



Subject code: RPP-357-2	Subject name: Environmental aspects in spatial planning		
Study cycle: I	Year: III	Semester: VI	ECTS credits: 6
Status: Elective		Contact hours: 60 Lectures: 30 Practical courses: 30	
Assigned professors and assistants:	Lecturers and assistants selected for the field to which the course belongs		
Prerequisites:	/		
Subject objectives:	Acquiring knowledge about the importance of environmental planning and the impacts of spatial and urban planning on environmental quality, analysis of natural and socio-geographical characteristics of the environment, methods and techniques of environmental research for the needs of spatial and urban planning. Also, training students to create databases and multi-criteria spatial analyses using modern geoinformation technologies for the needs of environmental planning. Mastering knowledge about the principles of preserving and improving environmental quality, and measures for preventing and remediating environmental quality, while respecting legal regulations, agreements and contracts at the national and international levels.		
Teaching units:	1. Introductory considerations, theoretical framework for studying the environment for the purpose of spatial planning; 2. The importance of environmental planning - the impacts of spatial and urban planning on environmental quality; 3. Components and factors of environmental planning; 4. Analysis of natural and social geographical characteristics of the environment for the purpose of spatial planning; 5. General methods and techniques of environmental research for the purposes of spatial planning; 6. Special methods and techniques of environmental research for the purposes of urban and spatial planning; 7. Creation of databases and application of geoinformation technologies in spatial planning; 8. Partial exam 9. Multicriteria spatial analysis for the purpose of spatial		



	and urban planning; 10. Environmental quality, Sources of environmental pollution - cadastre of pollutants, Environmental threat, consequences of environmental pollution 11. Principles of environmental improvement and protection through the process of urban and spatial planning; 12. Measures for prevention and rehabilitation of environmental quality through spatial and urban planning; 13. Determining priorities in environmental planning 14. Environmental protection measures, Legal and institutional framework of environmental aspects in spatial planning, legal regulations for environmental protection, public participation in spatial planning; 15. International conventions, agreements, projects, standards and other relevant environmental protection documents that should be respected within the framework of spatial planning.
Learning outcomes:	Knowledge: • analyzes natural geographical and socio-geographical elements of the natural environment from the aspect of determining the impacts of urban and spatial planning on the state of the environment. • recognizes the impacts of urban and spatial planning on the state of the environment. Skills: • applies methods and techniques of environmental research for the purpose of urban and regional planning, • applies data from relevant institutions and institutes on the state of environmental quality, • applies the legal framework at the national level, agreements and contracts at the international level in order to improve and protect the environment through the process of urban and spatial planning. Competencies: • independently assesses natural and social geographical elements in the spatial planning process; • independently evaluates the environment for the purpose of urban and spatial planning; • independently applies methods and techniques and basic procedures in the preparation of urban and spatial planning documents and documents related to



	environmental protection.		
Teaching methods:	Multimedia presentation and discussion (lecture); independent student research and joint analysis (practical courses).		
Knowledge testing methods with grading structure ¹ :		Maximum Points	Minimum points
	Attendance	5	3
	Participation on lectures	5	3
	Tests	40	22
	Seminar paper	10	5
	Final exam	40	22
	TOTAL	100	55
	Assessment:		
	Grade	ECTS grade	Points scale
	10	(A) excellent	95 - 100
	9	(B) very good	85 - 94
8	(C) good	75 - 84	
7	(D) satisfactory	66 - 74	
6	(E) sufficient	55 - 64	
5	(F, FX) insufficient	55	
Literature ² :	Mandatory:		
	1. Bublin, M., 2010: Prostorno planiranje i zaštita okoline, Univerzitet u Sarajevu, Građevinski fakultet, Sarajevo.		
	2. Đorđević, J., 2004.: Tipologija fizičkogeografskih faktora u prostornom planiranju. Beograd.		
	3. Marinović – Uzelac 1989.: Teorija namjene površina u urbanizmu. Zagreb.		
	Additional:		
	1. Grupa autora, 2002.: Prostornim planskim instrumentima do djelotvornijih rješenja, Zagreb.		
	2. Kicošev, S., Dunčić, D.,1998.: Geografske osnove prostornog planiranja, Institut za geografiju PMF Novi Sad, Novi Sad.		
	3. Grupa autora: Strategija zaštite okoliša Federacije Bosne i Hercegovine 2008-2018. Sarajevo.		
	4. Uredba o jedinstvenoj metodologiji za izradu		

¹ The structure of points and point criteria for each subject is determined by the Council of the organizational unit before the beginning of the academic year in which the subject is taught in accordance with Article 64, paragraph 6 of the Law on Higher Education of Sarajevo Canton

² The Senate of the higher education institution as an institution or a council of the organizational unit of the higher education institution as a public institution determines mandatory and recommended textbooks and manuals, as well as other recommended literature on the basis of which exams are prepared by a special act which is required to be published on its website before the beginning of the academic year in accordance with Article 56, paragraph 3 of the Law on Higher Education of the Sarajevo Canton.



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dokumenata prostornog uređenja, Službene novine
Federacije BiH. br.63., 2004.