

Study program		Study cycle Orientation		I study cycle Regional and Spatial Planning								
<b>SUBJECT</b>												
Subject name		<b>Geocological Imbalances and Consequences</b>										
Subject code		Semester		Subject status		ECTS credits	Contact hours					
GE-301.3-2		V		Mandatory		5	125					
Prerequisites												
Assigned professors and assistants		Subject Leader		Dr. Sc. Haris Jahić, assistant professor								
		Teaching Assistants										
Subject objectives		Acquisition of knowledge about global environmental issues. Detection of causes and consequences of the imbalance. Recognition of essence of natural and anthropogenic impacts on the environment.										
<b>SUBJECT CONTENT</b>												
#	Teaching units						Contact hours					
							L	P	S	C		
1.	The growth of the human population and the environment						2	2		1		
2.	Demographic explosion and regional differences						2	2		1		
3.	Urbanization and the environment. The main flows of urbanization						2	2		1		
4.	Energy and energy impact on the quality of the environment						2	2		1		
5.	The future of economic resources						2	2		1		
6.	Atmospheric complex						2	4		2		
7.	The sources of pollution of the atmosphere						2	2		1		
8.	Temperature inversion and air pollution						2	2		1		
9.	Local and global effects of atmospheric pollution						2	2		1		
10.	The first test						2					
11.	Hydrosphere complex. Paleogeographic conditions for formation of the hydrosphere.						2	2		1		
12.	Inventories of water on the Earth.						2	2		1		
13.	The consumption of water on Earth						2	2		1		
14.	Pedosphere complex. The emergence, problems and directions of protection.						2	2		1		
15.	Anthropogenic effects on plants and animals. The consequences of these impacts						2	2		2		
<b>STUDENT WORKLOAD (HOURS)</b>												
Contact Hours		60	Practical work			Seminars		35	Exam study time		30	
Literature – reading			Written papers			Other (Consultations)			TOTAL		125	
<b>LITERATURE</b>						<b>EVALUATION OF KNOWLEDGE AND CRITERIA</b>						
<b>MANDATORY:</b> 1. Spahić, M. (1999.): Osnove geoekologije, Harfograf, Tuzla; 2. Matas, M. i dr. (1989.): Zaštita okoline danas za sutra, Školska knjiga, Zagreb 3. Crnogorac, Č. (2006.): Geografske osnove zaštite životne sredine, Drugo izdanje, PMF, Banjaluka  <b>ADDITIONAL:</b> 1. Grupa autora (2014.): Primjenjena ekologija, Ministarstvo poljoprivrede i zaštite životne sredine, Beograd							PARAMETERS		Max. Points		Min. points	
						1.	Attendance		5		3	
						2.	Participation on lectures		5		3	
						3.	Midterm exam		40		22	
						4.	Seminar		10		6	
						5.	Students project					
						6.	Final exam		40		21	
						Total			100		55	