

Study Programme: Environmental Engineering		
Course Unit Title: Sustainable Use of Natural Resources and Environmental Protection System		
Course Unit Code: Z205		
Name of Lecturer(s): Dejan Ubavin		
Type and Level of Studies: Bachelor level		
Course Status (compulsory/elective): compulsory		
Semester (winter/summer): winter		
Language of instruction: English		
Mode of course unit delivery (face-to-face/distance learning): face-to-face		
Number of ECTS Allocated: 6		
Prerequisites: None		
<p>Course Aims:</p> <p>The course objective is to introduce students to the concept of sustainable development, environmental protection system, legislation in the field of environment and global environmental issues. Course should enable students to understand complex relationships between stockholders of the sustainable development, as well as to point out the necessity of multidisciplinary approach to the problem.</p>		
<p>Learning Outcomes:</p> <p>Students should use acquired knowledge in further education, in professional courses above all. Mastering this course is the starting point in the courses which have the objective to solve existing problems in the field of environmental engineering.</p>		
<p>Syllabus:</p> <p>Theoretical lectures: Natural resources, Inexhaustible – exhaustible resources, EU thematic strategy as a frame for sustainable use of natural resources, Natural resources and national strategy of Serbia for the accession to the EU, Elements of the environment being regulated, Concepts of integral environmental protection and control; Rio conference and Agenda 21, Conference in Johannesburg, Environmental protection convention, International organizations, EU laws in the field of environmental protection, EU thematic strategies and strategy for accession of Serbia to the EU, National legislation in the field of environmental protection. Global atmospheric changes, Potential of global warming, Prediction of moderate global temperatures, Regional impact of temperature change, CDM change, Systematic connection of sustainable use of natural resources and the living environment, System of national accounts and increase in national income as a sustainable development indicator, Economic indicators, Practical lectures: During lectures, adequate examples related to the knowledge from the lectures are elaborated with active participation of students</p>		
Required Reading: Relevant literature in English, tbd		
Weekly Contact Hours: 5	Lectures: 2	Practical work: 3
<p>Teaching Methods:</p> <p>Lectures, Auditory Practice and Consultations. Lectures: Theoretical part of the course is presented with examples which have the objective to master the knowledge more easily. During auditory practice, the knowledge from the lectures is studied in more detail with active participation of students. Besides lectures and auditory practice, consultations are held on the regular basis. The course is divided in two wholes followed by two colloquiums. The first whole is: The concept of</p>		

sustainable development, Environmental protection system and legislation in the field of living environment. The second whole is: Global issues of the living environment.

Knowledge Assessment (maximum of 100 points):

Pre-exam obligations	points	Final exam	points
Group Assignment		Examination Assignment	
Exercises			
Test			
Test			

The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.