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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 | Environmental Protection and Management |
| Level of study | ☐Bachelor ☒ Master’s ☐ Doctoral |
| Type of course | ☐ Obligatory ☒ Elective |
| Semester  |  ☒ Autumn ☐Spring |
| Year of study  | FIRST |
| Number of ECTS allocated | 5 |
| Name of lecturer/lecturers | Snežana Živković |
| Teaching mode |  ☒Lectures ☐Group tutorials ☐ Individual tutorials ☐Laboratory work ☐ Project work ☒ Seminar ☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| *Improving efforts to protect the environment in the process of permanent degradation by identifying problems of management of environmental processes. Developing skills to implement “eco‐standards” of management, without which a proper safety politics is barely realizable nowadays. Acquiring knowledge and skills to implement and check ecological management systems. Topics covered allow the students to understand and individually define policies and strategies of introducing integrated management systems, to check and define corrective measures and assess the compatibility of different integrated management systems in order to raise efficiency and effectiveness of organizations in their activities, products, and services. The subject, among other things, deals with the most important elements of the modern concept of environmental management, environmental management systems, analyzes the environmental policy, measures for its protection, etc.* |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Theoretical lessons covers topics: Term, purpose, and goals of environmental protection and management; Doctrine of sustainable development; International sources of environmental principles; Management system development; Eco‐management systems supported in the ISO system; Project of introducing environmental management systems (EMS); Basic principles of eco‐management systems; Principles of environmental impact assessment; Natural resource management; Natural and anthropogenic pollution sources; Principles and aspects of sustainable waste management; Public consultations and participation in impact assessment; Consideration of alternatives; Environmental policy; Introduction and implementation; Monitoring of conditions; Non‐compliance, preventive and corrective measures.Practical lessons are carried out through the presentations of realized management system components, individual development of management system documents, and visits to companies with successfully implemented eco‐management methods. |
| **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** |  |
| **Seminar** | **20** | **Oral examination** | **40** |
| **Teaching colloquia** | **30** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |