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| Study programme: Bachelor with Honours in Geography Teaching, Bachelor with Honours in Geography, Integrated Academic Studies (Geography and Informatics, Biology and Geography) | | | |
| Course title: Pedology - basics | | | |
| Teacher(s): dr Slobodan Marković | | | |
| Status: elective | | | |
| ECTS: 6 | | | |
| Requirements: none | | | |
| Learning objectives Students will be familiar with the definition of pedology, basic concepts and types of pedological processes. | | | |
| Learning outcomes After completion of the course Pedology - basics science student is expected to: demonstrate an understanding of phenomena and processes occurring in the soil for sustainable development, expressed willingness and ability to interpret the concept of real consideration of problems of pollution pedosphere and solving these problems, primarily related to the protection and rational management of land as a national asset | | | |
| Syllabus <i>Theoretical part:</i> Basic concepts in soil sciences, pedosphere, physical and chemical soil properties, biological properties of soils, soil pedogenesis, soil classifications, geography of soil, soil damage and protection of soils. <i>Practical part:</i> Methodology of field research, morphological properties of soils, soil mapping and laboratory measurements of physical and chemical properties of soils. | | | |
| Literature 1) Miljković, N.S. (1996): Osnovi pedologije. Institut za geografiju, Novi Sad. 2) Miljković, N.S., Marković, S.B.(2001): Osnovi pedologije – praktikum. Institut za geografiju, Novi Sad. 3) Singer, M.J., Munns, D.N. (2002): Soils an Introduction. Prentice Hall, 429pp 4) Schaetzi, R.J., Anderson, S. (2009): Soils. Cambridge Unversity Press. 817 pp | | | |
| Weekly teaching load 3 (45) | Lectures 2 | Exercises 1 | |
| Methods of Teaching Classes will be realized in the form of lectures and seminar papers. Lectures are conducted using a computer presentation, films, slides, as well as field work. The exercises are performed practically in the laboratory and field work. | | | |
| Grading method (maximu 100 points) | | | |
| Pre-examination assignments | points | Final examination | points |
| Activities during lectures | 0-5 | Written examination | |
| Activities during exercises | 0-5 | Oral examination | 30-45 |
| Colloquia | 20-40 | | |
| Seminar paper | 0-5 | | |