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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 | Project Management |
| Level of study | ☐ Bachelor ☑ Master’s ☐ Doctoral |
| Type of course | ☐ Obligatory ☑ Elective |
| Semester  | ☑ Autumn ☐ Spring |
| Year of study  | I |
| Number of ECTS allocated | 5 |
| Name of lecturer/lecturers | Srdjan Glisovic |
| 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 the concept and application of project management principles, tools and techniques in preventive engineering and other organizational and technical disciplines. Acquiring knowledge and skills to organize project activities, to apply the project management concept in occupational and environmental safety, and to understand modern software tools for project management.* |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Project management concept – background and development. Project Management - framework, aim and scope, planning, resource identification, critical factors. Team building, SWOT analysis. Process groups and project life‐cycle. Project planning, SMART goals, Logical framework matrix (LFM). Planning methods and techniques: Gantt charts, network diagrams, Critical path method (CPM). Structural diagrams WBS – PBS – OBS. Project management organization. Project quality management – scope, time, and cost management, evaluation of project progress. Project implementation and risk management, monitoring and control. Introduction to *MS Project*. |
| **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** | **20** |
| **Practical teaching** | **10** | **Oral examination** | **20** |
| **Teaching colloquia** | **40** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |