Study program	Study cycle	First study cycle
	Orientation	Regional and Spatial Planning

SUBJECT

Subject name	**Relief in Regional and Spatial Planning**			
Subject code	Semester	Subject status	ECTS credits	Contact hours
RPP-328-2	VI	mandatory	5	125

Prerequisites		
Assigned professors and assistants	Subject Leader	Dr.sci. Emir Temimović, full professor Dr.sci. Edin Hrelja, assistant professor
	Teaching Assistants	
Subject objectives	Relief present the basis of regional and spatial planning. Goal is to train students for studying and exploring geomorphological materials for the needs of regional and spatial planning, as well to present processed material in regional and spatial plans.	

SUBJECT CONTENT

Ordinal	Teaching units	Contact hours			
		L	P	S	C
1.	Relief and relief forms, the role of relief dynamics and relief elements in regional and spatial planning	2	2	2	1
2.	Analysis of denudation-accumulation relief	2	2	2	1
3.	Analysis of denudation-tectonic and accumulation-tectonic relief	2	2	2	1
4.	Slope relief analysis	2	2	2	1
5.	Analysis of fluvial and fluviodenudation relief	2	2	2	1
6.	Abrasive relief analysis	2	3	3	1
7.	Karst relief analysis and spatial planning on karst terrains	2	2	2	2
8.	Test	2			
9.	Terrain slope analysis in regional and spatial planning	2	2	2	1
10.	Analysis of hypsometric characteristics of the terrain in regional and spatial planning	2	2	2	1
11.	Analysis of relief distribution in regional and spatial planning	2	2	2	1
12.	Landslide identification, formation and use of digital databases for the purpose of regional and spatial planning	2	2	2	1
13.	Isolation and mapping of relief forms in regional and spatial planning	2	2	2	1
14.	Relief evaluation in regional and spatial planning	2	2	2	1
15.	Geomorphological regionalization	2	3	3	1

STUDENT WORKLOAD (hours)

Contact Hours (L+P)	60	Practical work		Seminars	30	Exam study time	10
Literature – reading	10	Written papers		Other (state)	15	TOTAL	125

LITERATURE

MANDATORY:

- Marković, M., et al.., 2003: Geomorfologija, Beograd.
- Đorđević, J., 2004: Tipologija fizičko-geografskih faktora u prostornom planiranju, Beograd.
- Kicošev, S., Dunčić, D., 1998: Geografske osnove prostornog planiranja, Novi Sad.
- Marinović-Uzelac, A., 2001: Prostorno planiranje, Zagreb

ADDITIONAL:

- Faivre, S., Radeljak, P., Žiković Grbac, R., 2013: Formiranje i upotreba digitalnih baza podataka o klizištima u svijetu i Hrvatskoj, Hrvatski geografski glasnik 75/1, 43-69.
- Počekal, N., Loborec, J., Meaški, H., 2016: Izrada karte rizika od pojave klizišta primjenom GIS tehnologije – primjer općine Bednja, Hrvatska.
- Bognar, A., 2001: Geomorfološka regionalizacija Hrvatske, Acta Geohraphica Croatica 34., 7-29.
- Bognar, A., Bognar, H., 2010: Geoekološko vrednovanje reljefa R. Hrvatske, u: Zbornik radova, Geoekologija XXI vijeka, Teorijski i aplikativni zadaci, Crna Gora.
- Bognar,A., 1992: Inžinjersko geomorfološko kartiranje, Acta Geohraphica Croatica 27., 173-185.
- Lozić, S., 1995: Vertikalna raščlanjenost reljefa

EVALUATION OF KNOWLEDGE AND CRITERIA

	Parameters	Maximum Points	Minimum points
1.	Attendance	5	3
2.	Participation on lectures	5	3
3.	Midterm exams	40	22
4.	Seminar	10	5
5.	Final exam	40	22
Total		100	55

kopnenog dijela Republike Hrvatske, Acta Geohraphica Croatica 30., 17-28