PSYB17-107 Physiology and Anatomy 2.

Aim of the course

Aim of the course: Inform about the regulatory processes of the human body

Learning outcome, competences

knowledge:
- Functions of main regulatory systems in the human body.

attitude:
- Scientific approach.

skills:
- Acquire information about the hormonal and nervous system, be able to see their role in different regulatory functions of the body.

Content of the course

Topics of the course
- Osmoregulation
- Digestion, regulation of metabolism
- Calcium balance
- Structure of the endocrine system, the hypophysis
- Thyroid gland
- Adrenal gland
- Reproductive functions
- Sensory systems - somatosensation
- Motor control
- Auditory and vestibular system
- Chemoreception
- Vision

Learning activities, learning methods: the course is a lecture. Preparing for the exam includes learning the material both in form of text and drawings. Preparing answers to essay questions requires significant individual work.

Evaluation of outcomes

Learning requirements, mode of evaluation, criteria of evaluation:
requirements
- Written exam (definitions, test, drawing, essay questions)

mode of evaluation: 5-scale

criteria of evaluation:
- grade is calculated according to the sum of points received for different parts of the exam

Reading list

Compulsory reading list
- Material of the lectures (available on Department's site)
- Glossary (available on Department's site)

Recommended reading list
- Gerard J. Tortora, Bryan H. Derrickson: Principles of Anatomy and Physiology; 13th Edition; Wiley

Mark Nielsen, Shawn D. Miller: Real Anatomy Software DVD; Wiley