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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | Faculty of Occupational Safety in Niš |
| **GENERAL INFORMATION** |
| Study program  | Occupational Safety |
| Study Module (if applicable) | / |
| Course title | Toxicology |
| Level of study | ☒Bachelor ☐ Master’s ☐ Doctoral |
| Type of course | ☒ Obligatory ☐ Elective |
| Semester  | ☐ Autumn ☒Spring |
| Year of study  | 3rd |
| Number of ECTS allocated | 6 |
| Name of lecturer/lecturers | Danilo Popović, Tatjana Golubović |
| 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 toxic substances and their toxic effects, which is to be applied to occupational and environmental impact assessment. After this course students will be able to understand and apply their knowledge of toxicology to occupational and environmental safety, protection from fire and explosions, communal system management, and emergency management.* |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Subject, tasks and sub‐disciplines of toxicology; Toxic substances and their classification and properties; Uptake and exposure pathways; Toxicokinetics; Toxicodynamics; Inorganic and organic toxic substances; Practical lessons: Sampling methods; Chemical analysis methods; Quantitative composition of mixtures; Calculus exercises for toxic and chemical parameters; Laboratory work (quantitative determination of occupational and environmental toxic substances). |
| **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** | **5** | **Written examination** |  |
| **Practical teaching** | **10 + 15 (term papers)** | **Oral examination** | **40** |
| **Teaching colloquia** | **30 (15 + 15)** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |