Study Programme : MSc in Ecology

Degree level: Master degree

Course Title: Ecological Projects

Professor: Ivana Teodorovic

Elective Course

Number of ECTS:6

Prerequisites: -

Course Objective: To provide insight into complexity of fundamental and applied research projects in ecology and environmental sciences, trends and currently valid guiding principles, concepts and practices in ecology and environmental sciences. To provide academic and practicle knowledge and skills in scientific and project proposal writing.

Course Outcome: Successful students are supposed to become skilled in fundamental and applied research project proposal preparation, either independently or as members of multidisciplinary teams in ecology and/or environmental sciences.

Course Content:

Theoretical part Complexity, Interdisciplinary, multidisciplinary and transdisciplinary approach in fundamental and applied research projects in ecology and environmental protection. Trends and currently valid guiding principles, concepts and practices in ecology and environmental sciences, relevant for study programme. Funding opportunities and sources for a wide range of ecological and environmental projects: national (local, regional, state), EU and UN programmes (FP, bilateral, interreg, IPA); foundations, private and corporate sector as a funding source. Basic principles, prerequisites and requirements for well structured research proposal. Detailed analysis of successful (recent and on-going) and unsuccessful project proposals in the fields of ecology and environmental sciences, submitted to various funding sources.

Practical part Depending on a No of students enrolled, students will independently or in group(s) come up with the research project idea, develop it into research project proposal, defend it and prepare a proposal for real-life of hypothetical call for proposals.

Reading List:

1. Friedland, A.J., Folt, C.L. (2000): Writing Successful Science Proposals, Yale University.
2. Ward, D.L., Hale, P.D. (2005): Writing Grant Proposals That Win. Jones & Bartlett Publishers.
3. Various examples of successful and unsuccessful real-life project proposals (with permission of local or international research consortia)

Total hours:				
Lectures: 2	Practicals: 2	Other:	Student research work: 5	

Methods of instruction:

Lectures, discussions, individual or group research, project proposal presentation

Assessment (maximum number of points 100)

Requirements	**points**	**Final exam**	**points**
Active participation in lectures		Practical exam	
Active participation in practicals	30	Oral exam	
Test(s) or			
Project proposal preparation and presentation	*70*		

Remark: