



COURSE DATASHEET

Semester:	2014/15/2
Course:	Algology and diatomology
Code:	VEMKLIK253D
Responsible department:	Department of Limnology
Department code:	MKLI
Responsible instructor:	dr. Csilla Stenger-Kovács

Course objectives:

Basic knowledge about the most important planktonic and benthic algae groups.

Course content:

1. Phylogeny of the life on the Earth and the endosymbiosis 2. Prokaryotes: Cyanobacteria group 3. Eukaryotic algae: Glaucophyta, Rhodophyta and Chlorarachniophyta groups 4. Eukaryotic algae: Heterocontophyta group 5. Eukaryotic algae: Heterocontophyta group 6. Eukaryotic algae: Heterocontophyta group 7. Test 8. Eukaryotic algae: Haptophyta and Cryptophyta group 9. Eukaryotic algae: Dinophyta and Euglenophyta group 10. Eukaryotic algae: Chlorarachniophyta and Chlorophyta group 11. Eukaryotic algae: Chlorophyta group 12. Sampling methods and laboratory analyses of the benthic and planktonic algae. 13. Algal culturing techniques 14. Molekular markers in the algae taxonomy. 15. Test

Requirements, evaluation and grading:

The presence in the practice part of the lesson and during the test is compulsory. Result according to this shema: >90% (5) 80-89 (4) 70-79 (3) 60-69 (2) 60 (1).

Required and recommended readings:

Kiss Keve Tihamér: Bevezetés az algológiába Ács Éva és Kiss Keve Tihamér (szerk): Algológiai praktikum