

Study program		Study cycle Orientation		I study cycle Geography in Education								
SUBJECT												
Subject name		Applicative Cartography										
Subject code		Semester		Subject status		ECTS credits	Contact hours					
FG 107.5-1		II		Mandatory		5	125					
Prerequisites												
Assigned professors and assistants		Subject Leader		Dr. Sc. Snježana Musa, full professor								
		Teaching Assistants										
Subject objectives		Application of knowledge on creating a geographical map, design of content, presentation methods, interpretation of maps in regional and spatial planning, application of modern cartographic representations and IT programs for their creation.										
SUBJECT CONTENT												
o.n.	Teaching units					Contact hours						
						L	P	S	C			
1.	Geographical content on topographic maps: reviewing relief.					2	4	2	2			
2.	Analysis (reading) relief from maps.					2	2	1	1			
3.	Cartographic signatures.					2	2	1	1			
4.	Toponyms and cartographic transcriptions.					2	2	1	1			
5.	Topographic maps.					2	2	1	1			
6.	Elements of topographic maps. Measurement on topography maps.					2	4	2	2			
7.	Test 1					2						
8.	Contemporary topographic maps.					2	2	1	1			
9.	Thematic maps.					2	2	1	1			
10.	Methods of thematical presentations.					2	2	1	1			
11.	Digital cartography.					2	2	1	1			
12.	Atlas. Digital atlas.					2	2	1	1			
13.	Cartography models.					2	2	1	1			
14.	History of cartography.					2	2	1	1			
15.	Test 2					2						
STUDENT WORKLOAD (HOURS)												
Contact Hours (L+P)		60	Practical work			Seminars	15	Exam study time		30		
Literature – reading		5	Written papers			Consultations	15	TOTAL		125		
LITERATURE					EVALUATION OF KNOWLEDGE AND CRITERIA							
MANDATORY LITERATURE: <ul style="list-style-type: none"> Musa, S; Šakić, D. 2015: Primijenjena kartografija, Sveučilište u Mostaru, Mostar Robinson, A. H., Morrison, J. L., Muehrcke, P. C., Kimerling, A. J., Guptill, S. C. 1995.: Elements of Cartography, John Wiley&Sons, New York. Peterca, M. 1974. :Cartography, VGI, Belgrad Lovrić, P. 1988.: General Cartography, SN Liber, Zagreb. Frančula, N. 2002.: Digital Cartography, 3. edition, Geodetski fakultet.Zagreb. Slocum, T.A. 1999.: Thematic Cartography and visualization, Prentice Hall, New Jersey. ADDITIONAL LITERATURE: <ul style="list-style-type: none"> MacEachren, Alan M. 1995.: How Maps Work. Representation, Visualization and Design, The Guilford Press, New York. Salihović, A.1974.: Applicative Cartography, University of Sarajevo, Sarajevo Kraak, M.J., Ormeling, F. 2003: Cartography: Visualization of Geospatial Data, Pearsons Education Limited, Edinburgh 					PARAMETERS		Maximum Points		Minimum points			
					1.	Attendance		10		6		
					2.	Participation on lectures		10		6		
					3.	Midterm exam		20		11		
					4.	Seminar		15		8		
					5.	Students project		15		8		
					6.	Final exam		30		16		
					Total			100		55		

