



Subject code: RPP-435-2	Subject name: Urban Planning III		
Study cycle: I	Year: IV	Semester: VI	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:	Training students to participate in the process of creating strategic documents and plans as professionals who are familiar with integral spatial and planning forms of infrastructure. Introducing more complex systems of technical and social infrastructure. Mastering the concepts necessary for communication with experts from various subject areas.		
Teaching units:	1. Basic characteristics of infrastructure systems: Role in development and urban planning 2. Spatial-functional concept, location, and interdependence. Regional infrastructure systems 3. Interdependence of urban spatial parameters of residential areas and the scope of infrastructure equipping 4. Infrastructure systems in spatial plans 5. Infrastructure systems in urban plans 6. Principles of planning infrastructure systems, urban, regional units, and settlements 7. Types of plans. Methodological procedure, work content and activities, review and adoption. Priority selection. Programming of implementation 8. Test 9. Traffic infrastructure planning 10. Water management infrastructure planning 11. Energy infrastructure planning 12. Telecommunications planning 13. Social infrastructure and communal services planning 14. Maintenance and reconstruction of infrastructure 15. Ways of financing infrastructure construction		
Learning outcomes:	Knowledge: • Understanding the tools and methods that can be applied to analyze the current state of infrastructure		



	and prerequisites for future changes; • Understanding the relationship between theory and practice in infrastructure planning, and the connection with geographical factors in urban and regional development at the local, regional, and global levels. Skills: • Assessing and re-evaluating the complexity of infrastructure development planning from a local and regional perspective and connecting it with the social, economic, environmental, and political spatial context. • Using modern communication techniques and tools to illustrate and visualize infrastructure in different spatial units. Competencies: • Applying acquired knowledge and skills in infrastructure planning to the analysis, synthesis, and practice of urban development planning; • Contextualizing and evaluating infrastructure development plans with different spatial resource concepts and policies in various temporal, cultural, and institutional contexts.																																													
Teaching methods:	Multimedia presentation and discussion (lecture); independent student research and joint analysis (practical courses).																																													
Knowledge testing methods with grading structure¹:	<table><tr><td></td><td><i>Maximum Points</i></td><td><i>Minimum points</i></td></tr><tr><td>Attendance</td><td>5</td><td>3</td></tr><tr><td>Participation on lectures</td><td>10</td><td>6</td></tr><tr><td>Tests</td><td>30</td><td>16</td></tr><tr><td>Seminar paper</td><td>15</td><td>8</td></tr><tr><td>Final exam</td><td>40</td><td>22</td></tr><tr><td colspan="3"> </td></tr><tr><td>TOTAL</td><td>100</td><td>55</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></td></tr></table>		<i>Maximum Points</i>	<i>Minimum points</i>	Attendance	5	3	Participation on lectures	10	6	Tests	30	16	Seminar paper	15	8	Final exam	40	22				TOTAL	100	55	<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	
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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. Levy, J. 2016. Contemporary Urban Planning, Routledge, London. 2. Bott, H., Grassl, G., Anders, S. 2019. Sustainable Urban Planning Vibrant Neighbourhoods – Smart Cities – Resilience, De Gruyter, Minhen. 3. Parkin, J., Sharma, D. 1999. Infrastructure Planning, Thomas Telford Publishing, London. 4. Mandal, R. 2001. Introduction to Settlement Geography. New Delhi: Concept Publishing. 5. Grigg S.N. 1988. Infrastructure engineering and management. John Wiley & Sons, New York, Chichester, Brisbane, Toronto, Singapore 6. Humphries, M. 2022. National Infrastructure Planning Handbook, Bloomsbury Professional, London 7. Žegarac, Z. 1998. Infrastruktura. Beograd: Geografski fakultet.

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.