



COURSE DATASHEET

Semester:	2013/14/2
Course:	Infraindividual biology laboratory practice
Code:	VEMKLIB132B
Responsible department:	Department of Limnology
Department code:	MKLI
Responsible instructor:	András Ács

Course objectives:

The aim of the practice is to get practical knowledge in different fields of biology. We want to pique the interest of students and support their practical mentality.

Course content:

1. How to prepare a herbarium 2. Microscopy 3. Plant cell 4. Study of seedlings 5. The vegetative organs of plants 6. Morphology of plants 7. Autopsy of worm 8. Autopsy of *Lumbricus terrestris* 9. Autopsy of insects 10. Study of zooplankton 11. Break 12. Autopsy of mussels 13. Microscopy 14. Cells of animals 15. Kriobiology

Requirements, evaluation and grading:

There are 6 tests during the semester. The students must reach at least 60%. Lessons are compulsory, tests can be supplied if absence is justified. At the lessons the students have to prepare a report, which must be corrected if necessary.

Required and recommended readings:

Kótai István: A mikroszkóp használata, Natura Kiadó, Budapest, 1979 Boray Géza: Összehasonlító anatómiai praktikum I-II. www.hik.hu/tankonyvtar/site/books/b159/index.html Turcsányi Gábor: Mezőgazdasági növénytan