

Study program: Environmental protection			
Type and level of study: Bachelor academic studies			
Course Title: Environmental Risk Management			
Teachers: Dunja Prokić			
Status: Obligatory, semester V			
ECTS: 5			
Prerequisite: None			
The goal of course The basic goal of this course is the achievements of knowledge, skills and abilities needed for solving complex task of environmental protection management, and existing risks in it. Students gain the knowledge about vulnerability of environmental components, and policy of it protection, and know-how skills for solving current and expecting problems of environmental contamination (in air, soil, water and biosphere), as well as the methodology for managements environmental risks.			
The outcome of course Understanding environmental protection policies, as well as governance of mechanism of mitigation of environmental affects, and integrated environmental policies on different hierarchical levels.			
Syllabus <i>Theoretical study</i> – Theoretical determination history and definition of subjects of course. Globalization of environmental protection issues (increasing Earth population, unequal sharing of natural resources, global climate changes). Environmental degradation processes, energy and mineral resources. Jeopardize and destroying of natural ecosystems, future of natural resources. Contamination damage on biodiversity, health and environment in general. Term, cause and different way of contamination as well as its scope in air, water and soil. Protection from noise and vibrations, hazardous waste, ionization radiation, and other kind of radiation. Integrated prevention and control of contamination during economic activities. Place and role of monitoring in environmental protection. Framework of environmental risk management as a main task of sustainable development concept. Risk management methodology. Goals of effective environmental risk management, planning of measures, eliminating consequences, maps of risk. Assessment of management’s capacities at local, regional and national and global risk level. <i>Practical classes</i> – Creating the map of risk and analyses of different study cases			
Literature 1. Radović, V. (2013). Bezbednost životne sredine-evaluacija i savremeni pristupi. Univerzitet Edukons. Sremska Kamenica. 2. Veselinović, S., Gržetić, I.A., Đarmati, Š.A. & Marković, D.A. (1995). Stanja i procesi u životnoj sredini. Fakultet za fizičku hemiju. Beograd. 3. Cifrić, I. (2000). Održivi razvoj i strategija zaštite okoliša. Zagreb. 4. Nikolić, D. (2001). Zaštita životne sredine. Rudarsko-metalurški fakultet. Kosovska Mitrovica. 5. Brauch, H.G. Threats, Challenges, Vulnerabilities and Risks in Environmental and Human Security. UN University. Institute for Environmental and Human Security. Publication Series of UNU-EHS, No.1/2005. 6. Lawrence, D.P. (2003). Environmental impact assessment: practical solutions to recurrent problems. John Wiley & Sons. Transition to Sustainable Production and Consumption: Concepts, Policies and Actions, New Jersey.			
Number of lectures: 5			Other Classes
Lectures: 2	Practices: 3	Other forms of teaching: Student research work:	
Teaching methodologies: Lectures, using computer technology, discussions with students, individual and team work.			
Score (maximum 100 points)			
Pre-commitments	Poens	The final exam	Poens
Activity during lectures	10	Written exam	
Practical classes	20	Oral examination	40
Colloquia			
Seminars	20		
<i>Total</i>	60		40