



# UNIVERSITY OF NIŠ

**Course Unit Descriptor**

**Faculty**

Faculty of Mechanical Engineering

## GENERAL INFORMATION

Study Program	<b>Engineering Management</b>		
Study Module (if applicable)	<b>Energy Management</b>		
Course Title	Ecology Management		
Level of Study	<input type="checkbox"/> Bachelor	<input checked="" type="checkbox"/> Master's	<input type="checkbox"/> Doctoral
Type of Course	<input type="checkbox"/> Obligatory	<input checked="" type="checkbox"/> Elective	
Semester	Autumn	<input checked="" type="checkbox"/> Spring	
Year of Study	I		
Number of ECTS Allocated	7		
Name of Lecturer/Lecturers	Assoc. Prof. Gordana Stefanovic and Assist.Prof. Jasmina Bogdanovic-Jovanovic		
Teaching Mode	<input checked="" type="checkbox"/> Lectures	<input type="checkbox"/> Group tutorials	<input type="checkbox"/> Individual tutorials
	<input type="checkbox"/> Laboratory work	<input checked="" type="checkbox"/> Project work	<input checked="" type="checkbox"/> Seminar
	<input type="checkbox"/> Distance learning	<input type="checkbox"/> Blended learning	<input type="checkbox"/> Other

## Purpose and Overview (max. 5 sentences)

Scientific and professional public in efforts to protect the environment in the process of permanent degradation observed necessity to manage processes in the environment, and having in mind that context, have created "eco-standards" without which today is difficult to implement valid environmental protection policy. Students are introduced to acquiring knowledge and skills to implement system of ecological management in future professional practice.

## Syllabus (brief outline and summary of topics, max. 10 sentences)

1) The development of management systems; 2) ISO standard; 3) Basic principles of environmental management systems; 4) The principles of the assessment of environmental impact; 5) The principles of sustainable development; 6) The management of natural resources; 7) Principles and aspects of sustainable waste management; 8) Environmental Policy; 9) Monitoring system; 10) EMS.

## Language of Instruction

Serbian (complete course)      English (complete course)       Other \_\_\_\_\_ (complete course)  
 Serbian with English mentoring       Serbian with other mentoring \_\_\_\_\_

## Assessment Methods and Criteria

Pre exam Duties	Points	Final Exam	Points
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<b>Activity During Lectures</b>	<b>5</b>	<b>Written Examination</b>	<b>Max. 40 (depending on Teaching Colloquia)</b>
<b>Practical Teaching</b>	<b>25</b>	<b>Oral Examination</b>	<b>30</b>
<b>Teaching Colloquia</b>	<b>40</b>	<b>Overall Sum</b>	<b>100</b>
<b>*Final examination mark is formed in accordance with the Institutional documents</b>			