

CURRICULUM

STUDY PROGRAMM: ENVIRONMENTAL PROTECTION					
/FIRST STUDY CYCLE – SYSTEM 4+1/					
FIRST YEAR		FIRST SEMESTER			
CODE	TEACHING COURSES	Teaching structure (weekly)		Number of ECTS	Total number of contact hours and student workload
		Lectures	Exercises		
GE-102-4	Introduction to Geoecology	2	2	6	30L + 30E (150)
FG - 111-4	Geology	2	2	6	30L + 30E (150)
FG-101-4	Meteorology	2	2	6	30L + 30E (150)
M-001	Mathematics	2	2	6	30L + 30E (150)
Total first semester-required courses:		8	8	24	120L+ 120E (600)
EJ-107	Englysh language 1	2	2	6	30L + 30E (150)
FG-107.6-4	Thematic mapping	2	2	6	30L + 30E (150)
GE-149-4	Sociology and geospace	2	2	6	30L + 30E (150)
FG-110-4	Geoheritage	2	2	6	30L + 30E (150)
Total first semester-elective courses:		2	2	6	30L+ 30E (150)
TOTAL required + elective courses:		10	10	30	150L+ 150E (750)
		SECOND SEMESTER			
FG-102.5-4	Climatology	2	2	6	30L + 30E (150)
FG-103-4	Geomorphology	2	2	6	30L + 30E (150)
FG-1.7.8-4	Cartography with Topography	2	2	6	30L + 30E (150)
STAT-114/I	Statistics	2	2	6	30L + 30E (150)
Total second semester-required courses:		8	8	24	120L+ 120E (600)
EJ-107/I	English language 2	2	2	6	30L + 30E (150)
FG-104.3-4	Oceanography	2	2	6	30L + 30E (150)
GE-153-4	Climate Changes	2	2	6	30L + 30E (150)
FG-103.1-4	Tectonic Geomorphology	2	2	6	30L + 30E (150)
Total second semester -elective courses:		2	2	6	30L+ 30E (150)
TOTAL required + elective courses:		10	10	30	150L+ 150E (750)

SECOND YEAR		THIRD SEMESTER			
CODE	TEACHING COURSES	Teaching structure (weekly)		Number of ECTS	Total number of contact hours and student workload
		Lectures	Exercises		
FG-204-4	Hydrology	2	2	6	30L + 30E (150)
GIS-202-4	Geoinformatics	2	2	6	30L + 30E (150)
DG-201.1-4	Economic Geography	2	2	6	30L + 30E (150)
DG-202-4	Demography	2	2	6	30L + 30E (150)
Total third semester – required courses:		8	8	24	120L+ 120E (600)
GIS-235-4	Geovisualization	2	2	6	30L + 30E (150)
FG-256-4	Meteorological aspects of pollution	2	2	6	30L + 30E (150)
RPP - 252-4	Natural accidents and risks in regional and spatial planning	2	2	6	30L + 30E (150)
FG-204.9-4	Lakes of Bosnia and Herzegovina	2	2	6	30L + 30E (150)
Total third semester-elective courses:		2	2	6	30L+ 30E (150)
TOTAL required + elective courses:		10	10	30	150L+ 150E (750)
		FOURTH SEMESTER			
DG-207-4	Urban and Rural Geography	2	2	6	30L + 30E (150)
GIS-211-4	GIS	2	2	6	30L + 30E (150)
FG-205-4	Biogeography	2	2	6	30L + 30E (150)
FG-206-4	Pedology	2	2	6	30L + 30E (150)
Total fourth semester-required courses:		8	8	24	120L+ 120E (600)
RG-201.1-4	Principles and methods of geographic regionalization	2	2	6	30L + 30E (150)
FG-211.8-4	Petrography with mineralogy	2	2	6	30L + 30E (150)
DG-202.11-4	Demographic statistics	2	2	6	30L + 30E (150)
GE-238-4	Habitats of Bosnia and Herzegovina	2	2	6	30L + 30E (150)
Total fourth semester-elective courses:		2	2	6	30L+ 30E (150)
TOTAL required + elective courses:		10	10	30	150L+ 150E (750)

THIRD YEAR		FIFTH SEMESTER			
CODE	TEACHING COURSES	Teaching structure (weekly)		Number of ECTS	Total number of contact hours and student workload
		Lectures	Exercises		
RG-329-4	Geography of Bosnia and Herzegovina	2	2	6	30L + 30E (150)
GE-351-4	Methods of air quality analysis	2	2	6	30L + 30E (150)
GE-352-4	Methods of water quality analysis	2	2	6	30L + 30E (150)
GE-311-4	Sustainable management of protected areas	2	2	6	30L + 30E (150)
Total fifth semester – required courses:		8	8	24	120L+ 120E (600)
GE-317-4	Natural hazards and protection	2	2	6	30L + 30E (150)
FG - 311.7-4	Geochemistry	2	2	6	30L + 30E (150)
GF - 004	Geophysics	2	2	6	30L + 30E (150)
GIS-307-4	Application of GIS in geospatial foundations of the environment	2	2	6	30L + 30E (150)
Total fifth semester-elective courses:		2	2	6	30L+ 30E (150)
TOTAL required + elective courses:		10	10	30	150L+ 150E (750)
		SIXTH SEMESTER			
GE-348-4	Biomonitoring	2	2	6	30L + 30E (150)
GE-318-4	Applied Geoecology	2	2	6	30L + 30E (150)
GE-354-4	Practice in Geoecology 1	2	2	6	30L + 30E (150)
GE-355-4	Methods of soil quality analysis	2	2	6	30L + 30E (150)
Total sixth semester -required courses:		8	8	24	120L+ 120E (600)
GIS-301.5-4	GIS practicum	2	2	6	30L + 30E (150)
GE-356-4	Environmental economist	2	2	6	30L + 30E (150)
GE-301.3-4	Geoecological imbalances and consequences	2	2	6	30L + 30E (150)
GE-350-4	Legal aspects in environmental protection	2	2	6	30L + 30E (150)
Total sixth semester-elective courses:		2	2	6	30L+ 30E (150)
TOTAL required + elective courses:		10	10	30	150L+ 150E (750)

FOURTH YEAR		SEVENTH SEMESTER			
CODE	TEACHING COURSES	Teaching structure (weekly)		Number of ECTS	Total number of contact hours and student workload
		Lectures	Exercises		
GE-443-4	Sustainable development in protected areas	2	2	6	30L + 30E (150)
GE-407-4	Methodology of geoloecological research	2	2	6	30L + 30E (150)
GE-404-4	Urban Geoecology	2	2	6	30L + 30E (150)
GE-457-4	Waste management	2	2	6	30L + 30E (150)
Total seventh semester – required courses:		8	8	24	120L+ 120E (600)
GE-458-4	Ore deposits	2	2	6	30L + 30E (150)
GE-422-4	Ecotourism	2	2	6	30L + 30E (150)
GE-425-4	Planning and management in protected natural areas of Bosnia and Herzegovina	2	2	6	30L + 30E (150)
GIS-429-4	GIS programming	2	2	6	30L + 30E (150)
Total seventh semester-elective courses:		2	2	6	30L+ 30E (150)
TOTAL required + elective courses:		10	10	30	150L+ 150E (750)
		EIGHT SEMESTER			
GE-401.6-4	Geoecological problems of Bosnia and Herzegovina	2	2	6	30L + 30E (150)
GE-401.8-4	Natural resources and their protection	2	2	6	30L + 30E (150)
GE-460-4	Practice in Geoecology 2	2	2	6	30L + 30E (150)
TG-412-4	Final paper of first study cycle	2	2	6	30P + 30E (150)
Total eight semester-required courses:		8	8	24	120L+ 120E (600)
GE-401.9-4	Geoecological and tourism aspects in regional and spatial planning	2	2	6	30L + 30E (150)
GE-461-4	Karst areas and their	2	2	6	30L + 30E (150)

	protection				
GE-462-4	Spatial plans of special purpose areas	2	2	6	30L + 30E (150)
GE-431-4	Management of degraded areas	2	2	6	30L + 30E (150)
Total eight semester-elective courses:		2	2	6	30L+ 30E (150)
TOTAL required + elective courses:		10	10	30	150L+ 150E (750)