Study program				Study cycle First study cycle										
				Orientation Regional and Spa					atial Planning					
			\!:		SUBJECT	4: -1 1								
Gasjootname				d wat	er in regional and spa	tiai pian								
•			emester	Subject status ECTS mandatory 5										
RPP- 305-2 V Prerequisites					mandatory			125						
	gned			_	Dr. Co. Aida Karianiá									
professors and		Subje	Subject Leader Dr. Sc. Aida Korjenić, associate professor Dr. Sc. Edin Hrelja, assistant professor											
assistants		Tanahin	A:-t-											
Subject objectives  Subject objectives  regional and spat - Exploring and ac climatic and hydro climatic potential - Exploring and ac techniques of rem spatial planning; - Exploring and ac				ves are: cquiring knowledge about the application of climatic resources in ial planning; cquiring knowledge about the application of the water resources in the ial planning; cquiring knowledge about the content and structure of sets of thematic cological maps for the purposes of identification and evaluation of hydro- in the regional and spatial planning; cquiring knowledge about the application of modern GIS models and note sensing in the evaluation of hydro-climatic potential in regional and cquiring knowledge about water and climate resources for the purpose of										
		regional a	and spati	aı pıa	nning in Bosnia and He SUBJECT CONTEN		<u>ıa</u>							
							<u> </u>		Contac	t hours				
#	Teaching units							L	Р	S	С			
1.	of identifi	rdro-climatic basis of regional and spatial plans. Methodological concept identification and evaluation of basic hydro-climatic parameters in atial plans of different levels of regional and spatial planning.								1				
2.	The main climatic elements and their application in spatial plans or different levels of regional and spatial planning. Solar radiation and duration of sunshine - evaluation and implementation in regional and spatial plans. Application of annual and seasonal isohel maps in regional and spatial planning. Practical analytical work of students on selected examples.								3	2	1			
3.	Valorisation of air temperatures in regional and spatial plans. Application of annual and seasonal maps of isotherms in regional and spatial planning. Practical analytical work of students on selected examples.							2	3	2	1			
4.	Valorisation of humidity and cloudiness in regional and spatial planning. Application of annual and seasonal isohygro and isoneph maps - ir regional and spatial planning. Practical analytical work of students on selected examples.							2	2	1				
5.	Valorisation of precipitation in regional and spatial planning. Application of annual and seasonal isohyet maps in regional and spatial planning. Practical analytical work of students on selected examples. Valorisation of wind in regional and spatial planning. Application of annual season maps of wind speed and direction in regional and spatial planning. Practical analytical work of students on selected examples.							2	3	2	1			
6.	Weather disasters in regional and spatial plans. Application of annual and seasonal maps of weather disasters in regional and spatial planning. Practical analytical work of students on selected examples. Valorisation of climate types in regional and spatial plans. Development and implementation of climate types maps in regional and spatial planning. Practical analytical work of students on selected examples.								1	1				
7.	The first test							2						

8.	The main hydrological parameters and their application in regional and spatial plans of different levels of planning. Thematical hydrological mapping in regional and spatial plans of different levels of planning.											
9.	River basin and planning.	2	2	2	1							
10.	Water supply in regional and spatial plans of different levels of planni Water supply of the population and ecenomy in regional and spatial plan of different levels of planning.								3	1	1	
11.		al plans. Applica and spatial pla amples.		2	2	1	1					
12.	<ol> <li>Valorisation of lakes in regional and spatial planning. Application of may of lakes in regional and spatial planning. Practical analytical work students on selected examples.</li> </ol>								2	1	1	
13.	Application of	maps	risation and appliation of sources in regional dents on selected example.	al and	spa			2	2	1		
14.	Defining and valorisation of water protection zones in regional and spatial planning. Implementation of measures to protect water protection zones in regional and spatial planning. Practical analytical work of students on selected examples.								2	1	1	
15.	Waste water in regional and spatial planning. Surveying and mapping sewage. Measures to protect the population and adequate economic branches of wastewater in regional and spatial planning Practical analytical work of students on selected examples.								2	1		
			STUDENT V	VORK	LO	AD (HOURS)						
Contact Hours (L+P) 60 Practical work 15						Seminars 20			study tim	ne 10		
Literatu	re – reading		Other (state) 10			TOTAL 125						
	LIT		EVALUATION OF KNOWLEDGE AND CRITERIA									
Require	Required  1. Đorđević, J. (2004.): Tipologija fizičko- geografskih faktora u prostornom planiranju.					PARAMETERS			mum ints	Minimum points		
						Attendance     Participation on lectures			5		3	
geo									5		3	
Beograd.  2. Kicošev, S., Dunčić, D. (1998.): Geografske osnove prostornog planiranja, Institut za geografiju PMF Novi Sad, Novi Sad.  3. Marinović – Uzelac (1989): Teorija namjene površina u urbanizmu. Zagreb.  4. Gavrilović, Lj. (1988): Hidrologija u prostornom					<ul><li>3. Midterm exams</li><li>4. Seminar</li></ul>			40		22		
								10		6		
					<ul><li>5. Students project</li><li>6. Final exam</li></ul>			Δ	.0	21		
					Total			100		55		
planiranju, Prirodno-matematički fakultet, Univerzitet u Beogradu, Beograd.												
Recommended												
7 2. [	Praktikum iz Hidrografije kopna I, Prirodno- matematički fakultet u Sarajevu, Sarajevo.											