Study program: Master academic studies: Environmental protection (MASEP), Master academic studies: Integrated management of natural resources (MASIMNR),Master academic studies: Environmental risk management (MASERS), Master academic studies: Environment and Health (MASEH)

Type and level of studies: Master academic studies, II level

Subejct name: Ecological Safety System	**Subject code**	6I1SEB

Professor: **dr Zoran Vujović, assistant sprofessor**

Subject status: Elective

Number of ECTS: 6

Condition: none

Subject goal

Familiarizing with modern system of environmental safety in the context of sustainability of the quality of life, the integrity of the environment, preventing and responding to ecologically generated processes with the prevention of negative consequences for the environment.

Subject outcome

Ability to monitor, evaluate and solve a wide rangde of security challenges and threats, primarily environmental threats to the political, economic and other implications related to the use of natural resources, array of pollution etc.

Subject content

Theoretical classes

Modern understanding of global safety and environmental risks and threats. International conferences on specific environmental problems facing the planet Earth (drought, biodiversity loss, overpopulation). Ecological security - integrated system of risk. Preventing and responding to ecological generated processes. Strategies and doctrines of ecological security in the EU. The environmental challenges that go beyond classic security challenges. New security - ecological context of challenges. Prevention and rehabilitation of the negative effects of armed conflicts on the environment. Safety of the conflicts – certainty of environmental wars. Planetary reduction and rapid disruption of biological diversity. Communication in terms of environmental vulnerability. Hazards in the workplace. Accidents in the workplace. Methods of protection in the workplace and protective equipment.

Practical classes

The study of the causes and conditions for the emergence of security challenges and threats, simulation scenarios of the chain of events that lead to consequences (informal steady state), study and professional visits to organizations for monitoring, study and prevention of environmental accidents in the country.

Literature

1. Dr Z. Keković, Dr Ž. Kešetović: *Krizni menadžment I, Prevencija krize*. Filip Višnjić, Beograd, 2006.
2. Group of authors: *Environment and Security: Transforming risks and cooperation:* The case of Eastern Europe, The Environment and Security initiative (ENVSEC), 2007.
3. Keković, Z., *Država, bezbednost i životna sredina,* Zadužbina Andrejević, Beograd, 1999.
4. Milašinović, R., Milašinović, S.: *Teorija konflikata*, Fakultet bezbednosti, Beograd, 2007.

Number of active teaching classes				Other classes
Lectures: 2(30)	Practices: 2 (30)	Other class forms:	Study research paper:	

Teaching methods

Interactive lectures, presentations and analysis of case studies, discussions on current topics of contemporary eco-safety schism in the region and the world, the study of methods of risk assessment and the risk and methods of calculating the area of risk, the use of model SARA (Scanning Response Assessment Analysis), reviews of the most common solutions of conflict situations, watching documentaries related to the subject, commenting and so on. Audiovisual exercises, one colloqium, written and oral exam.

Knowledge evaluation(maximum number of points 100)

Pre-exam obligations	**points**	Final exam	points
Activity during lectures	10	Written exam	30
Practical classes	20	Oral exam	20
colloquium	20		