

Program of Lectures and Practical Classes for Students of General Medicine in Winter Semester 2021/2022

Syllabus of lectures and practicals – AHE winter semester 2021/2022 (DA1101337)

Week	Date	Day	Lecture	A - Practical, H - Practical
1	Locomotor System & Tissues 4.10. - 8.10.	M	Introduction into the anatomical histological and embryological studies, General anatomy of bones (45 min)	A: Orientation on the body and body planes, Bones of the upper extremities I
			Bones of the upper extremities	H: Introduction, work with microscope
		T	Basic histological techniques	
		R	Bones of the lower extremities	
2	11.10. - 15.10.	M	Introduction to radiological imaging anatomy (45 min)	A: Bones of the upper extremities II Bones of the lower extremities
			General structure and anatomy of joints, joints of the upper extremities	H: General histology - 4 basic tissues
		T	Connective tissue	
		R	Joints of the lower extremities	
3	18.10. - 22.10.	M	Overview of upper extremities muscles	A: Joints of upper and lower limb. Pelvis as a whole
		T	Muscle tissue and general structure of muscle	H: Connective tissue
		R	Muscle, fasciae, spaces, vessels & nervous plexuses of the upper extremities	1. Oral Examination: General anatomy of bones, upper & lower extremities bones
4	25.10. - 29.10.	M	Overview of lower extremities muscles	A: Muscles of upper extremities, and its main vessels & nerves
		T	Nerve tissue	H: Muscle tissue
		R	Muscle, fasciae, spaces, vessels & nervous plexuses of the lower extremities	2. TEST: General anatomy of joints, upper & lower extremities joints
5	1.11. - 5.11.	M	General Neuroanatomy - Introduction to PNS and CNS (45 min)	A: Muscles of lower extremities, and its main vessels & nerves
			Nerve tissue	H: Nervous tissue
		T	Epithelial tissue	
		R	Axial skeleton and its articulation. Pelvis as a whole	
6	8.11. - 12.11.	M	Muscles of the thorax and back muscles	A: Axial skeleton. Joints of axial skeleton.
		T	Development of embryo from implantation to gastrulation	H: Epithelial tissue
		R	Muscles of the abdomen, pelvic floor. Inguinal canal and hernias	3. TEST: Muscles of the extremities
7	15.11. - 19.11.	M	Skull I - Overview of bones	A: Muscles of trunk, inguinal canal
		T	Development of skeleton including ossification, muscles and limbs	H: Repetition of tissue
		R	Skull II - Overview of bones	4. TEST: Tissues
				5. Oral Examination: Tissues
8	Circulatory System 22.11. - 26.11.	M	Skull III - Spaces	A: Bones of the skull, skull base, tempromandibular joint
		T	Blood	H: Development of embryo from implantation to gastrulation- <i>Seminar</i>
		R	Skull IV - Spaces, newborn skull, joints and sutures of the skull	6. TEST: Trunk - axial skeleton and trunk muscles
9	29.11. - 3.12	M	Muscles of head & neck	A: Skull as a whole, spaces, newborn skull
		T	Haemopoiesis	H: Development of skeleton including ossification, muscles and limbs
		R	Main vessels of head & neck	

10	6.12. - 10.12.	M	Dissection of muscles of extremities and trunk 1	A: Muscles of head & neck, and its main vessels & nerves
		T	Structure of circulatory system	H: Blood and haematopoiesis
		R	Dissection of muscles of extremities and trunk 2	8. Oral Examination: Skull and its joints + Head and neck muscles
11	Dissection 1	M	Heart	Dissection Week 1 (14.00-18.00)
		T	Development of heart	7. Oral Examination: DISSECTION 1 (Friday)
	13.12. - 17.12.	R	Structure of circulatory system	
20.12. 2021 - 2.1.2022 Christmas/New Year's Break				
12	3.1. - 7.1.	M	Arteries 1	A: Heart
		T	Development of vessels	H: Blood Vessels 1 (Anatomy)
		R	Arteries 2	9. TEST: Skull + Head and neck muscles
13	10.1. - 14.1.	M	Veins	A: Blood vessels 2
		T	Lymphatic system 1 (cells, spleen, thymus, lymph nodes)	H: Circulatory system and its development
		R	Lymphatic system 2 (lymph nodes & vessels)	10. Oral Examination: Heart
14	Digestive System	M	General structure of the digestive system. Teeth + development A+H+E	A: Lymph nodes & Lymphatic vessels
		T	Development of head and neck, Digestive system 1	H: Lymphatic system
	17.1. - 21.1.	R	Tongue, oral cavity, pharynx A+H	
<i>Winter semester exam period</i>				11. TEST: Circulatory and lymphatic system + Blood 1
				12. Oral Examination: Circulatory and lymphatic system + Blood 2 (Blood, haematopoiesis, circulatory and lymphatic systems)