

Study program: Environmental protection			
Type and level of study: Bachelor academic studies			
Course Title: Analytical Tools of the Environment			
Teachers: Jasna Stepanov			
Status: Obligatory, semester V			
ECTS: 6			
Prerequisite: None			
The goal of course The aim of the course is to enable students to use all the analytical tools in environmental management, as well as to use chemical, physical, physicochemical, biological, engineering and other analytical methods, in control. .			
The outcome of the subject After adoption of knowledge related to analytical tools in the field of environmental management, Students will be able to understand the basic principles of environmental regulation, and environmental protection planning, as well as to implement and control all aspects of environmental management practice..			
Syllabus <i>Theoretical study</i> - Review of Environmental Management; analytical methods to determine the state of the environment: terminology, statistics, experimental determination of the quality of the environment, forecasting methods, recording conditions. Methods of assessment of the impact of pollutants on the environment. Identification of environmental damage. Way of finding information and literature. The concept of sustainable development. <i>Practical classes</i> - Determining the state of the environment, statistical analysis, inventory of polluters.			
Literature 1. Analytical tools in Environmental management. Thematic Proceedings of the Faculty of Environmental Protection. Educons University. Sremska Kamenica. 2010th. 2. Mihailov, A. (2010). Fundamentals of environmenta analytical tools. Faculty of Environmental Educons University. Sremska Kamenica. 3. Wright, T.R. (2005). Student Lecture. Notebook Environmental Science. 9th edition, Prentice Hall. 4. Material from lectures			
Number of lectures: 5			Other Classes
Lectures: 3	Practices: 2	Other forms of teaching: Student research work:	
Teaching methods: Lectures, using computer technology, discussions with students, individual and team work.			
Score (maximum 100 points)			
Pre-commitments	Poens	The final exam	Poens
Activity during lectures	20	Written exam	30
Practical classes	10	Oral examination	
Colloquia	30		
Seminars	10		
<i>Total</i>	70		30