Study program: Environmental Protection

Course title: Sustainable Development

Professor/assistant: Biljana Milutinović / Natalija Tosić

Type of course: compulsory

ECTS credits: 5

Pre-requisites: -

Aims of the course:

Prepare students to: introduce with basic concepts of sustainable development, social values and needs for sustainable production, risk factors for the environment, recognize strategic goals of sustainable development.

Learning outcomes:

Student will be able to: understand what consequences can arise by not implementing the concept of sustainable development, apply the acquired knowledge in order to implement the concept of sustainable development.

Syllabus

Theoretical part

Introduction to the subject, basic concepts of sustainable development. Social values and sustainable development. The emergence of the concept of sustainable development. Environment and natural resources. Hazardous substances in the environment and sustainable development. The effect of physical harm and sustainable development. Environmental pollution, consequences of environmental pollution and sustainable development. Sustainable development strategy. Institutional framework, financing, monitoring and implementation of the sustainable development strategy.

Practical part

Practice, other forms of teaching, study research work.

Literature

1. D. Nikolić, Environmental Protection (in Serbian), Faculty of Mining and Metallurgy, Kosovska Mitrovica, 2000
2. M. Djukanovic, Environment and Sustainable Development (in Serbian), Elit, Belgrade, 1997
3. D. Veselinović, Physical-chemical basis of environmental protection (in Serbian), Belgrade, 1995
4. M. Djukanovic, Ecological Challenge (in Serbian), Elite, Belgrade, 1997

Number of active classes			Other forms of teaching:
Lectures: 2	Practical classes: 2	Research work:	

Teaching methods

Combination of interactive approach with practical problem solving.

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-exam obligations	**points**	**Final exam**	**points**
activity during theoretical lectures	**10**	written exam	**30**
practical training	**-**	oral exam	**-**
colloquium(s)/study research work	**40/20**		
Sum	**70**	**Sum**	**30**