



COURSE DATASHEET

Semester:	2014/15/2
Course:	Zootaxonomy practice 1.
Code:	VEMKLIK232A
Responsible department:	Department of Limnology
Department code:	MKLI
Responsible instructor:	dr. András Liker

Course objectives:

The course is designed to teach how to determine the taxonomic identity of different animal species. We also give the students an overview of the most important species, considering ecology, conservation biology, medical aspect and economy.

Course content:

At the first lecture we introduce the students the taxonomic nomenclature. Then the following taxa are discussed during the semester: 1. Sponges, Cnidarians 2. Flatworms, Ribbon Worms 3. Rotifers, Nematodes, Hair worms, Acantocephalans, Entoproctas 4. Molluscs I. 5. Molluscs II. 6. Segmented Worms, Tardigrades 7. Arthropods - Myriapods, Chelicerata 8. Arthropods - Crustaceas, Cheliceriformes 9. Arthropods - Apterygote Insects 10. Arthropods - Exopterygote Insects 11. Arthropods - Endopterygote Insects I. 12. Arthropods - Endopterygote Insects II. There are 2 visits organized for the students: one is for the Bakony Natural History Museum and the other one is for Budapest, where they visit the Hungarian Natural History Museum and invertebrate collection of the Budapest Zoo.

Requirements, evaluation and grading:

passing the course requires that each written test during the term must be over 60%. Final mark is calculated as a mean of test results. Additional requirements are the followings: preparing a presentation about a given species and complete the homework, if there is one. There are also field trips organized for the student, and it is advised to take part. The practical lessons are compulsory, however, it is possible to miss one if a medical note or other justification is presented. Student can rewrite tests only once.

Required and recommended readings:

Ruppert, E.E. & Barnes, R.D. 1996. Invertebrate zoology. Brooks Cole. Papp L. (szerk.) 1996. Zootaxonómia. Scientia K., Budapest. Varga, Z. 1996. Állatismeret, 2. kiadás. Nemzeti Tankönyvkiadó, Budapest. Móczár L. (szerk.) 1984. Állathatározó I-II. Tankönyvkiadó, Budapest.