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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | [**Faculty of Sciences and Mathematics**](http://wpresspmf.pmf.ni.ac.rs/?lang=en) |
| **GENERAL INFORMATION** |
| Study program  | **Tourism** |
| Study Module (if applicable) | **Tourism** |
| Course title | **Rural ecology** |
| Level of study | ☐Bachelor ☐ Master’s ☐ Doctoral |
| Type of course | ☐ Obligatory ☐ Elective |
| Semester  |  ☐ Autumn ☐Spring |
| Year of study  | **Second year** |
| Number of ECTS allocated | **7,5** |
| Name of lecturer/lecturers | **Tatjana Djekic** |
| Teaching mode |  ☐Lectures ☐Group tutorials ☐ Individual tutorials ☐Laboratory work ☐ Project work ☐ Seminar ☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| **The course aims-Training students for understanding ecological status of rural ecosystems, as well. Environmental problems in rural areas. Linking the concept of sustainable development of rural areas and anthropogenic influences. Training for sustainable management of rural ecosystems on the basis of the principles of environmental protection.outcomeQualifying students in the implementation of activities in the planning and preparation of local strategic and action plans for sustainable rural development and environmental protection in rural areas, as well as the identification and participatory planning of solving environmental problems** |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| **Contentstheoretical studyAnthropogenic ecosystems and their classification. Characteristics and structure of the rural ecosystem. Agro-ecosystems. Suburban ecosystems. EUNIS habitat types according to the classification in rural and suburban ecosystems. Flora and vegetation, fauna and fungi of rural ecosystems. The dynamics of plant and animal populations in rural ecosystems. Overview and ecology of rural habitats. Village as the ecological system. Environmental aspects of rural development. Flora rural biotope the case of the rural areas of the city of Nis. Relations and trade of energy in the rural ecosystem. The effect of pollutants on plants and animals in rural ecosystem. Seminary work.Practical teaching: Exercise, Other modes of teaching, Study research workDetermining the structure of different types of rural ecosystem. Research methodology, typology and mapping of rural habitat simulation of various types of development REAP and LEAP.**  |
| **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** | **55** |
| **Practical teaching** | **10** | **Oral examination** | **45** |
| **Teaching colloquia** | **40** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |