

<b>Study Programme : BSc in Biology</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 biology, ecology, technology, economics, law, politics and other disciplines interlace. The aim of the course is to show the complexity of the problems which environment protection is dealing with. Special attention is given to analysis of consequences of human impact on planet and activities that may protect from the effects of further degradation. Various components of the environment (water, air, soil, food) are considered.				
<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> Problems involving human population growth. Management of the common resources on the planet. Changes of physical resources: water, air, soil. Biological resources, food, agriculture, pest control. Global climate change growth and impact on organisms. Deforestation. Ecotoxicology. Tourism perspectives in new conditions, ecotourism. Organic agriculture. Recycling and composting. Radioactive waste. Influence of the politics, public opinion and nongovernmental organizations on environmental protection. <i>Practical part</i> Increase and decrease of the human population in different parts of the planet and their influence on environment. Genetically modified food. Development of megapolis and their impact on natural resources. Physiological changes in organisms under the influence of pollutants. Ethics and ecology in function of environmental protection. Ozon layers. Education in function of environment protection.				
<b>Reading List:</b> Vujić, A. (2006): Zaštita životne sredine. Univerzitet u Novom Sadu, PMF, Novi Sad. Jablanović, M., Jakšić, P., Kosanović, K. (2003): Uvod u ekotoksikologiju. Univerzitet u Prištini, PMF. Kosovska Mitrovica.				
<b>Total hours:</b>				
Lectures: 2	Practicals: 2	Other:	Student research work:	
<b>Methods of instruction:</b>				
Video presentations, homework assignments, * Preparation and defense of the seminar about given or selected topics.				
<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		
Active participation in practicals		Oral exam	60	
Test(s) or				
Pre-exam testing	30			