

**The program of the courses of Human Anatomy
for 1-st year students
Dentistry Faculty**

Osteology and syndesmology.

Seminars and practical classes

Course 1. (12.10.21) – Regulation of Department of Anatomy. Safety rules. The axes, lines, planes and directions of the human body. Kinds of bones. Structure of the bone. Functions of bones. Articulations of bones. The skeleton and its division: the axial skeleton, bones of the skull, the bones of upper and lower extremities .

Course 2. (13.10.21)- The axial skeleton. The vertebral column- description and division. The cervical vertebra. The thoracic vertebra. The lumbar vertebra. The sacrum and coccyx. Articulations (joints and synchondrosis) and ligaments of the vertebral column. The true, false and floating ribs. The sternum- the structure and division. The thorax cage- general description.

Course 3 (19.10.21)- The bones of the upper limb- bones of the shoulder girdle, arm, forearm and hand. Articulations of the upper limb. General description of the shoulder and elbow joints.

Course 4 (20.10.21) - The bones of the lower limb- bones of the pelvis, thigh, leg and foot. Articulations of the lower limb. General description of the joints: hip, knee and ankle.

Course 5. (26.10.21) -The skull. Bones of the brain-skull and face. Detailed description of the frontal, the occipital , ethmoidal and parietal bone.

Course 6. (27.10.21)- Detailed description of the sphenoid bone and the temporal bone- division, canals. The tympanic cavity.

Course 7. (03.11.21) - Bones of the face. Description of the maxilla, mandible, palatine, zygomatic, lacrimal, nasal bones, inferior nasal conchae and vomer .

Course 8. (09.11.21)- The structure of the mandible and temporo-mandibular joint. Fossas of the skull: temporal, infratemporal, pterygopalatine, retromandibular- borders and connections. The base and roof of the skull. The anterior, middle and posterior cranial fossa- borders and connections. The orbit. The nasal cavity. The paranasal sinuses.

Course 9. (10.11.21)- Repetition and practical test.

Course 10. (16.11.21)- Theoretical test.

