



UNIVERSITY OF SARAJEVO – FACULTY OF SCIENCE
SUBJECT DESCRIPTION

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Subject code: FG-467-2	Subject name: Urban Planning IV		
Study cycle: I	Year: IV	Semester: VIII	ECTS credits: 6
Status: Mandatory		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:	- Introduction and acquisition of knowledge for students on advanced aspects of spatial and urban planning - Introduction to and acquisition of knowledge for students on complex spatial issues - Familiarization with and acquisition of skills for students in addressing real challenges in the field of urban planning - Introduction to and acquisition of knowledge for students on models of geoinformatics management of urban phenomena and processes - Introducing and equipping students with knowledge about models of geoinformatics management of urban phenomena and processes - Applications of digital thematic datasets in the urban planning process		
Teaching units:	1. Urban infrastructure - capacities and issues of organization 2. Determining optimal developmental directions and the sequence of engaging spatial units 3. Determining the degree and intensity of construction in urban areas 4. Mutual coordination of residential and communal construction, development of social activities, and economic development, spatio-temporally 5. Establishing the fundamentals of long-term city policy in the housing sector 6. Establishing the fundamentals of long-term city policy in the municipal sector 7. Inventory and valorization of residential and commercial real estate. Rationality of residential complex locations in the city 8. First test		



	9. Analysis of space for future construction for collective housing facilities 10. Analysis of space for future construction for individual housing units 11. Analysis of conditions for complex residential construction in the old urban area 12. General housing conditions in areas designated for future development 13. Intensity, construction methods, and utilization of urban space 14. Valuation of costs for the construction of new residential settlements 15. Municipal economy - significance, development, economic indicators
Learning outcomes:	Knowledge: • The student describes complex urban issues in urban environments • The student identifies and analyzes the causes and consequences of urban problems Skills: • The student employs advanced methods and tools used in urban planning, including GIS spatial data analysis and modeling • The student proposes solutions for identified issues in spatial development of urban areas by applying concepts of sustainable development and resilience of urban areas Competencies: • The student presents proposals for solutions to identified spatial issues in urban planning documents. • The student applies models of geoinformatics in managing urban phenomena and processes • The student presents opportunities for applying digital thematic datasets in the process of urban planning.
Teaching methods:	Multimedia presentation and discussion (lecture); independent research by students, collaborative analysis, and practical work in relevant application software (practical courses).



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Knowledge testing methods with grading structure ¹ :	<i>Points</i>		
	Attendance	5	3
	Participation on lectures	5	3
	Tests	40	21
	Seminar paper	10	6
	Final exam	40	22
	TOTAL	100	55
	Assessment:		
	<i>Grade</i>	<i>ECTS grade</i>	<i>Points scale</i>
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. Stambeno preduzeće Sarajevo, 1971: Program izgradnje i prostornog razvoja grada Sarajeva za period 1971 – 1985., Skupština grada Sarajeva, Sarajevo.		
	2. Mujagić, N., 2010: Prostorno planiranje i uređenje prostora. Fakultet za javnu upravu, Sarajevo.		
	3. Bublin, M. 2000.: Prostorno planiranje, Univerzitetska knjiga, Sarajevo.		
	4. Marinović-Uzelac, A. 2001: Prostorno planiranje, Dom i svijet, Zagreb.		
	Recommended:		
	1. Grupa autora, 2012: Prostorni plan Federacije Bosne i Hercegovine – planski period: 2008 –2028. Urbanistički zavod BiH, IPSA Sarajevo I Ekoplan Mostar. Sarajevo - Mostar.		
	2. Zakon o prostornom planiranu i korištenju zemljišta na nivou Federacije Bosne I Hercegovine, Sarajevo, 2006.		
	3. Grupa autora, 2008: Prostorni plan Republike Srpske do 2015. Banja Luka.		
	4. Greinke, L., Franz, Y., Humer, A., Kazepov, Y., & Danielzyk, R. (2022). Exploring urban and regional infrastructure from a		

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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spatial perspective. European Journal of Spatial Development, 19(4), 99–104. <https://doi.org/10.5281/zenodo.7256948>