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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  | Geography |
| Study Module (if applicable) | **Geography** |
| Course title | **Geological Resources** |
| Level of study | ☐Bachelor ☐ Master’s ☐ Doctoral |
| Type of course | ☐ Obligatory ☐ Elective |
| Semester  |  ☐ Autumn ☐Spring |
| Year of study  | **The first year** |
| Number of ECTS allocated | **5** |
| Name of lecturer/lecturers | **Velimir Jovanovic** |
| 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 aimsIntroduction to basic geological resources and their impacts on the spatial and economic developmentoutcomeTo enable students to become familiar with the geological resources of certain areas in our country |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| ContentsTheoretical lectures: Basic concepts of geological resources. Basic concepts and principles of classification of mineral deposits (as genesis and a series of useful raw materials). Important genetic types of deposits and the manner of their formation. The importance of mining and processing of raw materials for economic and regional development. Deposits of metallic, nonmetallic raw materials and energy - Deposits some important metallic, non-metallic raw materials and energy, important global and our reservoirs. Geological prospecting of construction materials - walls as technical and architectural stone, stone for the production of building materials and as a raw material in the industry. Building land - Building land with all its benefits and limitations, the possibility of constructing buildings on different geological environments. Groundwater as a resource - The origin, characteristics and occurrence of groundwater, thermal and thermo-mineral water, the possibility of using underground water. Geological monuments - term geological monuments, important geological monuments in our country and their protection.Practical classes: Introduction to geological resources of certain areas in our country, the preparation for seminar papers. Preparation and presentation of seminar papers |
| **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** | **40** |
| **Practical teaching** | **/** | **Oral examination** | **60** |
| **Teaching colloquia** | **40** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |