



Syllabus

Term: 2025/26/2

Subject name: Anatomy II.

Subject code: ENAEDZN1002

Unit (Unit code) (TESTNEV)

Lecturer responsible for the course: Dr. ATLASZ Tamás

Requirement: Exam

Classes per week : 2/0/0

Classes per term: 26/0/0

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 organ systems, as well as the anatomical structure and main function of the structures of the endocrine and nervous system so that the student can acquire important relationships.

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

Contents:

Week 1 : Circulatory system. The heart. The pulmonary and systemic circulation. The main parts of the arteries and veins.

Week 2: Lymphatic system. Lymphatic tissue and lymphatic organs. The anatomy of the lymphatic vessels and circulation.

Week 3: Respiratory system. The conducting part of the respiratory system. The lungs, the plura and the respiration.

Week 4: Digestive system. The upper, the middle and the lower part of the elementary canal. Anatomy of the liver and pancreas. Structures of the intestines.

Week 5: Urinary system. Kidneys, nephrons. The conducting part of the urinary system.

Week 6: Test 1.

Week 7: Reproductive system. The male external and internal reproductive organs. The female external and internal reproductive organs.



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Contents:

Week 8: Endocrine system 1. The hormones. The hypothalamo-hypophyseal system.

Week 9: Endocrine system 2. The adrenal gland, sex organs, pancreas, thyroid gland, parathyroid gland, thymus.

Week 10: Nervous system 1. Nervous tissue. Basic neural functions. Synapsis.

Week 11: Nervous system 2. Central nervous system. Spinal cord. Brain.

Week 12: Nervous system 3. Peripheral nervous system. Autonomic nervous system. Sensory organs.

Week 13: Test 2.

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.

The mark of the course comes from the mean result of the two tests. The students can improve their marks in the examination time by a 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

- [1] Netter, F. H. 1993. Atlas of Human Anatomy. CIBA Geigy.

Bibliography: