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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 | [x] Bachelor [ ]  Master’s [ ]  Doctoral |
| Type of course | [ ]  Obligatory [ ]  Elective |
| Semester  |  [x]  Autumn [ ] Spring |
| Year of study  | II |
| Number of ECTS allocated | 6 |
| Name of lecturer/lecturers | Ranko Dragović |
| Teaching mode |  [x] 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** |
| [x] 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** |