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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | Faculty of Occupational Safety in Niš |
| **GENERAL INFORMATION**  |
| Study program  | Fire Protection Engineering |
| Study Module (if applicable) | / |
| Course title | Fire Protection of Buildings |
| 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 | Dušica Pešić |
| Teaching mode | ☒ Lectures ☐Group tutorials ☐ Individual tutorials ☐Laboratory work ☒ Project work ☒ Seminar ☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| *Enabling students to analyze the position of a building and its construction from a fire hazard aspect, to calculate the risk and object exposure to fire, and to design and install fire protection measures for buildings. Students will be able to calculate fire risk for buildings; to work individually or in a team on fire protection projects for buildings, as parts of the investment‐technical documentation of construction objects.* |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Construction materials and their behaviour under fire. Construction elements. Construction structure. Fire risk in buildings. Fire engineering. Concept of fire protection during design (principle of built‐in protection): fire sectors and segments, fire walls, fire doors. Specific protective measures of elements and constructions in building design. Protection of cellars and underground spaces. Protection of ground objects. Protection of multistory objects. Protection of buildings against smoke during fire. Fire evacuation. |
| **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** |