

Study program		Study cycle		I study cycle			
		Orientation		Regional and Spatial Planning			
SUBJECT							
Subject name		Tectonic Geomorphology					
Subject code	Semester	Subject status	ECTS credits	Contact hours			
FG-103.1-2	II	Mandatory	5	125			
Prerequisites							
Assigned professors and assistants		Subject Leader	Dr.sci. Emir Temimović, full professor				
		Teaching Assistants	Ahmed Džaferagić, MA, teaching assistant				
Subject objectives	Acquiring knowledge about various endogenous geomorphological processes and forms developed in this process. Studying and learning about tectonic movements and their morphological significance, genesis and evolutionary classification of mountains, tectonic plates and global relief of the Earth and genesis of oceanic basins. Also, volcanic and seismic phenomena and forms will be studied. In conclusion, knowledge about the importance of endogenous landforms necessary for various socio-economic activities in the world and Bosnia and Herzegovina is acquired.						
SUBJECT CONTENT							
Ordinal	Teaching units	Contact hours					
		L	P	Other			
1.	Introduction	2	2	1			
2.	Endogenous forces and their geomorphological significance	2	4	2			
3.	Tectonic movements and forms	2	2	1			
4.	Tangential movements and forms	2	2	1			
5.	Tectogenesis of fold mountains and orogenic phases	2	2	1			
6.	Radial movements and forms	2	2	1			
7.	Tectogenesis of fault mountains	2	2	1			
8.	Test	2					
9.	Cratons and global relief of the Earth	2	2	1			
10.	Macro landforms of the continents	2	2	1			
11.	Bottom relief of the ocean basins	2	2	1			
12.	Volcanic phenomena and forms (Part I)	2	2	1			
13.	Volcanic phenomena and forms (Part II)	2	2	1			
14.	Seismic phenomena and forms	2	2	1			
15.	The importance of endogenous landforms for conducting various socio-economic activities	2	2	1			
STUDENT WORKLOAD (hours)							
Contact Hours	60	Practical work		Seminars	35	Exam study time	30
Literature – reading		Written papers		Consultations		TOTAL	125
LITERATURE			EVALUATION OF KNOWLEDGE AND CRITERIA				
MANDATORY: <ul style="list-style-type: none"> • Temimović, E., Korjenić, A., Jahić, H.: Tektonska geomorfologija, Prirodno-matematički fakultet Univerziteta u Sarajevu, Sarajevo, 2018. • Marković, M. i dr.: Geomorfologija, Beograd, 2003. • Bogнар, A.: Globalna tektonika ploča i reljef Zemlje, Geografski horizont, Zagreb, 1981. • Bogнар, A.: Osobine i zakonomjernosti oblikovanja strukturnog reljefa Zemlje, Geografski horizont, Zagreb, 1990. ADDITIONAL: <ul style="list-style-type: none"> • Petrović, D., Manojlović, P.: Geomorfologija, Beograd, 1997. • Burbank, D., Anderson, R.: Tectonic Geomorphology, Blackwell Science, Malden-Oxford-Carlton, 2001. • Marović, M.: Geotektonika, Beograd, 2005. • Herak, M.: Geologija, Školska knjiga, Zagreb, 1987. 				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	
Notes:							