

Study Program: GEOGRAPHY			
Type and level of studies: Bachelor studies			
Course name: GEOMORPHOLOGY 2			
Lecturer: Nikola Bačević			
Status: Compulsory subject			
ECTS: 8			
Attendance prerequisites:			
Course aims Introduction to the basic tectonic and erosion processes on Earth. Classification of relief shapes depending on the dominant geomorphological agent.			
Course outcome			
Course content			
<i>Theoretical part</i> Hydrological-morphological specifics of karst, Morphological evolution of the selected karst areas in Serbia, Coastal erosion: process, intensity and modifiers, Research methods, Erosive and accumulative forms, Genetic and morphological classification of coasts, Relationship between fluvial and abrasive landforms in Serbia, Glacial erosion and: process, intensity and modifiers, Causes of Pleistocene glaciation, Quantitative methods of study, Erosive and accumulative forms of relief, Traces of Pleistocene glaciation, Features of recent periglacial process in Serbia, Aeolian erosion: process and creation of erosive and accumulative processes, Experimental relief of Serbia, geomorphological regionalization and geomorphological mapping.			
<i>Practical Part:</i> Making a map of the slope of relief and determining its dependence on the geological composition, Making a map of energy and the energy relief, Map analysis, Field mapping using a geological compass, theodolite and clinometer, Orthogonal projection (of cave channels), Granulometric analysis of sediments, construction cumulative curves based on Wentworth's numbers, interpretation of obtained results, Morphometric analysis of sand-gravel material and interpretation of obtained results, Construction of metric and reduced longitudinal river profiles and their morphological analysis, Calcimetric and organometallic tufa analysis, Physical-chemical analysis of water, Measurement determination of the intensity of transport of chemical solutes, Intensity of mechanical water erosion, Logical and formal reconstruction of relief, Geomorphological mapping.			
Literature			
<ol style="list-style-type: none"> Петровић, Д., Манојловић, П. (2003): <i>Геоморфологија</i>, Географски факултет, Београд; Манојловић, П., Драгићевић, С. (2003): <i>Практикум из геоморфологије</i>, Географски факултет, Београд; Лазаревић, Р. (1994): <i>Ледено доба у нашој земљи и свету</i>, Српско географско друштво, Београд; Derbyshire, E.(1976): <i>Geomorphology and Climate</i>, John Njiley & Sons, Bristol; Ford. D., Williams P. (1989): <i>Karst Geomorphology and Hydrology</i>, Unwin Hyman, London. 			
Number of active classes	Lectures: 3	Practical classes: 3	
Teaching methods Lectures (3 classes per week during the semester), calculation exercises (3 classes per week during the semester).			
Assessment (maximum 100 points)			
Course assignments	points	Final exam	points
Lectures	10		
Term tests	30	oral exam	50
Term papers	10	