

Study Programme : PhD in Biology				
Degree level: Doctoral degree				
Course Title: ANIMAL CONSERVATION				
Professor: Ante Vujić, PhD				
Required/Elective Course: Elective				
Number of ECTS: 15				
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 the components of their survival, and on the other through managing populations, understanding their structure, setting conservation priorities. The task of the course is learning about the 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 the 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. 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 conservation of animal species. Conservation and management: examples of strategies for conservation of the species of selected groups of organisms. Conservation planning, protection of species based on habitat, principles, criteria for evaluating plans. Invertebrate conservation. Conservation of amphibians. Conservation of reptiles. Conservation of birds. Conservation of mammals. Active Protection. Introduction of endangered species in the field, in the characteristic ecosystems, threat assessment factors in the field, distinguishing anthropogenic factors of degradation processes and succession. Preparation of individual conservation project about selected species or species groups.				
Reading List: 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. Gosling, L.M., Sutherland, W.J. (2000): Behaviour and Conservation (Conservation Biology). Cambridge University Press, Cambridge. Gittleman, J.L., Funk, S., MacDonald, D. (2001): Carnivore Conservation (Conservation Biology). Cambridge University Press, Cambridge. 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/speciesssm/ , http://www.invasivespecies.gov/ , http://www.resourceafrica.org/cites/)				
Total hours:				
Lectures: 5	Practicals:	Other:	Student research work:	
			5	
Methods of instruction: Video presentation, seminar preparation and defense. *Preparation and defense of the project in the field of conservation of the species or group of species.				
Assessment (maximum number of points 100)				
Requirements				
Pre-exam testing 30			Project presentation 70	
Remark:				