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| **UNIVERSITY OF NIŠ** | | | | | | |
| **Course Unit Descriptor** | | **Faculty** | | | **Faculty of Sciences and Mathematics** | |
| **GENERAL INFORMATION** | | | | | | |
| Study program | | | | **Geography** | | |
| Study Module (if applicable) | | | |  | | |
| Course title | | | | Geography of Soils | | |
| Level of study | | | | Bachelor  Master’s  Doctoral | | |
| Type of course | | | | Obligatory  Elective | | |
| Semester | | | | Autumn Spring | | |
| Year of study | | | | II | | |
| Number of ECTS allocated | | | | 6 | | |
| Name of lecturer/lecturers | | | | Ranko Dragović | | |
| 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 the conditions of soil formation, classification of soil and geographical distribution of soil types; introduction to the basic properties of the soil as a three-phase system; getting to know the characteristics of soil horizons and profiles; soil sampling; Examination of soil profile pit; preparation of soil maps; Serbian land mapping; land cover mapping by geographic information systems; raising awareness about the limited exploitation of soil and its pollution and protection. | | | | | | |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** | | | | | | |
| Definition and object; the origin and formation of soil cover – physical and geographical factors; systematics and classification of land and criteria for pedological differentiation; physico-chemical and biological properties of the soil; Soil phases (solid, liquid and gas); tags in soil science; the basic physical properties of the soil; physico-chemical and biological properties of soil types; geographical distribution of soil cover on the Earth; Soils of Serbia - types, varieties and forms, characteristics, distribution; the vulnerability of land - land degradation and pollution. | | | | | | |
| **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** | **8+2** | | **Written examination** | | |  |
| **Practical teaching** | **10** | | **Oral examination** | | | **55** |
| **Teaching colloquia** | **25** | | **OVERALL SUM** | | | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** | | | | | | |