Doctoral School: **Biology Doctoral School**
Doctoral Program: Neuroscience and Human Biology

Subject code: **BIO/7/56**
Subject title: **Human morphology I L**
Teacher and Neptun code: **Dr. Zsákai Annamária (D5223E)**
Credits: 4
Class hours: 2 hours/week, lecture

Aims of the course
The lecture presents the structure and function of the organs of the human musculoskeletal system in detail.
Course contents
Anatomical introduction: body parts, directions, planes, anatomical nomenclature, human cell and tissues
Osteology and myology I
Osteology and myology II
Anatomy of the skeleto-muscular system I: shapes, structure and chemical composition of the bones, ossification types, syndesmology
Anatomy of the skeleto-muscular system II: classification of joints: the kind of movement admitted in joints
Anatomy of the skeleto-muscular system III: bones of the skull, external and internal relief of the cerebral cranium, articulation of the cavitas nasi, orbita and vestibulum oris, muscles of the head
Anatomy of the skeleto-muscular system IV: vertebral column, movements and curvatures of the vertebral column, sternum and ribs, the structure of the thorax
Anatomy of the skeleto-muscular system V: muscles around the vertebral column – posture and movement of the trunk and the movement of the head
Anatomy of the skeleto-muscular system VI: deep muscles of the – movement of the upper extremity, muscles of the abdomen, fasciae and muscles of the neck structure of the pelvis, diaphragm
Anatomy of the skeleto-muscular system VII: bones of the lower and upper extremities, articulations of the lower and upper extremities, fascia and muscles of the lower and upper extremities, movements of the extremities, arteries and veins of the extremities, the main nerves of the extremities

Requirements
Written exam

Literature

lecture slides available in pdf
Kiss, F., Szentágothai, J. (1984) Az ember anatómiájának atlasza, I-II-III. Medicina, Budapest.
Netter, F. (2004) Humán anatómiai atlasz. Medicina, Budapest.