



COURSE DATASHEET

Semester:	2016/17/1
Course:	General Ecology (Laboratory Practice)
Code:	VEMKLIB132A
Responsible department:	Department of Limnology
Department code:	MKLI
Responsible instructor:	dr. András Liker

Course objectives:

Cognition of sample collection and sample analysis. Introduction to own research.

Course content:

1. Determination of plant associations with quadrat method: species 2. Determination of plant associations with quadrat method: field work 3. Determination of plant associations with quadrat method: evaluation of covered surface 4. Determination of plant associations with quadrat method: spreading maps 5. 1. script test 6. Own work: the daily variation of the birds' feeding 7. Net growing rate, Reid model 8. 2. script test 9. Diversity; data collection 10. Diversity calculations, planning of the own research 11. Discussion of the own work's results, how to write a scientific essay 12. 3. script test 13. Cluster analysis 14. Discussion of own work 15. 4. script test

Requirements, evaluation and grading:

The script tests contain the whole material. There are 7 tests during the semester. The credit is given according to the script tests and the own works. Above 90 % (5) 80-89 (4) 70-79 (3) 60-69 (2) under 60 (1). Presence at the lessons and writing of script tests are compulsory.

Required and recommended readings:

Krebs, C. J. (2001): Ecology: The experimental Analysis of Distribution and abundance. Addison-Wesley, San Francisco. Juhász Nagy, P. (1986): Egy operatív ökológia hiánya, szükségletei és feladatai. Akadémiai Kiadó, Budapest. Mátyás, Cs. (1996): Erdészeti ökológia. Mezőgazda Kiadó, Budapest.