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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | Faculty of Occupational Safety in Niš |
| **GENERAL INFORMATION** |
| Study program  | Environmental Protection |
| Study Module (if applicable) | / |
| Course title | Safety System Fundamentals |
| Level of study | ☒Bachelor ☐ Master’s ☐ Doctoral |
| Type of course | ☒ Obligatory ☐ Elective |
| Semester  | ☒ Autumn ☐Spring |
| Year of study  | First year |
| Number of ECTS allocated | 5 |
| Name of lecturer/lecturers | Branislav Anđelković, Sonja Pavlović-Veselinović |
| Teaching mode |  ☒Lectures ☐Group tutorials ☐ Individual tutorials ☐Laboratory work ☐ Project work ☐ Seminar ☐Distance learning ☐ Blended learning ☒ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| *Acquiring knowledge about fundamental elements, features, and processes of the occupational and living environment, about safety principles and occupational safety systems, fire protection, environmental protection, and emergency protection.* |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Systemic approach to the study of the occupational and living environment. System properties – structure, condition, processes, and behaviour. Internal and external system links – analysis by application of law on retention of mass, energy, and information. Environmental system, occupational system, technological system, occupational environment system (elements, properties, processes, interaction). Man in the occupational and living environment. System degradation. Fundamental safety principles. Occupational safety system. Fire protection system. Environmental system. Emergency protection system. |
| **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** | **10** | **Written examination** |  |
| **Practical teaching** | **25 (term paper)** | **Oral examination** | **40** |
| **Teaching colloquia** | **25** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |