

# Program of Lectures and Practical Classes for Students of General Medicine in Winter Semester 2023/2024

## Syllabus of lectures and practicals – AHE winter semester 2023/2024 (DA1101338)

Week	Date	Day	Lecture	A - Practical, H - Practical
1	Locomotor System & Tissues 2.10. - 6.10.	M	Introduction into the anatomical histological and embryological studies, General anatomy of bones (45 min) Bones of the upper extremities	A: Orientation on the body and body planes, Bones of the upper extremities I H: Introduction, work with microscope
		T	Basic histological techniques	
		R	Bones of the lower extremities	
2	9.10. - 13.10.	M	Introduction to radiological imaging anatomy (45 min) General structure and anatomy of joints, joints of the upper extremities	A: Bones of the upper extremities II Bones of the lower extremities H: Cytology
		T	Connective tissue	
		R	Joints of the lower extremities	
3	16.10. - 20.10.	M	Overview of upper extremities muscles	A: Joints of upper and lower limb. Pelvis as a whole H: Connective tissue <b>1. Oral Examination: General anatomy of bones, upper &amp; lower extremities bones</b>
		T	Muscle tissue and general structure of muscle	
		R	Muscle, fasciae, spaces, vessels & nervous plexuses of the upper extremities	
4	23.10. - 27.10.	M	Overview of lower extremities muscles	A: Muscles of upper extremities, and its main vessels & nerves H: Muscle tissue <b>2. TEST: General anatomy of joints, upper &amp; lower extremities joints</b>
		T	Nerve tissue	
		R	Muscle, fasciae, spaces, vessels & nervous plexuses of the lower extremities	
5	30.10. - 3.11.	M	General Neuroanatomy - Introduction to PNS and CNS (45 min) Nerve tissue	A: Muscles of lower extremities, and its main vessels & nerves H: Nervous tissue
		T	Epithelial tissue	
		R	Axial skeleton and its articulation. Pelvis as a whole	
6	6.11. - 10.11.	M	Muscles of the thorax and back muscles	A: Axial skeleton. Joints of axial skeleton. H: Epithelial tissue <b>3. TEST: Muscles of the extremities</b>
		T	Development of embryo from implantation to gastrulation	
		R	Muscles of the abdomen, pelvic floor. Inguinal canal and hernias	
7	13.11. - 17.11.	M	Skull I - Overview of bones	A: Muscles of trunk, inguinal canal H: Repetition of tissue <b>4. TEST: Tissues</b> <b>5. Oral Examination: Tissues</b>
		T	Development of skeleton including ossification, muscles and limbs	
		R	Skull II - Overview of bones	

8	Circulatory System	M	Skull III - Spaces	A: Bones of the skull, skull base, temporomandibular joint H: Development of embryo from implantation to gastrulation- <i>Seminar</i> <b>6. TEST: Trunk - axial skeleton and trunk muscles</b>
		T	Blood	
	20.11. - 24.11.	R	Skull IV - Spaces, newborn skull, joints and sutures of the skull	
9	27.11. - 1.12	M	Muscles of head & neck	A: Skull as a whole, spaces, newborn skull H: Development of skeleton including ossification, muscles and limbs
		T	Haemopoiesis	
		R	Main vessels of head & neck	
10	4.12. - 8.12.	M	Dissection of muscles of extremities and trunk 1	A: Muscles of head & neck, and its main vessels & nerves H: Blood and haematopoiesis <b>8. Oral Examination: Skull and its joints + Head and neck muscles</b>
		T	Structure of circulatory system	
		R	Dissection of muscles of extremities and trunk 2	
11	Dissection 1	M	Heart	<b>Dissection Week 1 (14.00-18.00)</b> <b>7. Oral Examination: DISSECTION 1 (Friday)</b>
		T	Development of heart	
	11.12. - 15.12.	R	Structure of circulatory system	
12	18.12. - 22.12	M	Arteries 1	A: Heart H: Circulatory system and its development <b>9. TEST: Skull + Head and neck muscles, Early embryology</b>
		T	Development of vessels	
		R	Arteries 2	
<b>23.12. 2023 - 1.1.2024 Christmas/New Year's Break</b>				
13	2.1. - 5.1.	M	Veins	A: Blood vessels, Lymph nodes & Lymphatic vessels H: Lymphatic system <b>10.Oral Examination: Heart</b>
		T	Lymphatic system 1 (cells, spleen, thymus, lymph nodes)	
		R	Lymphatic system 2 (lymph nodes & vessels)	
14	Digestive System	M	General structure of the digestive system. Teeth + development A+H+E	A: Teeth, tongue, oral cavity, salivary glands, pharynx H: Digestive system 1 (oral cavity, teeth, esophagus) <b>11. TEST: Circulatory and lymphatic system + Blood 1</b>
		T	Development of head and neck, Digestive system 1	
	8.1. - 12.1.	R	Tongue, oral cavity, pharynx A+H	
	Winter semester exam period			<b>12. Oral Examination: Circulatory and lymphatic system + Blood</b>