



Syllabus

Term: 2025/26/2 **Subject name:** Anatomy I. **Subject code:** ENAEDZN1001

Unit (Unit code) (TESTNEV)

Lecturer responsible for the course: Dr. ATLASZ Tamás

Requirement: Exam

Classes per week : 2/0/0

Classes per term:

Purpose of education:

The aim of the course is to familiarize the structure and the build-up of the human body, the anatomy of the skeletal system and the muscular system, as well as the anatomical structure and main function of the structures of the circulatory system so that the student can acquire important relationships.

The thorough knowledge of the anatomy of the structures of the motion systems is essential for the understanding of physiological and sport physiological knowledge.

Contents:

Week 1 Planes and terms used to describe position and direction in the human body. Tissues of the skeletomuscular system. Types and general characteristics of the bones.

Week 2 Structure and movements of different types of joints.

Week 3 Bones of the skull.

Week 4 Structure of the spine. The build-up of the vertebrates and their joints. The physiological curvatures and movements of the spine.

Week 5 The structure of the thorax. Breathing movements.

Week 6 Bones and joints of the upper limb.

Week 7 Bones and joints of the lower limb. Hip, knee and ankle joints. Bones and statics of the pelvic girdle.



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Contents:

Week 8 Bones and joints of the foot. The structure and statics of the arch of the foot.

Week 9 General characteristics of the muscles. The muscle tissues, the unit and the grouping of the muscles. Agonists and antagonists. Muscles of the head and neck.

Week 10 Muscles of the trunk. Muscles of the back. Muscles of the abdominal wall and hernias.

Week 11 Muscles of the shoulder girdle and the upper limb. Their nerves and blood supply.

Week 12 Muscles of the pelvic girdle and the lower limb. Their nerves and blood supply. The process of walking.

Week 13 Circulatory system. The heart. The pulmonary and systemic circulation. The main parts of the arteries and veins.

System of examining and valuation:

2 written tests during the term (the satisfactory level is at least 50%). The written tests are based on the lectures and the recommended readings.

written exam (In 2020/21 it is an online written exam.)

Grades:

0–49% fail

50–64% acceptable



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System of examining and valuation:

65–69% average

70–84% good

85–100% excellent

Bibliography:

List of readings

1. Sobotta Atlas of Human Anatomy (2-Volume Set)
 2. Color Atlas of Human Anatomy, Thieme :Volume 1: Locomotor System
- Recommended texts, further readings

Bibliography: