

<b>Study Programme : BSc in Ecology</b>			
Degree level: Bachelor degree			
<b>Course Title: ENVIRONMENTAL PROTECTION</b>			
<b>Professor: :</b> Ante Vujić, PhD, Dubravka Milić, PhD			
<b>Required/Elective Course: Required</b>			
<b>Number of ECTS: 5</b>			
<b>Prerequisites: -</b>			
<b>Course Objective:</b> Course Environmental protection is a multidisciplinary field in which ecology, technology, economics, law, politics, and other disciplines interlace. The aim of the course is to show the complexity of the problems which the environment protection is dealing with. Special attention is given to measures and activities that may protect from the consequences of further degradation, to indicate the ways of planning and rational use of natural resources, development of appropriate technologies in the function of doctrine of sustainable development. Various components of the environment (water, air, soil food) are considered. A significant part of the course is about changes in ecosystems on Earth and shows the deleterious effects of global climate change.			
<b>Course Outcome:</b> In this course students gain knowledge about the system of environment protection and receive an introduction to the scale of changes in the planet's ecosystems under anthropogenic influence. The course provides a broad overview of issues and understanding the impact of economics, politics and law on environmental protection and the ability to facilitate inclusion of students in institutions that deal with this issue.			
<b>Course Content:</b> <i>Theoretical part</i> Environmental protection and ecological principles, human population. Economy and use of resources. Physical resources: water, air and land. Climate and Weather, global climate change. Pollution and air protection. Pollution of water, managing water resources. Pollution and protection of land. Ecotoxicology. Biological resources, food, agriculture, pest control. Conventional energy sources, renewable sources of energy. Urbanization, sustainable development of cities. The problem of waste. Law, Policy and Planning in the field of environmental protection. Education in environmental protection. Protection of nature. <i>Practical part</i> International Organization of importance to environmental protection. Natural resources and economy. The common good and their international status. Legal aspects of environmental protection. Human population. Determination of water quality. Methods for determination of air pollution, noise pollution. Bioindicators. Physiological changes in organisms under the influence of pollutants. The system of environmental protection, national institutions for protection of the environment.			
<b>Reading List:</b> 1. Vujić, A. (2006): Zaštita životne sredine. Univerzitet u Novom Sadu, PMF, Departman za biologiju i ekologiju. Novi Sad.			
<b>Total hours:</b>			
Lectures: 2	Practicals: 2	Other:	Student research work:
<b>Methods of instruction:</b> Video presentation			
<b>Assessment (maximum number of points 100)</b>			
<b>Requirements</b>	<b>points</b>	<b>Final exam</b>	<b>points</b>
Active participation in lectures	10	Practical exam	30
Active participation in practicals		Oral exam	60
Test(s) or			
Pre-exam testing			