

**Academic Year 2023/2024**  
**Faculty of Dentistry**

**ED I. Macroscopic Anatomy and Embryology I.**

Weeks	Lectures <i>Thursdays 12.00 -12.45 Lenhossék lecture room</i>	Lecturers	Dissection room classes <i>Mondays 16.00-17.45 and Thursdays 13.00-15.00</i>
Week 1 09. 4-8.	1. The role of anatomy in the medical curriculum. Terminology. General arthrology and myology	Gerber	General introduction to practical work in the dissection room, tools and rules Anatomical planes and directions Bones of the upper limb and the girdle, shoulder joint
Week 2 09. 11-15.	2. Clinical anatomy of the upper limb	Lendvai	Muscles of the upper limb/girdle - ventral surface. Dissection Muscles of the upper limb – dorsal surface. Elbow joint
Week 3 09. 18-22.	3. Clinical anatomy of the lower limb	Shahbazi	Muscles of the elbow joint (ventral surface) Muscles of the elbow joint (dorsal surface); joints and muscles of the hand
Week 4 09. 25-29.	4. Gametes, fertilization, cleavage, blastulation	Székely	Dissection of the muscles, vessels and nerves of the upper limb (branches of the axillary a+v, brachial plexus)
Week 5 10. 2-6.	5. Implantation, structure of the placenta, placental circulation. Fetal membranes	Tóth	Lower limb, pelvis, hip joint, bones of the lower limb Dissection of muscles, vessels and nerves Cadaver and free limb dissection
Week 6 10. 9-13.	6. Gastrulation, formation and derivatives of germinal layers. Folding of the embryo. Body axes, cranio-caudal and dorsoventral differentiation.	Kozsurek	Lower limb, knee joint + muscles Bones, joints and ligaments of the foot Femoral artery, veins of the lower limb Cadaver and free limb dissection
Week 7 10. 16-20.	7. Components, muscles, joints, ligaments and movements of the vertebral column. Ribs, components and movements of the thorax. Diaphragm	Rácz	Dissection of the limbs Sacral plexus, lumbar plexus <b><u>Midterm test 1 (oral, obligatory)</u></b> <b>Upper and lower limbs</b>
Week 8 10. 23-27. <i>Oct.23. is a National Holiday</i>	8. Components of the abdominal wall. Rectus sheath. Subinguinal hiatus. Inguinal canal. Adductor and femoral canals	Vereczki	<b><i>No dissection classes on Monday, October 23.</i></b> Dissection of the trunk (cadaver) Bones, joints, ligaments and muscles of the vertebral column Muscles of the trunk, components of the body wall, rectus sheath, hernia canals, Diaphragm
Week 9 10. 30. - 11. 3. <i>Nov. 1 is a National Holiday</i>	9. Bony framework of the skull: spaces of the viscerocranium.	Shahbazi	Bones and spaces of the skull Internal and external skull bases Development of the skull
Week 10 11. 6-10.	10. Introduction to the study of the nervous system. General organization of the central and peripheral nervous systems. Macroscopy of the telencephalon, diencephalon.	Rácz	Bones and spaces of the skull Facial skeleton, mandible. Orbit, nasal cavity, pterygopalatine fossa Development of the skull
Week 11 11. 13-17.	11. Blood supply to the brain. Meninges, CSF, ventricles	Kozsurek	Dissection of the brain, dural spaces Morphology of the brain. Blood supply, meninges, sinuses. Extra- and intracerebral CSF spaces, ventricles.
Week 12 11. 20-24.	12. Macroscopy of the brain stem, cerebellum and spinal cord.	Gerber	Dissection of the brain Morphology of the spinal cord
Week 13 11. 27 - 12. 1.	13. Neurulation. Development of the central nervous system, brain vesicles.	Gallatz	Dissection of the brain, frontal sections <b><u>Midterm test 2 (oral, obligatory)</u></b> <b>Skull, morphology of the CNS, macroscopy of the trunk</b>
Week 14 12. 4-8.	14. Development of the skull, vertebral column and the limbs	Gerber	Revision, embryology consultation