

Study program : MEDICINE
Type and level of studies: Integrated academic studies, Level 1/2
Course unit: HUMAN ANATOMY 1
Teacher in charge : Associate Professor Ivana Živanović-Mačužić MD, DSc, MSc
Language of instruction : ENGLISH
ECTS: 16
Prerequisites:
Semester: WINTER SEMESTER
Course unit objective: Acquiring knowledge and skills in human anatomy.
<p>Learning outcomes of Course unit:</p> <p>After successfully completing the course, students will be able to:</p> <ul style="list-style-type: none"> - Identify and describe the skeletal, muscular, neural, vascular and lymphatic structures of upper and lower limbs, thorax, abdomen and the pelvis and know their major functions. - Demonstrate sufficient knowledge about the structure and function of the locomotoric system - Identify and describe the organs of the cardiovascular, respiratory and urogenital systems and organs of the gastrointestinal tract - Discuss about the anatomic subunits and topographic regions of the of the human body as well as their connections and relations. - Synthesize ideas to make connections between anatomy and physiology - Develop a vocabulary of appropriate terminology to effectively communicate anatomy-related information to future coworkers.
<p>Course unit contents</p> <p><i>Theoretical classes</i></p> <p>Anatomy of upper limb. Anatomy of lower limb. Anatomy of thorax. Anatomy of abdomen. Anatomy of pelvis</p> <p>Basic anatomical nomenclature. Anatomical planes and lines. Anatomy of the bones, joints, muscles, vascularization and innervation of the upper limb. Anatomy of the bones, joints, muscles, vascularization and innervation of the lower limb. Anatomy of the chest wall and the breast. Anatomy of the upper mediastinum, trachea and the lungs, lower mediastinum and the heart. Anatomy of the abdominal wall. Anatomy of the oesophagus and the stomach, abdominal aorta and celiac plexus. Anatomy of the small and large intestine, the liver, pancreas and the spleen. Anatomy of the kidneys and retroperitoneal space. Anatomy of the wall of the pelvis. The vascularization and the innervation of the pelvic cavity. Anatomy of the urinary bladder, rectum, male and the female genital organs.</p> <p><i>Practical classes</i></p> <p>Basic anatomical nomenclature. Anatomical planes and lines. Anatomy of the bones, joints, muscles, vascularization and innervation of the upper limb. Anatomy of the bones, joints, muscles, vascularization and innervation of the lower limb. Anatomy of the chest wall and the breast. Anatomy of the upper mediastinum, trachea and the lungs, lower mediastinum and the heart. Anatomy of the abdominal wall. Anatomy of the oesophagus and the stomach, abdominal aorta and celiac plexus. Anatomy of the small and large intestine, the liver, pancreas and the spleen. Anatomy of the kidneys and retroperitoneal space. Anatomy of the wall of the pelvis. The vascularization and the innervation of the pelvic cavity. Anatomy of the urinary bladder, rectum, male and the female genital organs.</p> <p>The laboratory component of the course generally parallels and reinforces lecture concepts through the use of models, skeletal materials and cadaver demonstration.</p>

Literature

- Moore K.L., Agur A.M.R and Dalley A.F. Essential clinical anatomy. 4th ed. Baltimor, Philadelphia: Lippincot Williams & Wilkins, a Walters Kluwer, 2010
- Anatomy atlases:
McMinn. Color atlas of Human Anatomy. (optional)
Netter, F. H. Atlas of Human Anatomy (optional)

Number of active teaching hours				Other classes
Lectures: 90	Practice: 75	Other forms of classes:	Independent work: 150	
Teaching methods: Lectures, practice in a clinic, clinical problems solving				
Examination methods (maximum 100 points)				
Exam prerequisites	No. of points:	Final exam	No. of points:	
Student's activity during lectures	30	oral examination	70	
practical classes/tests		written examination		
Seminars/homework				
Project				
Other				

Grading system		
Grade	No. of points	Description
10	91-100	Excellent
9	81-90	Exceptionally good
8	71-80	Very good
7	61-70	Good
6	51-60	Passing
5	< 51	Failing

