

Study Programme : MSc. in Ecology			
Degree level: Master degree			
Course Title: ANIMAL CONSERVATION			
Professor: Ante Vujić, PhD, Dubravka Milić, PhD			
Required/Elective Course: Elective			
Number of ECTS: 6			
Prerequisites: -			
Course Objective: The main objective of the course involves the adoption of knowledge on methods of protecting endangered species and their practical conservation. On the one hand by preserving habitat and considering that component of their survival, and the other through managing populations, understanding their structure, setting conservation priorities. The task of the course is learning about practice of protection of endangered species in the world and in our country and development of projects of active protection of certain species at risk of extinction.			
Course Outcome: At the end of the course student will be qualified to engage in practical projects related to conservation and preservation of endangered species of animals.			
Course Content: <i>Theoretical part</i> The conservation of animal species and populations. The loss of genetic diversity in small populations. Problems of populations' conservation. The problem of allochthonous species. Invasive populations. Influence of habitat. The influence of the disease. Conservation of habitats and landscapes. Species and habitats they prefer. International and national legislation regarding the protection of species. International organizations. The conservation of species in Serbia. <i>Practical part</i> Identification of priorities in the animal species conservation. Conservation and management: examples of strategies for conservation of species of selected groups of organisms. Conservation planning, protection of species based on habitat, principles, criteria for evaluating plans. Invertebrate conservation. Conservation of amphibians. The conservation of reptiles. Conservation of birds. Conservation of mammals. Active protection. Projects on certain endangered species or groups of species. Introduction of endangered species in the field, in the characteristic ecosystems, threat assessment factors in the field, distinguishing anthropogenic factors of degradation processes and successions.			
Reading List: 1. Akçakaya, H.R., Burgman, M.A., Kindvall, O., Wood, C.C., Sjögren-Gulve, P., Hatfield, J.S., McCarthy, M.A. (2004): Species Conservation and Management, Case Studies. Oxford University Press, Oxford. 2. Gosling, L.M., Sutherland, W.J. (2000): Behaviour and Conservation (Conservation Biology). Cambridge University Press, Cambridge. 3. Gittleman, J.L., Funk, S., MacDonald, D. (2001): Carnivore Conservation (Conservation Biology). Cambridge University Press, Cambridge. 4. Internet (http://www.eelink.net/EndSpp/index.html , http://www.worldwildlife.org/endangered/ , http://endangered.fws.gov/ , http://www.redlist.org/ , http://www.endangeredspecie.com/ , http://fwie.fw.vt.edu/rhgiles/speciessm/ , http://www.invasivespecies.gov/ , http://www.resourceafrica.org/cites/)			
Total hours:			
Lectures: 2	Practicals: 2	Other:	Student research work: 5
Methods of instruction: Video presentation, production and defense projects. Preparation and defense of the given seminar or selected topics.			
Assessment (maximum number of points 100)			
Requirements	points	Final exam	points
Active participation in lectures	10	Practical exam	30
Active participation in practicals	10	Oral exam	30
Test(s) or			
Pre-exam testing	20		
Remark:			