

Study Programme: Master of Science in Ecology, module Applied Botany			
Course Unit Title: Sampling, identification and preservation of aquatic plants			
Course Unit Code: ME35			
Name of Lecturer(s): Dragana Vukov			
Type and Level of Studies: Master Academic Degree			
Course Status (compulsory/elective): Elective			
Semester (winter/summer): Winter			
Language of instruction: Serbian/English			
Mode of course unit delivery (face-to-face/distance learning): Face-to-face			
Number of ECTS Allocated:7			
Prerequisites: none			
Course Aims: Introduction to various techniques of sampling, identification and preservation of aquatic plants.			
Learning Outcomes: Students will gain applicative knowledge and skills in collecting, processing and identification of aquatic plant material.			
Syllabus: <i>Theory</i> Overview on the procedures and techniques of collection, preservation, and storing of plant material. Specificities of aquatic plants, sampling, identification, preservation; Collections - creating, maintenance, utilization. <i>Practice</i> Techniques of sampling and storage of plant material in the field; Processing of plant material in the laboratory - preparations for preservation and techniques of preservation; Forming the collection; Identification of taxa; Identification keys for aquatic plants; Identification of fresh material; Identification of pressed material; Identification of plant material preserved in the liquid medium; Live collection.			
Required Reading: Николић, Т. 1996. Хербаријски приручник. Школска књига, Загреб. Warrington, P. 1994. Collecting and Preserving Aquatic Plants. Ministry of Environment, Lands and Parks, Government of British Columbia. Јосифовић, М. 1970-1977. Флора СР Србије I - IX. САНУ, Београд. Arber, A. 1920 - reprinted 2010. Water Plants - a study of aquatic angiosperms. Cambridge Library Collection, Cambridge University Press, Cambridge UK. Fasset, N.C. 1930 - revised and reprinted 1985. A manual of Aquatic Plants. The University of Wisconsin Press, Madison, Wisconsin USA. Cook, C.D.K. 1996. Aquatic Plant Book. SPB Academic Publishing, Amsterdam/New York.			
Weekly Contact Hours:	Lectures: 1	Practical work: 3	
Teaching Methods: Lectures and student's individual practical work and field work.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Active class participation		written exam	
Practical work	30	oral exam	70
Preliminary exam(s)		

Seminar(s)	15		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			