P38. Trachea and lungs (pg.274-282), Pleura. Pleural cavities and breathing (pg. 289-290). Diaphragm (pg.87-90).: • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [1600] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [1553] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1600] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1553] ◦ V4	
--	---	--

prof. dr. sc. Cvijanović Peloza Olga, dr. med. [1553] · prof. dr. sc. Zoričić Cvek Sanja, dr. med. [1600]

25.04.2025

L43: General Description of the Thorax. Lungs. Pleural Cavities. Pleura.: • P08 (11:15 - 13:00) [1553] ◦ A_341 L44: General Description of the Thorax. Lungs. Pleural Cavities. Pleura.: • P08 (11:15 - 13:00) [1553] ◦ A_341		
---	--	--

prof. dr. sc. Cvijanović Peloza Olga, dr. med. [1553]

28.04.2025

L45: Heart.: • P01 (10:00 - 12:00) [1553] ◦ A_341 L46: Heart.: • P01 (10:00 - 12:00) [1553] ◦ A_341		S16: Conduction system and innervation of the heart, coronary blood vessels, veins and lymphatic of the heart (pg.269-274). Pericardium (266-267): • P01 (12:00 - 14:00) [1600] ◦ Sem1 • P05 (12:00 - 14:00) [1553] ◦ Sem2
---	--	--

29.04.2025

	P39: Heart (pg.255-268). Pericardium: • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1199] ◦ V1 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1553] ◦ V2 • Zavod za anatomiju - Sala 1 (13:15 - 15:30) [1199] ◦ V3 • Zavod za anatomiju - Sala 2 (13:15 - 15:30) [1553] ◦ V4 P40: Oesophagus and thymus (pg.282-288); Mediastinum (pg.288; 294-298). Content of the mediastinum: • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1199] ◦ V1 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1553] ◦ V2 • Zavod za anatomiju - Sala 1 (13:15 - 15:30) [1199] ◦ V3 • Zavod za anatomiju - Sala 2 (13:15 - 15:30) [1553] ◦ V4	
--	---	--

05.05.2025

L47: Abdomen: General Description, Surface Topography – Nine-region Pattern, Walls, Abdominal and Peritoneal Cavity, Relation to Other Regions.: • P08 (10:00 - 12:00) [1553] ◦ A_341 L48: Abdomen: General Description, Surface Topography – Nine-region Pattern, Walls, Abdominal and Peritoneal Cavity, Relation to Other Regions.: • P08 (10:00 - 12:00) [1553] ◦ A_341		S17: Abdominal Walls, Peritoneal Cavity, Boundaries and Content. Development of abdominal viscera. Serosa membranes. (pg.303, 304, 310).: • P06 (12:00 - 14:00) [1197] ◦ Sem1 • P08 (12:00 - 14:00) [1553] ◦ Sem2
---	--	---

06.05.2025

	P41: Abdominal wall muscles, function, irrigation, innervation. Inguinal canal.: • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1600] ◦ V1 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1553] ◦ V2 • Zavod za anatomiju - Sala 1 (13:15 - 15:30) [1600] ◦ V3 • Zavod za anatomiju - Sala 2 (13:15 - 15:30) [1553] ◦ V4	
prof. dr. sc. Cvijanović Peloza Olga, dr. med. [1553] · prof. dr. sc. Zoričić Cvek Sanja, dr. med. [1600]		
08.05.2025		
	P42: Peritoneum. Abdominal organs: stomach, small and large intestine. (pg.340-343, 302-322): • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [1199] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [1553] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1199] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1553] ◦ V4	
prof. dr. sc. Cvijanović Peloza Olga, dr. med. [1553] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]		
12.05.2025		
L49: Retroperitoneal Region: Posterior Abdominal Wall and Organs, Abdominal Aorta, Inferior Vena Cava, Lymphatic System.: • P01 (10:00 - 12:00) [1553] ◦ A_341 L50: Retroperitoneal Region: Posterior Abdominal Wall and Organs, Abdominal Aorta, Inferior Vena Cava, Lymphatic System.: • P01 (10:00 - 12:00) [1553] ◦ A_341		S18: Vessels and nerves of the abdominal cavity.: • P01 (12:00 - 14:00) [134] ◦ Sem1 • P05 (12:00 - 14:00) [1553] ◦ Sem2
prof. dr. sc. Cvijanović Peloza Olga, dr. med. [1553] · prof. dr. sc. Marić Ivana, dr. med. [134]		
13.05.2025		

	P43: Abdominal organs: liver, gallbladder, pancreas, spleen. (pg.322-340): • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [2274] ◦ V1 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1553] ◦ V2 • Zavod za anatomiju - Sala 1 (13:15 - 15:30) [2274] ◦ V3 • Zavod za anatomiju - Sala 2 (13:15 - 15:30) [1553] ◦ V4	
prof. dr. sc. Cvijanović Peloza Olga, dr. med. [1553] · Čulev Bojana, dr. med. dent. [2274]		
15.05.2025		
	P44: Vessels and nerves of the peritoneal cavity. (pg.343-348): • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [1199] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [1553] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1199] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1553] ◦ V4	
prof. dr. sc. Cvijanović Peloza Olga, dr. med. [1553] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]		
19.05.2025		
L51: Pelvis: General Description, Pelvic Walls and Floor, Pelvic Cavity: • P01 (10:00 - 12:00) [1553] ◦ A_341 L52: Pelvis: General Description, Pelvic Walls and Floor, Pelvic Cavity: • P01 (10:00 - 12:00) [1553] ◦ A_341		S19: Female internal genital organs.: • P01 (12:00 - 14:00) [134] ◦ Sem1 • P05 (12:00 - 14:00) [1553] ◦ Sem2
prof. dr. sc. Cvijanović Peloza Olga, dr. med. [1553] · prof. dr. sc. Marić Ivana, dr. med. [134]		
20.05.2025		

	P45: Posterior abdominal region: walls,kidney, ureter, suprarenal glands. (pg.93-98,352-361): • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1197] ◦ V1 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1553] ◦ V2 • Zavod za anatomiju - Sala 1 (13:15 - 15:30) [1197] ◦ V3 • Zavod za anatomiju - Sala 2 (13:15 - 15:30) [1553] ◦ V4	
izv. prof. dr. sc. Arbanas Juraj, dr. med. [1197] · prof. dr. sc. Cvijanović Peloza Olga, dr. med. [1553]		
22.05.2025		
	P46: Content and relations of female pelvis. Female internal genital organs, blood vessels, lymphatic and nerves. (pg.371-383): • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [1199] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [1553] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1199] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1553] ◦ V4	
prof. dr. sc. Cvijanović Peloza Olga, dr. med. [1553] · izv. prof. dr. sc. Šoić-Vranić Tamara, dr. med. [1199]		
26.05.2025		
L53: External Genital Organs – In Men and in Women. Perineal region.: • P01 (10:00 - 12:00) [1600] ◦ A_341 L54: External Genital Organs – In Men and in Women. Perineal region.: • P01 (10:00 - 12:00) [1600] ◦ A_341		S20: Male internal genital organs.: • P05 (12:00 - 14:00) [1197] ◦ Sem1 • P06 (12:00 - 14:00) [1553] ◦ Sem2
izv. prof. dr. sc. Arbanas Juraj, dr. med. [1197] · prof. dr. sc. Cvijanović Peloza Olga, dr. med. [1553] · prof. dr. sc. Zoričić Cvek Sanja, dr. med. [1600]		
27.05.2025		

	P47: Content and relations of male pelvis. Male internal genital organs.: • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1197] ◦ V1 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1553] ◦ V2 • Zavod za anatomiju - Sala 1 (13:15 - 15:30) [1197] ◦ V3 • Zavod za anatomiju - Sala 2 (13:15 - 15:30) [1553] ◦ V4	
--	---	--

izv. prof. dr. sc. Arbanas Juraj, dr. med. [1197] · prof. dr. sc. Cvijanović Peloza Olga, dr. med. [1553]

29.05.2025

	P48: External genital organs, blood vessels, lymphatic and nerves (pg.383-392) Perineal region. Review thorax, abdomen, and pelvis. (pg.402-406): • Zavod za anatomiju - Sala 1 (08:15 - 10:30) [1197] ◦ V1 • Zavod za anatomiju - Sala 2 (08:15 - 10:30) [1553] ◦ V2 • Zavod za anatomiju - Sala 1 (10:45 - 13:00) [1197] ◦ V3 • Zavod za anatomiju - Sala 2 (10:45 - 13:00) [1553] ◦ V4	
--	---	--

izv. prof. dr. sc. Arbanas Juraj, dr. med. [1197] · prof. dr. sc. Cvijanović Peloza Olga, dr. med. [1553]

02.06.2025

L55: Visceral Innervation of Abdomen – Sympathetic and Parasympathetic Parts of the Autonomic Division of the Peripheral Nervous System.: • P01 (10:00 - 12:00) [1197] ◦ A_341 L56: Visceral Innervation of Abdomen – Sympathetic and Parasympathetic Parts of the Autonomic Division of the Peripheral Nervous System.: • P01 (10:00 - 12:00) [1197] ◦ A_341		
---	--	--

izv. prof. dr. sc. Arbanas Juraj, dr. med. [1197]

Popis predavanja, seminara i vježbi:

PREDAVANJA (TEMA)	Broj sati	Mjesto održavanja
L1. Overview of the executive curriculum, and student obligations.	1	P08
L2: Architecture of the human body. Anatomical Terms. Skeletal System	1	P08

L3: Joints - Synarthrosis.	1	P08
L4: Joints - obligatory and auxiliary structures of the joint.	1	P08
L5. Basics of myology.	1	P08
L6: Overview of the muscular system. General anatomy of skeletal muscles: types of muscles.	1	P08
L7. Basics of angiology.	1	P08
L8. Lymph vessels. Lymphatic system.	1	P08
L9. Basics of peripheral nervous system neurology.	1	P08
L10. Basics of peripheral nervous system neurology.	1	
L11. Nervus spinalis.	1	P08
L12. Skin - innervation, dermatomes.	1	P08
L13. Knee joint - ligaments, joint capsule, movements.	1	P01
L14. Clinical lecture - knee joint.	1	
L15. Upright stance and gait.	1	P01
L16. Upright stance and gait.	1	
L17. Plexus lumbalis. Plexus sacralis	1	P08
L18. Lesions of spinal nerves	1	P08
L19. The spine	1	P08
L20. Joints between vertebrae. The relationship between the head and the spine. Twists and movements of the spine.	1	P08
L21. Basics of neurology of the central nervous system.	1	P08
L22. Examination of the skeleton of the head. Bones of the neurocranium.	1	P08
L23. Bones of the viscerocranium.	1	P08
L24. Cavities of the viscerocranium	1	P08
L25. Principles of organization and division of the central nervous system. Structure of the central nervous system. Definition of the autonomic nervous system. Brain and brain nerves	1	P08
L26. Encephalon - division and development. General description of the brain. Examination of the cranial nerves.	1	P08
L27. Telencephalon, lobes, gyry and sulci.	1	P08
L28. Chamber system.	1	P08
L29. Head and neck regions. Neck fascia.	1	P01
L30. Trigonum caroticum. N.IX. Art. carotis communis.	1	P01
L31. Overview of the innervation of the head and neck.	1	P01
L32. N.V.-2, N.V.-3.	1	P01
L33. Examination of blood vessels of the head and neck. A. maxillaris. A. subclavia.	1	P01
L34. V. jugularis interna. V. subclavia.	1	P01
L35. The principle of structure of a hollow and parenchymatous organ. Examination of head and neck organs.	1	P01
L36. Head and neck lymph. Waldeyer's lymphatic ring.	1	P01

L37. Larynx. Phonation.	1	P01
L38. Nervus vagus.	1	P01
L41: Internal ear.	1	P01
L42. Canalis nervi facialis. N. facialis – intrapetrous part. N. statoacousticus.	1	P01
L39. Eyeball - outer and middle eye layer	1	P01
L40. Eyeball - the inner membrane of the eye. Internal muscles of the eye. Humor aqueus.	1	P01
L43: General Description of the Thorax. Lungs. Pleural Cavities. Pleura.	1	P08
L44: General Description of the Thorax. Lungs. Pleural Cavities. Pleura.	1	P08
L45: Heart.	1	P01
L46: Heart.	1	P01
L47: Abdomen: General Description, Surface Topography – Nine-region Pattern, Walls, Abdominal and Peritoneal Cavity, Relation to Other Regions.	1	P08
L48: Abdomen: General Description, Surface Topography – Nine-region Pattern, Walls, Abdominal and Peritoneal Cavity, Relation to Other Regions.	1	P08
L49: Retroperitoneal Region: Posterior Abdominal Wall and Organs, Abdominal Aorta, Inferior Vena Cava, Lymphatic System.	1	P01
L50: Retroperitoneal Region: Posterior Abdominal Wall and Organs, Abdominal Aorta, Inferior Vena Cava, Lymphatic System.	1	P01
L51: Pelvis: General Description, Pelvic Walls and Floor, Pelvic Cavity	1	P01
L52: Pelvis: General Description, Pelvic Walls and Floor, Pelvic Cavity	1	P01
L53: External Genital Organs – In Men and in Women. Perineal region.	1	P01
L54: External Genital Organs – In Men and in Women. Perineal region.	1	P01
L55: Visceral Innervation of Abdomen – Sympathetic and Parasympathetic Parts of the Autonomic Division of the Peripheral Nervous System.	1	P01
L56: Visceral Innervation of Abdomen – Sympathetic and Parasympathetic Parts of the Autonomic Division of the Peripheral Nervous System.	1	P01

VJEŽBE (TEMA)	Broj sati	Mjesto održavanja
P1: Bones of the shoulder girdle. Humerus. (pg.145-146, 150)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P2: Bones of the forearm. Bones of hand. (pg. 156, 159-160)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P3: Joints and ligaments of the shoulder girdle, shoulder joint.	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P4: Shoulder girdle muscles, shoulder muscles and upper arm muscles. Review of shoulder joint and shoulder girdle joints and elbow joint. (pg. 148-149, 152-155, 157-159)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P5: Muscles of the forearm and hand. Auxiliary structure of muscles (pg.164-169, 170-173)	3	Zavod za anatomiju - Sala 2 Zavod za anatomiju - Sala 4
P6: Nerves of the upper extremity. (pg.174-184). Anatomage.	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P7: Arteries and veins of the upper extremity. Lymph vessels of the upper extremity. Topographically important aspects of upper extremity. Review of upper extremity. Anatomage. (Sobotta pages: 186-194)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2

P8: Bones: Pelvis. Thigh bone. (pg.198-200, 202-203) Tibia and fibula. Patella.	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P9: Pelvic joints. Hip joint. Knee joint.	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P10: Bones of foot. Ankle joint. Joints of the foot. The arch of the foot. (pg.210-202, 203-205, 211- 215, 220-225)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P11: Muscles of the gluteal region. Muscles of the thigh. Review of pelvic joints, hip joint and knee joint. (pg.205-209, 216-218)P11: Muscles of the gluteal region. Muscles of the thigh. Review of pelvic joints, hip joint and knee joint. (pg.205-209, 216-218)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P12: Muscles of the leg. Muscles of the foot. Review of knee and ankle joint. (pg.225-231)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P13: Nerves of the lower extremity (pg.231-238). Anatomage.	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P14: Arteries of lower extremity. Lymph vessels of the lower extremity (pg.239-246). Topographically important aspects of lower extremity (pg.246-249). Anatomage.	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P15: Vertebrae. Basis crani interna(pg. 114-126; 412-414)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P16: Base of the skull – outer surface (pg.416-418)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P17: Orbita (pg.421 – 422), bony elements of the nasal (pg.495-498), and oral cavity (pg.504). Paranasal sinuses.	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P18: Maxilla, mandible, teeth, lingual bone, fossa temporalis, fossa infratemporalis, fossa pterygopalatina.	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P19: Spinal cord. Cerebellum. Brain stem. The fourth ventricle.	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P20: Diencephalon (pg.597-598) - overview, position and external shape (pg.656- 657)Epithalamus (pg.657-658). Thalamus – overview (pg.658-659). Hypothalamus – overview and classification (660-661). Subthalamus (pg.664).Pituitary gland (pg.663-664). Ventriculus tertius (pg.608-609)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P21: Telencephalon. Ventriculus lateralis. Anatomage - recognize structures on brain sections - frontal, horizontal	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P22: Repetition of central nervous system morphology. Integration of knowledge on cranial nerves with skull base openings and regions of the head. Anatomage.	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P23: Surface anatomy of the neck (pg.533-534), Regions of the neck and neck triangles (pg.534) , Musculoskeletal system of the neck (pg.534-541).	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P24: Cervical fascia and connective tissues spaces (pg.541-545). Regions of the neck and neck triangles (pg.534) - trigonum caroticum, spatium parapharyngeum. Nerves of the neck (pg. 550-557).	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P25: Deep lateral facial region (pg.439-443)- Fossa infratemporalis. Fossa pterygopalatina. Masticatory apparatus: teeth (pg.506-512), masticatory muscles (pg.512-514), temporomandibular joint (pg.514-516)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P26: Face and facial soft tissue (pg.428-436). Superficial lateral facial region (pg.436-439), Parotideomasseteric region. Retromandibular fossa.	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P27: Superficial neck layer. Lateral triangle of the neck. Arteries of the neck: A. carotis communis, A. subclavia (pg. 545-548). Veins of the neck (pg. 548-550). Lymph nodes of the neck (pg. 557-559).	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P28: Scalp (pg.425-428), superficial neck layer, Back musculature - deep back muscles (pg. 105-112)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2

P29: Oral cavity (pg. 503-505), Tongue (pg. 516-520), Floor of the mouth (pg. 524-526), Lymphatics (pg. 526), Salivary glands (pg. 526-530), Palate (520-523)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P30: Pharynx (pg. 575-579). Oesophagus.	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P31: Nose overview (pg. 492), External nose (pg. 493-494), Nasal cavities (pg. 495-499), Paranasal sinuses (pg. 499-500), Vascular, lymphatic and nervous system of nose (pg. 500-502), N. olfactorius (pg. 444)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P32: Larynx, overview (pg. 563), Laryngeal skeleton (cartilages, ligaments, joints, muscles) (pg. 564-574), Thyreoid and parathyreoid glands (pg. 559-562)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P33: Accessory apparatus of the eye	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P35: Review of head and neck.	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P37: Bony thorax and joints (pg.132-137). Muscles of the thorax. Innervation and irrigation of thoracic wall. Breast.	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P38. Trachea and lungs (pg.274-282), Pleura. Pleural cavities and breathing (pg. 289-290). Diaphragm (pg.87-90).	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P39: Heart (pg.255-268). Pericardium	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P40: Oesophagus and thymus (pg.282-288); Mediastinum (pg.288; 294-298). Content of the mediastinum	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P41: Abdominal wall muscles, function, irrigation, innervation. Inguinal canal.	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P42: Peritoneum. Abdominal organs: stomach, small and large intestine. (pg.340-343, 302-322)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P43: Abdominal organs: liver, gallbladder, pancreas, spleen. (pg.322-340)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P44: Vessels and nerves of the peritoneal cavity. (pg.343-348)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P45: Posterior abdominal region: walls,kidney, ureter, suprarenal glands. (pg.93-98,352-361)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P46: Content and relations of female pelvis. Female internal genital organs, blood vessels, lymphatic and nerves. (pg.371-383)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P47: Content and relations of male pelvis. Male internal genital organs.	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P48: External genital organs, blood vessels, lymphatic and nerves (pg.383-392) Perineal region. Review thorax, abdomen, and pelvis. (pg.402-406)	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P: Joints and ligaments of the elbow joint, and hand joints.	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2
P34. Topography of head and neck. Anatomage.	3	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Sala 2

SEMINARI (TEMA)	Broj sati	Mjesto održavanja
S1: Anatomical axes and planes. Osteology. (pg. 10, 12, 18-23).	2	P08 P09 - NASTAVA NA ENGLJESKOM JEZIKU
S2: Division of joints according to the shape and type of movements in the joint. Shoulder joint. (pg. 11-15, 23-33)	2	P07 P08

S3. Function of a muscle in a joint movement. Agonist, antagonist, synergist. Auxiliary structures of muscle: fascia, bursae, vaginae synoviales. Muscle and tendon spindle.	2	P05 P07
S4. Plexus brachialis.	2	P08 P09 - NASTAVA NA ENGLESKOM JEZIKU
S5. Blood vessels of the lower extremity.	2	P04 Zavod za anatomiju - Seminarska
S6. Isolated bones of the cerebral part of the skull. Temporal bone - cavum tympani. Channels of the temporal bone.	2	P04 P08
S.7. Mandibula. Articulatio temporomandibularis. Teeth. Masticatory muscles.	2	P04 P08
S8. Centers of the autonomic nervous system. Examination of the gray matter of the brain stem.	2	Zavod za anatomiju - Sala 1 Zavod za anatomiju - Seminarska
S9. Telencephalon. Telencephalon medium. Pallium. Deep gray and white masses of the end brain.	2	P07 P08
S10. Sheaths and blood vessels of the brain and spinal cord. Ventricles and cerebrospinal fluid. Circulation of cerebrospinal fluid. Subarachnoid space. Tanks.	2	P07 P08
S11. Cranial nerves: N. glossopharyngeus (pg.454-455), N. vagus (pg.455-457), N. hypoglossus (pg.457-458), N. accessorius (pg.457). Sympathicus of the head and neck.	2	P01 P09 - NASTAVA NA ENGLESKOM JEZIKU
S12. Nerves of the head and neck - N.III,N.V-1, N.VII., Ganglion ciliare, oticum, pterygopalatinum and submandibular.	2	P01 P06
S13. Parasympathetic innervation of head and neck. N. vagus. Parasympathetic ganglia.	2	P01 P05
S15. Outer and middle ear.	2	P01 P05
S14. Auxiliary organs of the eye. Blood vessels and nerves of the orbit.	2	P06 P07
S16: Conduction system and innervation of the heart, coronary blood vessels, veins and lymphatic of the heart (pg.269-274). Pericardium (266-267)	2	P01 P05
S17: Abdominal Walls, Peritoneal Cavity, Boundaries and Content. Development of abdominal viscera. Serous membranes. (pg.303, 304, 310).	2	P06 P08
S18: Vessels and nerves of the abdominal cavity.	2	P01 P05
S19: Female internal genital organs.	2	P01 P05
S20: Male internal genital organs.	2	P05 P06

ISPITNI TERMINI (završni ispit):

1.	20.06.2025.
2.	04.07.2025.
3.	18.07.2025.
4.	05.09.2025.
5.	19.09.2025.