

Level: bachelor			
Course title: General Geology and Mineralogy			
Status: obligatory			
ECTS: 7			
Requirements: none			
<p>Learning objectives</p> <p>Geology and Mineralogy are among the basic disciplines of Physical Geography. It is the study of the lithosphere, where it is closely linked with the natural sciences that study the Earth's inner and outer spheres. The goal is to study the composition, structure and development of lithosphere. The course, in addition to the introductory part, includes three other parts. The first part refers to the study of minerals in rocks. The second section deals with the processes of magmatism, exogenous processes and tectonic movements. The third section covers paleogeography or reconstruction of physical - geographical conditions during the geological history of our planet.</p>			
<p>Learning outcomes</p> <p>Understand core areas of geology and environmental geology, and interpret a wide range of the Earth's processes on different temporal and spatial scales. Demonstrate the skills of interpretive analysis and critical thinking with respect to geological problems involving temporal and spatial relationships.</p>			
<p>Syllabus</p> <p><i>Theoretical instruction</i></p> <p>Introduction to the course Mineralogy and the minerals Igneous process - plutonic and volcanic. Igneous rocks. Exogenic geological processes. Sedimentary rocks. Tectonic processes and features. Seismology. Metamorphism. Metamorphic rocks. Paleogeography – Archean, Proterozoic, Phanerozoic (Paleo-, Mezo-, Cenozoic)</p> <p><i>Practical instruction</i></p> <p>Department' geological collection studying Analysis of geological sections Presentation of collection from the Institute for Nature Conservation of Vojvodina</p>			
Weekly teaching load			Other:
Lectures: 3	Exercises: 2	Other forms of teaching:	