



Syllabus

Term: 2026/27/1 **Subject name:** Comparative Anatomy I. - laboratory **Subject code:** ENBIOB1104

Unit (Unit code) (BIOLOGIA)

Lecturer responsible for the course: Dr. POLLÁK Edit

Requirement: Term mark

Classes per week : 0/3/0

Classes per term: 0/39/0

Purpose of education:

part of laboratory specialization that designed to provide the students with knowledge related to animal organs' histology and understanding of organ systems' histological organization

Contents:

Basic knowledge on the 4 main tissue types

Principles of histological organization seen in compound animal organs

Demonstration of fixed preparations: selected organs (kidney, heart, mammal eyes).

Comparative histology of integumentary system

Comparative histological organization of skeletal and muscular system

Comparative histology of digestive system

Comparative histology of respiratory system

Comparative histology of urinary system

Comparative histology of cardiovascular system



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Contents:

Comparative histology of reproductive system

Comparative histology of nervous and endocrines systems

System of examing and valuation:

Students must present a laboratory notebook with handmade drawing of dissection practicals, and pass some interim written tests during the semester in order to get the final mark examination / written examination.

Bibliography:

Brusca, C.R. & Brusca J.R.: Invertebrates - Second Edition [Hardcover] Hardcover – January 1, 2003

Kardong, K.: Vertebrates: Comparative Anatomy, Function, Evolution Hardcover – February 16, 2011

Bibliography: