

## CONTENT OF THE SUBJECT

<b>Subject:</b>	<b>Anatomy 2</b>		
<b>Study</b>	<i>General Medicine</i>	<b>Study Period:</b>	<i>Summer time</i>
<b>Evaluation:</b>	<i>Graduated</i>	<b>Subject Type:</b>	<i>Compulsory</i>
<b>Content:</b>	<i>4 h lectures and 5 h practical exercises / week</i>		<i>Total 56/70 per semester</i>

Department: **Department of Anatomy, UPJŠ FM**

<b>Week</b>	<b>Lectures – Tuesday, Friday (2 x 2 h /week) <a href="https://portal.lf.upjs.sk/index-en.php">https://portal.lf.upjs.sk/index-en.php</a></b>	<b>Practical lessons/Seminars – Mon, Tue, Wed, Fri</b>
<b>1st week</b> 9.2.-13.2.	1. Retroperitoneal space. 2. Urinary system. Adrenal (suprarenal) glands. <i>prof. Hodorová</i>	Ethical principles, safety instruction. Abdominal wall, peritoneum. Spleen. Retroperitoneal structures. Blood supply, venous drainage and innervation of abdominal organs.
<b>2nd week</b> 16.2.-20.2.	1. Male genital organs. 2. Female genital organs. <i>doc. Mihalík</i>	Organs of urinary system, adrenal glands. Organs of male genital system.
<b>3rd week</b> 23.2.-27.2.	1. Pelvic cavity in general. Pelvic floor. 2. Blood supply, venous, lymphatic drainage, and innervation of pelvic organs. <i>doc. Kolesář</i>	Organs of female genital system. Sacrum, Internal iliac artery. Pelvic floor. Rectum.
<b>4th week</b> 2.3.-6.3.	1. Autonomic nervous system. 2. Skull in general, skull spaces. Cervical vertebrae. <i>prof. Hodorová</i>	<b>Repetition.</b> <b>4th theoretical and practical tests (Wed, Fri)</b>
<b>5th week</b> 9.3.-13.3.	1. Joints on skull. Craniovertebral connections. Muscles of head and neck. 2. Blood supply of the head and neck. <i>prof. Hodorová</i>	Skull in general. Splanchnocranum. Neurocranium.
<b>6th week</b> 16.3.-20.3.	1. Venous and lymphatic drainage of head and neck. <i>doc. Mihalík</i> 2. Cranial nerves (CN) in general. CN I, II, III, IV, V, VI, VII. <i>prof. Hodorová</i>	Neurocranium cont. Cervical vertebrae. Muscles of head and neck. Blood supply, venous and lymphatic drainage of head and neck.
<b>7th week</b> 23.3.-27.3.	1. Cranial nerves - CN IX, X, XI, XII. Cervical plexus. <i>prof. Hodorová</i> 2. Parasympathetic ganglia of head, sympathetic trunk – cervical part. <i>doc. Lovásová</i>	Innervation of head and neck - Cranial nerves – CN V, VII, IX, X, XI, XII. Cervical plexus, parasympathetic ganglia of head, sympathetic trunk – cervical part.
<b>8th week</b> 30.3.-3.4.	1. Regional anatomy of head. 2. <b>Easter (Fri) – Holiday</b> <i>doc. Lovásová</i>	Regional anatomy of head and neck. <b>Repetition. Dean's Day (Thu), Easter (Fri).</b>
<b>9th week</b> 6.4.-10.4.	1. <b>Rector's Day (Tue).</b> 2. Regional anatomy of neck. <i>doc. Lovásová</i>	<b>Easter (Mon), Rector's Day (Tue).</b> <b>5th theoretical and practical tests (Wed, Fri).</b>
<b>10th week</b> 13.4.-17.4.	1. Introduction to central nervous system (CNS). Spinal cord. 2. Brain stem – medulla oblongata. <i>prof. Hodorová</i>	CNS – spinal cord. Blood supply, venous drainage, and meninges of spinal cord. Medulla oblongata, pons, rhomboid fossa.
<b>11th week</b> 20.4.-24.4.	1. Brain stem – pons. Rhomboid fossa. 2. Midbrain. Reticular formation. Cerebellum. <i>prof. Lovásová</i>	Midbrain. Cerebellum.
<b>12th week</b> 27.4.-1.5.	1. Diencephalon. Basal ganglia and their connections. <i>doc. Lovásová</i> 2. Telencephalon. Rhinencephalon, olfactory tract. Limbic system. <b>30.4. Thursday instead 1.5.</b> <i>doc. Mihalík</i>	Diencephalon. Basal ganglia. Telencephalon – gyri. Rhinencephalon. Limbic system. <b>30.4. Thursday instead 1.5. (National holiday)</b>
<b>13th week</b> 4.5.-8.5.	1. Nerve tracts – overview 2. Blood supply and venous drainage of brain. Meninges. IVth, IIIrd, lateral ventricles. <i>doc. Mihalík</i>	Blood supply and venous drainage of brain. Meninges. IVth, IIIrd, lateral ventricles.
<b>14th week</b> 11.5.-15.5.	1. Eye. Visual tract. Ear. Auditory and vestibular tracts. 2. Skin. Endocrine glands. <i>doc. Mihalík</i>	<b>Repetition. Eye. Ear. CN I, II, III, IV, VI, VIII.</b> <b>6th theoretical and practical tests (Wed, Fri).</b>