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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | Faculty of Sciences and MathematicsDepartment of Biology and Ecology |
| **GENERAL INFORMATION** |
| Study program  | **Doctoral** |
| Study Module (if applicable) | / |
| Course title | **Bioindication and Biomonitoring of selected habitat** |
| Level of study | ☐Bachelor ☐ Master’s **☒** Doctoral |
| Type of course | ☐ Obligatory **☒** Elective |
| Semester  |  ☐ Autumn **☒**Spring |
| Year of study  | second |
| Number of ECTS allocated | 12 |
| Name of lecturer/lecturers | **Slaviša M. Stamenković** |
| 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 and skills on the use of different and specific methods and techniques using biological and environmental indicators as well as the development and use of biomonitoring system.- Ability to identify, identification and solving of issues by use of bio-indicators and the capability of creating and implementing monitoring of individual-specific habitat and the environment in general. - Building capacity for teamwork and knowledge transfer. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Anthropogenic ecosystems and their classification. Characteristics and structure of the urban ecosystem. Industrial ecosystems. Urban, suburban, peri-urban ecosystems. Types of habitats according to EUNIS classification. Research methodology, typology and mapping of urban, rural and other habitat. Flora and vegetation, fauna and fungi in urban ecosystems. Methodology of NEAP, REAP, LEAP. Other modes of teaching, Study research work |
| **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** | **/** | **Written examination** | **/** |
| **Seminar** | **40** | **Oral examination** | **60** |
| **Teaching colloquia** | **/** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |