

Study program		Study cycle		I study cycle				
		Orientation		Tourism and Environmental Protection				
SUBJECT								
Subject name		Causes of the Geoecological Imbalances						
Subject code		Semester	Subject status	ECTS credits	Contact hours			
GE-301.4-3		V	Mandatory	5	125			
Prerequisites								
Assigned professors and assistants		Subject Leader	Dr. sc. Edin Hrelja, assistant professor					
		Teaching Assistants						
Subject objectives		Acquiring knowledge about global environmental issues. Detect the causes and consequences of the imbalance. Recognize the essence of natural and anthropogenic impacts on the environment.						
SUBJECT CONTENT								
#	Teaching units				Contact hours			
					L	P	S	C
1.	Causes of the Geoecological Imbalances (Introductory lecture).				2	2	2	1
2.	Natural causes of geoecological imbalances.				2	2	2	1
3.	Human population growth and the environment.				2	2	2	1
4.	Regional differences of demographic explosion and environmental impact				2	2	2	1
5.	Physicalgeographic and socialgeographic conditions of population growth.				2	3	3	1
6.	Agricultural land and world population				2	3	3	
7.	Partial exam				2			
8.	Urbanization and environment.				2	2	2	1
9.	The main flows of urbanization. Urban systems.				2	2	2	1
10.	Current trends of urbanization. The impact of industry on environmental quality.				2	2	2	1
11.	Rural systems and the environment. The impact of agriculture on the environment.				2	2	2	1
12.	Energy resources. Modern energy consumption in the world				2	2	2	1
13.	Arrangement of energy resources in the world and in Bosnia and Herzegovina.				2	2	2	
14.	Impact of Energy on environmental quality				2	2	2	
15.	The future of natural resources.				2	2	2	
STUDENT WORKLOAD (HOURS)								
Contact Hours	60	Practical work		Seminars	30	Exam study time	10	
Literature – reading	15	Written papers		Other(state)	10	TOTAL	125	
LITERATURE				EVALUATION OF KNOWLEDGE AND CRITERIA				
Mandatory: 1. Lješević, M., 2005: Životna sredina 3, Beograd. 2. Plut, D., 2004: Geografske metode proučavanja degradacije okolja Univerzitet u Ljubljani. 3. Matas, M., 1989: Simončić, V. Šobot, S.: Zaštita okoline danas za sutra, Školska knj., Zagreb. 4. Spahić, M., 1999: Osnove geoekologije, Harfo - graf Tuzla. 5. Franklin, D., Andrews, J., 2015: Megapromjena, Kako će svijet izgledati 2050, Naklada, Ljevak,				1.	Attendance	5	3	
				2.	Participation on lectures	5	3	
				3.	Partial exam	40	22	
				4.	Seminar	10	5	
				5.	Students project			
				6.	Laboratory report			
				7.	Colloquium			
				8.	Final exam	40	22	
				Total		100	55	

Zagreb.

Optional:

1. Agencija za zaštitu okoliša (AZO), 2015: Kartiranje i procjena ekosustava i njihovih usluga u Hrvatskoj, Zagreb

2. Lješević, M., 1980: Životna sredina: Teorija i metodologija istraživanja, Beograd.