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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | Faculty of Occupational Safety in Niš |
| **GENERAL INFORMATION** |
| Study program  | Environmental Engineering |
| Study Module (if applicable) | / |
| Course title | Risk, Crisis and Emergency Management |
| Level of study | ☐ Bachelor ☐ Master’s ☒ Doctoral |
| Type of course | ☐ Obligatory ☒ Elective |
| Semester  | ☒ Autumn ☐Spring |
| Year of study  | Second year |
| Number of ECTS allocated | 10 |
| Name of lecturer/lecturers | Nenad Živković, Miomir Stanković |
| Teaching mode |  ☐Lectures ☐Group tutorials ☒ Individual tutorials ☒Laboratory work ☒ Project work ☐ Seminar ☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| *The study of crises and emergencies and modern systems of environmental safety in the context of sustainable life quality, the integrity of the environment, prevention and response to crises and emergencies along with the prevention of negative environmental consequences.*  |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| The concept of crisis and emergency situations. Planning the prevention of potential crises and accidents. Risk management ‐ crisis prevention management. Risk assessment methods. General principles of risk assessment. Prevention measures. Review of risk management models worldwide. Risk management strategies and monitoring. Crisis management: Data collection and evaluation of data sources. Decision making under uncertainty. Methods of analysis and prediction of crises and emergencies. Project planning and implementation. Crisis management and information technology. Activities and tasks in crisis and emergency situations. Humanitarian aid in crisis and emergencies. Crisis simulation as a crisis management tool. Development stages of the crisis. Operations rooms/ control centres. Safety operations in crisis management. Preparation of crisis negotiation team. Coercive and non ‐ coercive methods of response to crisis. Crisis management instruments. International aspects of crisis management. Emergencies: Classification of emergencies. Stages of development and the factors of negative impact of emergencies on safety and the environment. Social and normative context of emergencies. Emergency management, concept, process and management system. The concept of management system. Overview of management systems, Subjects in the system of emergency management. |
| **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** |
| **Activity during lectures** | **0** | **Written examination** | **0** |
| **Practical teaching** | **40** | **Oral examination** | **60** |
| **Teaching colloquia** | **0** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |