

COURSE: REGIONAL AND SPATIAL PLANNING					
/FIRST STUDY CYCLE – RSP 4+1/					
FIRST YEAR		FIRST SEMESTER			
TEACHING COURSES	CODE	TEACHING STRUCTURE (WEEKLY)		NUMBER OF ECTS	TOTAL NUMBER OF CONTACT HOURS AND STUDENT WORKLOAD
		Lectures	Exercises		
Introduction to regional and spatial planning	RPP-106.1-2	2	2	6	30P+ 30V (150)
Geology	FG-111.0-2	2	2	6	30P+ 30V (150)
Meteorology	FG-101-2	2	2	6	30P+ 30V (150)
Mathematics	M-001	2	2	6	30P+ 30V (150)
Total first semester - required courses		8	8	24	120P+ 120V (600)
English Language I	EJ-107	2	2	6	30P+ 30V (150)
Thematic Mapping	FG-107.6-2	2	2	6	30P+ 30V (150)
Introduction to Geoecology	GE-102-2	2	2	6	30P+ 30V (150)
Basic Methods and Techniques of Spatial planning	RPP-114-2	2	2	6	30P+ 30V (150)
Total first semester-elective courses		2	2	6	30P+ 30V (150)
SECOND SEMESTER					
Climatology	FG-102.5-2	2	2	6	30P+ 30V (150)
Geomorphology	FG-103-2	2	2	6	30P+ 30V (150)
Cartography with Topography	FG-1.7.8-2	2	2	6	30P+ 30V (150)
Statistics	STAT-114/I	2	2	6	30P+ 30V (150)
Total second semester – required courses		8	8	24	120P+ 120V (600)
English Language II	EJ-107/I	2	2	6	30P+ 30V (150)
Oceanography	FG-104.3-2	2	2	6	30P+ 30V (150)
Climate Changes	GE-1.4.53-2	2	2	6	30P+ 30V (150)
Tectonic Geomorphology	FG-103.1-2	2	2	6	30P+ 30V (150)
Total second semester – elective courses		2	2	6	30P+30V (150)
Total – required + elective courses		10	10	30	150P+ 150V (750)

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II YEAR		THIRD SEMESTER			
TEACHING COURSES	CODE	TEACHING STRUCTURE (WEEKLY)		NUMBER OF ECTS	TOTAL NUMBER OF CONTACT HOURS AND STUDENT WORKLOAD
		Lectures	Exercises		
Hidrology	FG-204-2	2	2	6	30P+ 30V (150)
Geoinformatics	GIS-202-2	2	2	6	30P+ 30V (150)
Economic Geography	DG-201-2	2	2	6	30P+ 30V (150)
Demography	DG-202-2	2	2	6	30P+ 30V (150)
Total first semester - required courses		8	8	24	120P+ 120V (600)
Geovisualization	GIS-235-2	2	2	6	30P+ 30V (150)
Collection, integration and geovisualization of geospatial data	GIS-227-2	2	2	6	30P+ 30V (150)
Natural accidents and risks in regional and spatial planning	RPP-248-2	2	2	6	30P+ 30V (150)
Environmental planning	RPP-213-2	2	2	6	30P+ 30V (150)
Total first semester-elective courses		2	2	6	30P+ 30V (150)
FOURTH SEMESTER					
Urban and Rural Geography	DG-207-2	2	2	6	30P +30V (150)
GIS	GIS-211-2	2	2	6	30P +30V (150)
Biogeography	FG-205-2	2	2	6	30P +30V (150)
Pedology	FG-206-2	2	2	6	30P +30V (150)
Total second semester – required courses		8	8	24	120P+ 120V (600)
Principles and methods of geographical regionalization	RG-201.1-2	2	2	6	30P +30V (150)
Petrography with Mineralogy	FG-211.8-2	2	2	6	30P +30V (150)
Demographic statistics	DG-202.11-2	2	2	6	30P +30V (150)
Spatial Organization of Economic Activities	DG-201.8-2	2	2	6	30P +30V (150)
Total second semester – elective courses		2	2	6	30P+30V (150)

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III YEAR		FIFTH SEMESTER			
TEACHING COURSES	CODE	TEACHING STRUCTURE (WEEKLY)		NUMBER OF ECTS	TOTAL NUMBER OF CONTACT HOURS AND STUDENT WORKLOAD
		Lectures	Exercises		
Geography of Bosnia and Herzegovina	RG-329-2	2	2	6	30P+ 30V (150)
GIS Programming	GIS-229-3	2	2	6	30P+ 30V (150)
Valorization of Geological and Geomorphological Resources in Spatial Planning.	RPP-354-2	2	2	6	30P+ 30V (150)
Urban Planning I	RPP-332-2	2	2	6	30P+ 30V (150)
Total first semester - required courses		8	8	24	120P+ 120V (600)
Remote Sensing	GIS-304-2	2	2	6	30P+ 30V (150)
Principles and Methods of Regional and Spatial Planning	RPP-334-2	2	2	6	30P+ 30V (150)
Strategic Spatial Planning	RPP-311-2	2	2	6	30P+ 30V (150)
Climate Changes and Urban Planning	RPP-323-2	2	2	6	30P+ 30V (150)
Total first semester-elective courses		2	2	6	30P+ 30V (150)
SIXTH SEMESTER					
Valorization of Climate and Hydrological Resources in Spatial Planning	RPP-355-2	2	2	6	30P+ 30V (150)
Valorization of Pedological and Biogeographical Resources in Spatial Planning	RPP-356-2	2	2	6	30P+ 30V (150)
Urban Planning II	RPP-334-2	2	2	6	30P+ 30V (150)
Spatial Planning Practice I	RPP-302.5-2	2	2	6	30P+ 30V (150)
Total second semester – required courses		8	8	24	120P+ 120V (600)
Environmental Aspects in Spatial Planning	RPP-357-2	2	2	6	30P+ 30V (150)
Regional Policy of the European Union and Bosnia and Herzegovina	RPP-346-3	2	2	6	30P+ 30V (150)
GIS Application in Regional and Spatial Planning	GIS-308-2	2	2	6	30P+ 30V (150)
Practicum in GIS	GIS-301.5-2	2	2	6	30P+ 30V (150)

Total second semester – elective courses	2	2	6	30P+30V (150)
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IV YEAR		SEVENTH SEMESTER			
TEACHING COURSES	CODE	TEACHING STRUCTURE (WEEKLY)		NUMBER OF ECTS	TOTAL NUMBER OF CONTACT HOURS AND STUDENT WORKLOAD
		Lectures	Exercises		
Demographic Resources in Spatial Planning	DG-445-2	2	2	6	30P+ 30V (150)
Urban Planning III	RPP-435-2	2	2	6	30P+ 30V (150)
Regulatory planning I.	RPP-459-2	2	2	6	30P+ 30V (150)
Rural Planning and Rural Development	RPP-461-2	2	2	6	30P+ 30V (150)
Total first semester - required courses		8	8	24	120P+ 120V (600)
Legal Aspects in Regional, Spatial and Urban Planning	RPP-468-2	2	2	6	30P+ 30V (150)
Spatial Planning and Economic Development	RPP-410-2	2	2	6	30P+ 30V (150)
Geospatial Databases and Digital Environmental Mapping	GE-459-2	2	2	6	30P+ 30V (150)
Methodology of Environmental Spatial Planning	GE-414-2	2	2	6	30P+ 30V (150)
Total first semester-elective courses		2	2	6	30P+ 30V (150)
EIGHT SEMESTER					
Urban Planning IV	RPP-436-2	2	2	6	30P+ 30V (150)
Regulatory Planning II	RPP-460-2	2	2	6	30P+ 30V (150)
Spatial Planning Practice II	RPP-402.6-2	2	2	6	30P+ 30V (150)
Final Thesis of the I Study Cycle	TG-412-2	2	2	6	30P+ 30V (150)
Total second semester – required courses		8	8	24	120P+ 120V (600)
Web GIS and ArcGIS Online - Development of a Smart Web GIS Project	GIS-423-2	2	2	6	30P+ 30V (150)
GIS Application in Spatial Planning of Smart Cities	GIS-115-2	2	2	6	30P+ 30V (150)
Geocological and Touristic Aspects in Regional and Spatial Planning	RPP-430-2	2	2	6	30P+30V (150)
Transport Planning	RPP-471-2	2	2	6	30P+ 30V (150)
Total second semester – elective courses		2	2	6	30P+ 30V (150)