

Study programme: Bachelor with honours in Geography Teaching, Bachelor with honours in Geography			
Course title: General Geology and Mineralogy			
Teacher(s): dr Mladen Jovanović			
Status: compulsory			
ECTS: 7			
Requirements: none			
Learning objectives Getting to know the basics of mineralogy. Introduction to the age of the planet, its internal structure, endogenous and exogenous processes. Reviewing the historical development of the lithosphere, flora and fauna. Detailed knowledge of the types and structure of rocks.			
Learning outcomes Mastering knowledge about the composition, structure and development of the lithosphere. Understanding the patterns of the process in the lithosphere and application of this knowledge in other courses in field of Physical Geography. Ability to independently identify rocks and the processes by which they are formed.			
Syllabus <i>Theoretical part:</i> History of Geology; Mineralogy and minerals – petrogenous and metallic; Geological time; Earth internal structure; Plate tectonics; Tectonics and seismicity; Magmatism, igneous rocks; Exogenous geologic processes, sedimental rocks; Matamorphism and metamorphic rocks; Basic of paleogeography – Archaean, Proterozoic, Paleozoic, Mesozoic, Cenozoic, <i>Practilac part:</i> Introduction to the geological collection of the Department Introduction to Geology paleontologist collection of the Institute for Nature Conservation of Vojvodina. Introduction to the geological structure of Fruska Gora			
Literature Lutgens, F.K. 2009. Essentials of Geology. Pearson Prentice Hall, New Jersey. Wicander, R., Monroe, J.S. 2013. Historical geology, evolution of earth and life through time. Brooks/Cole Heferan, K. 2010. Earth materials. Wiley-Blackwell, Oxford. Maley, T. 2005. Field geology illustrated. Mineral Land Publications, Idaho.			
Weekly teaching load 5 (75)	Lectures 3	Exercises 2	
Methods of Teaching Frontal teaching, dialogue, illustrative and demonstrative, practical 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		