



UNIVERSITY OF SARAJEVO – FACULTY OF SCIENCE
SUBJECT DESCRIPTION

Form SP2

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Subject code: ZŽS/217		Subject name: Teritorial Organisation of Urban Systems	
Study Cycle: III	Year: I	Semester: II	ECTS credits: 6
Status: elective		Contact hours: 60 Lectures: 30 Practice: 30	
Assigned professors and assistants:	Professors and assistants from the field to which the subject belongs		
Prerequisites:	/		
Subject objectives:	The aim of the course is to master contemporary contents and concepts of urban systems. Introduce students to the theories of urban systems in the world. Special attention is focused on the interconnection of urban systems and the process of distribution of people, goods and activities in a certain territory.		
Teaching units:	1. Preliminary considerations; 2. Methods of determination and analysis of urban systems; 3. The role and importance of geography in the research of urban systems; 4. Development of urban systems in the world; 5. System of urban planning and territorial organization of space; 6. The role of urban systems in the development of economic activities; 7. Division and importance of urban systems; 8. Test 9. Post-industrial territorial organization of urban systems; 10. Functional-spatial structure of urban systems; 11. Network of Urban Systems; 12. Characteristics of modern urbanization; 13. Urbanization and urban change in the world; 14. Territorial cohesion of urban areas in the EU; 15. Future changes in modern urban systems in the world.		



Learning outcomes:	Knowledge: • student identifies all the important elements related to the urban system; • student critically understands the networks of urban systems in the world; Skills: • student independently performs tasks related to the spatial distribution of people, goods and activities in urban systems; • student independently determines and causally perceives the need to introduce modern methods and tools from urban planning; Competencies: • student independently elaborates and analyzes the applications of the theory of urban systems in concrete spatial units; • student will be able to determine and understand the need for modern methods and technologies in the network of urban systems.																															
Teaching methods:	Multimedia presentation and discussion (lectures); practical work, educational material analysis and discussion (exercises).																															
Knowledge testing methods with grading structure ¹:	<table><tr><td></td><td><i>Points</i></td></tr><tr><td>Oral discourses</td><td>25</td></tr><tr><td>Project Assignments</td><td>25</td></tr><tr><td>Final exam</td><td>50</td></tr><tr><td>TOTAL</td><td>100</td></tr></table> Assessment: <table><tr><td><i>Grade</i></td><td><i>ECTS grade</i></td><td><i>Points scale</i></td></tr><tr><td>10</td><td>(A) excellent</td><td>95 - 100</td></tr><tr><td>9</td><td>(B) very good</td><td>85 - 94</td></tr><tr><td>8</td><td>(C) good</td><td>75 - 84</td></tr><tr><td>7</td><td>(D) satisfactory</td><td>66 - 74</td></tr><tr><td>6</td><td>(E) sufficient</td><td>55 - 64</td></tr><tr><td>5</td><td>(F, FX) insufficient</td><td>55</td></tr></table>		<i>Points</i>	Oral discourses	25	Project Assignments	25	Final exam	50	TOTAL	100	<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
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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



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Literature²:

MANDATORY:

1. Vresk, M. (2002): Grad i urbanizacija - Osnove urbane geografije, Zagreb: Školska knjiga.
2. Levy, J. 2016. Contemporary Urban Planning, Routledge, London.
3. Bott, H., Grassl, G., Anders, S. 2019. Sustainable Urban Planning Vibrant Neighbourhoods – Smart Cities – Resilience, De Gruyter, Minhen.
4. Pogačnik, A. (1999): Urbanističko planiranje, Ljubljana: Univerza Ljubljani, Fakulteta za gradbeništvo in geodezijo.
5. Gekić, H., Bidžan-Gekić, A., Drešković, N., Mirić, R., Remenyi, P. (2022): The Geography of Bosnia and Herzegovina. Springer Nature, Switzerland.
6. Bettencourt, L. (2021): Introduction to Urban Science: Evidence and Theory of Cities as Complex Systems, MIT Press, Cambridge, Massachusetts.

² The Senate of the higher education institution as an institution or the 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 decision which must 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