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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 | Risk from Hazardous Materials |
| Level of study | ☒ Bachelor ☐ Master’s ☐ Doctoral |
| Type of course | ☒ Obligatory ☐ Elective |
| Semester  | ☐ Autumn ☒Spring |
| Year of study  | Second year |
| Number of ECTS allocated | 6 |
| Name of lecturer/lecturers | Dušica Pešić, Emina Mihajlović |
| 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 hazardous materials and protective measures during their production, transport, and utilisation.* |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| The term hazardous materials. Normatives. Hazardous material properties: explosiveness, flammability, toxicity, radioactivity, oxidising and corrosive effect. Risk from hazardous materials. Effects of hazardous materials on humans and the environment. Accidents caused by hazardous materials. Accident prevention and recovery. Unification, classification, and division. Identification and marking of hazardous materials. Hazardous material classes (explosives, compressed and liquefied gases, flammable liquids, flammable solids, oxidizing, toxic, radioactive, corrosive materials etc.). Manufacture, packing, storage, and handling of hazardous materials. Transport and transportation prerequisites. Protective measures in the event of accident. |
| **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** | **20** | **Oral examination** | **40** |
| **Teaching colloquia** | **30** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |