

Study program		Study cycle Orientation		I study cycle Geography in Education		
SUBJECT						
Subject name		Graphical Methods and Models in Geography				
Subject code	Semester	Subject status		ECTS credits	Contact hours	
TG-118-1	II	Optional		2	50	
Prerequisites						
Assigned professors and assistants	Subject Leader		Dr. Sc. Haris Jahić, assistant professor			
	Teaching Assistants					
Subject objectives	Acquiring knowledge for the realization of geographic information through graphic expression. Using basic statistical and graphical methods. The basic and required elements of graphics. The application of direct and indirect graphical methods.					
SUBJECT CONTENT						
o.n.	Teaching units	Contact hours				
		L	P	S	C	
1.	Introduction	1	1			
2.	The theoretical framework of the didactic application of graphical methods and models	1	1			
3.	Systematization of graphical models and methods	1	1		1	
4.	Mandatory contents of graphical models and methods	1	1		1	
5.	Systems of graphical models and methods development	1	1		1	
6.	The characteristic of the subject graphic methods and models	1	1		1	
7.	Scale of graphical methods	1	2		1	
8.	Test 1	1				
9.	Application of the direct graphical method	1	1			
10.	Unstructured diagrams	1	1			
11.	Structure diagrams	1	1			
12.	Profiles	1	1			
13.	Network diagrams	1	1			
14.	Non-quantitative maps	1	1			
15.	Quantitative maps	1	2			
STUDENT WORKLOAD (HOURS)						
Contact hours (L+P)	30	Practical work	10	Seminars	Exam study time	
Literature – reading		Written papers		Consultations	TOTAL	
					10	
					50	
LITERATURE			EVALUATION OF KNOWLEDGE AND CRITERIA			
MANDATORY Šterc, S.: Grafičke metode u nastavi, Školska knjiga, Zagreb, 1990. Petz, B.: Osnovne statističke metode za nematematičare, Liber, Zagreb, 1981. ADDITIONAL Monkhouse, F.J.-Wilkinson, H.R.: Maps and Diagrams, Methuen, London, 1978.				PARAMETERS	Maximum Points	Minimum points
			1.	Attendance	5	3
			2.	Participation on lectures	5	3
			3.	Midterm exams	40	22
			4.	Seminar	10	6
			5.	Students project		
			6.	Final exam	40	21
			Total		100	55