

Name of the subject: ANIMAL CONSERVATION		
Teacher(s): Dr. Ante Vujić, Dr. Snežana Radenković		
Status of the subject: Elective		
Number of ECTS points: 15		
Condition: no		
Goal of the subject 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.		
Outcome of the subject 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.		
Content of the subject <i>Theoretical lectures</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 lectures</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.		
Recommended literature H. Resit Akçakaya, Mark A. Burgman, Oskar Kindvall, Chris C. Wood, Per Sjogren-Gulve, Jeff S. Hatfield, Michael A. McCarthy (2004): Species Conservation and Management: Case Studie. Oxford University Press. Gregg Elliott, Mary Chase, Geoff Geupel, and Ellie Cohen Developing and implementing an adaptive conservation strategy: A guide for improving adaptive management and sharing the learning among conservation practitioners. PRBO Conservation Science. IUCN (1980): World conservation Strategy. 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. Gosling, L. M., Sutherland, W. J. (2000): Behaviour and Conservation (Conservation Biology). Cambridge University Press. Gittleman, J. L., Funk, S. M., MacDonald, D. W. (2001): Carnovire Conservation (Conservation Biology). Cambridge University Press. 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/		
Number of active classes	Theory: 5	Practice: 5
Methods of delivering lectures Video presentation, seminar preparation and defense. *Preparation and defense of the project in the field of conservation of the species or group of species.		
Evaluation of knowledge (maximum number of points 100) seminar work 30 points; project presentation 70 points		