

<b>Study program:</b> Bachelor academic studies: ECOLOGICAL ECONOMICS (BASEEC)				
<b>Type and level of studies:</b> Bachelor academic studies, I level				
<b>Subject name:</b> Circular Economy			<b>Subject code</b>	6E4CIR
<b>Professor:</b> <a href="#">dr Svetozar Krstić, assistant professor</a>				
<b>Subject status:</b> Mandatory				
<b>Number of ECTS:</b> 7				
<b>Condition:</b> none				
<b>Subject goal</b> The aim of this course is to provide students with basic knowledge about the historical development of circular economy, the basic principles of the circular economy, what differentiates circular in relation to the linear economy. The goal of course is to acquaint students with effective use of resources, the benefits of circular economy as the main concept of sustainable development and sustainable financial models of waste management.				
<b>Subject outcome</b> After this course, students will gain basic knowledge of circular economy, to consider the level of development of circular economy in Serbia and Europe. They will be able to independently explore different models of circular economy and its interdependence with controlled and organized waste market and by-products.				
<b>Subject content</b> <i>Theoretical classes</i> The basic principles of the circular economy. The relation between linear and circular economy. The concept of green design. Waste design. Recycling. Organic waste and its use. Inorganic waste. Wastewater management. The role and inclusion of vulnerable groups in the process of waste management in Serbia. Renewable energy resources and their importance to global climate change. Energetic efficiency. Energy efficiency of technological processes. Strategy of industry in Serbia. Environmental sustainability of industry. Sustainable technologies. The EU Directive on circular economy. Structural establishment of the circular economy and national mechanisms for the introduction of circular economy. <i>Practical classes</i> Will be conducted by oral presentation, using practical examples and graphical presentations, visiting companies with "green" technologies, recycling companies, companies that apply high environmental standards in the production, transport, storage and other.				
<b>Literature</b> 1. Zavargo Z.: <i>Održive tehnologije</i> ; Tehnološki fakultet, Univerzitet Novi Sad, 2013. 2. Webster K.: <i>The Circular Economy a Welth of Flows</i> ; Ellen MacArtur Foundation, 2015. 3. Lacy P., Rutqvist J.: <i>Waste to Wealt, Creating Advatage in Circular Economy</i> ; 2015. 4. Catharine A., Joshua R.: <i>Economies of Recycling</i> ; 2015.				
<b>Number of active teaching classes</b>				Other classes
Lectures:4(60)	Practices: 4(60)	Other class forms:1(15)	Study research paper:	
<b>Teaching methods</b> Theoretical and practical training will be conducted through oral presentation, using practical examples and graphical presentations, public defense of seminar papers on given topics with moderator role of teachers-assistant.				
<b>Knowledge evaluation (maximum number of points is 100)</b>				
<b>Pre-exam obligations</b>		<b>points</b>	<b>Final exam</b>	<b>points</b>
Activity during classes		10	Written exam	20
Practical classes –thematic workshops		20	Oral exam	20
Seminar paper		30		