

Study program: Civil Engineering			
Course: Environmental Management Resources			
Professor: PhD Stanisa Dimitrijević			
Status of course: elective			
ECTS credits: 4			
Pre-requisites: none			
Aims of the course: That students acquire the necessary knowledge about basic characteristics of living resources, their presence and sources, with emphasis on the responsibility of individual social actors in their management, special consideration of the environmental component and the interests of future generations.			
Learning outcomes: Students will be able to understand the basic relationships of reciprocity of society and living resources in the economic and social development of society in general, use and apply their knowledge in the function of prudential, rational use and management of available living resources.			
Syllabus: <i>Theoretical part</i> Environmental and natural resources-types and classification; global and local Agenda 21 – concept objectives and methods of implementation; management of non-renewable resources - energy raw materials; management of non-renewable resources - metallic and non-metallic raw materials; management of renewable resources - sun, water, air; management of renewable resources - soil, flora, fauna; responsibility of the management of natural resources; sustainable development as a way of managing vital resources; importance of managing vital resources for future generations; sustainable development strategy of Serbia; development of new technologies and application of recycling usage - Kyoto Protocol; information on and public participation in environmental protection; importance of environmental ethics in environmental management resources.			
Literature: 1. Jonathan M. Haris, <i>Environmental Economics and Natural Resources</i> , Data Status, Belgrade, 2009. 2. Milan R. Milanović, <i>Economics of Natural Resources</i> , Megatrend, Belgrade, 2009. 3. Jozef R de Zarden, <i>Environmental Ethics</i> , Official newspaper, Belgrade 2006.			
Number of active classes			Other forms of teaching:
Lectures: 2	Practical classes: 0	Laboratory classes: 0	
Teaching methods: Combined - interactive with solving issues from real life situations.			
Grading system (maximum 100 points), grading scale from 5 to 10: below 51 points grade 5, grade 6 from 51-60 points, grade 7 from 61-70 points, grade 8 from 71-80 points, grade 9 from 81-90 points, grade 10 from 91-100 points.			
Pre-commitments	points	Final exam	points
activity during lectures and practical	10	written exam	30
colloquium(s)	50	oral exam	-
seminar papers(s)	10		
Sum	70	Sum	30