

Study programme: MAS Geography			
Course title: Applied Geomorphology			
Teacher(s): dr Branko Ristanović			
Status: elective			
ECTS: 6			
Requirements: none			
Learning objectives Applied study of the Earth's relief and explore its specifics, ie. deviation of the observed geographic space of the general geomorphological legality.			
Learning outcomes Master research methods and presentation of results, adopt techniques geomorphological analysis.			
Syllabus <i>Theoretical part:</i> Qualitative and quantitative geomorphologic analysis. Methods of geomorphologic analysis (analysis of topographic maps, geological maps analysis, analysis of satellite and aerial photographs, mathematical and statistical analysis, experimental testing methods, laboratory tests). The field methods (observation through routes, border monitoring, recording profiles, stationary observation). <i>Practilac part:</i> Analysis of energy relief, slope angle analysis, comparison of the real situation of relief with the theoretical model (theoretical analogue of the longitudinal profile of watercourse-logarithmic curve, parabola, a theoretical model of development of the relief in time), the analysis of erosion integral, hypsometric analysis, spatial deviation of surfaces of modern relief of local erosion base, geomorphological mapping and others.			
Literature Marković, M. 1983. Osnovi primenjene geomorfologije. Geoinstitut. Posebna izdanja. Knjiga 8. Beograd. Marković, M., Pavlović, R., Čupković, T. 2003. Geomorfologija. Rudarsko-geološki fakultet. Beograd.			
Weekly teaching load 4 (60)		Lectures 2	Exercises 2
Methods of Teaching Frontal, multimedial presentations, dialogue, practical exercises			
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		