



Syllabus

Term: 2026/27/1 **Subject name:** Zootaxonomy - practice **Subject code:** ENBIOB1202

Unit (Unit code) (BIOLOGIA)

Lecturer responsible for the course: Dr. HORVÁTH Győző Ferenc

Requirement: Term mark

Classes per week : 0/3/0

Classes per term: 0/39/0

Purpose of education:

Objectives:

The basic aim of this practical course is that students acquire a basic knowledge of the general phenological characterization of the kingdom of animal's most important taxa, learn the most basic morphological, developmental, ethological, reproductive characteristics of the individual taxa and the basis of their systematization.

Contents:

Week 1: The basics of protozoology; taxonomy, characterization. Pathogenic protozoans

Week 2: Division of animals, main phyla. Presentation of Parazoa and Eumetazoa (Radiata) phyla. Protostomy, Lophotrochozoa phyla (without Mollusca).

Week 3: Description of Ecdysozoa phyla (Gastrotricha - Nemtomorpha).

Week 4: Description and characterisation of Mollusca classis. Individual identification of Hungarian species.

Week 5: Ecdysozoa: Description and characterization of Onychophora, Tardigrada, Arthropoda phyla ontogeny types.

Week 6: Arthropoda II. Trilobita, Chelicerata, Crustacea

Week 7: Arthropoda III. Myriapoda, Hexapoda: Parainsecta

Week 8: Arthropoda IV. Hexapoda: Insecta



Syllabus

Term: 2026/27/1

Subject name: Zootaxonomy - practice

Subject code: ENBIOB1202

Contents:

Week 9: Individual identification of Hungarian arthropod species

Week 10: Vertebrata I; Systematics of Agnatha, and Pisces (Chondrognathostomata, Osteognathostomata)

Week 11: Vertebrata II. Taxonomy of amphibians and reptiles.

Week 12: Vertebrata III. System of birds.

Week 13: Vertebrate IV. System and main specifics of mammals.

Week 14: Individual identification of Hungarian mammal species based on jaws and skulls (small mammals)

System of examining and valuation:

Test from each week's curriculum. Individual identification test on weeks 4, 9, and 14. Every test can be rewritten once.

Grades:

0–50% fail

51–65% satisfactory

66–75% average

76–90% good

91–100% excellent



Syllabus

Term: 2026/27/1

Subject name: Zootaxonomy - practice

Subject code: ENBIOB1202

Bibliography:

List of readings

[1] All textbooks are accessible online (e-learning)

Recommended texts, further readings

[1] Ashok Verma: Principles of Animal Taxonomy. 2015 Alpha Science

Bibliography: