



Subject code: DG-445-2	Subject name: DEMOGRAPHIC RESOURCES IN SPATIAL PLANNING		
Study cycle: First	Year: IV	Semester: VII	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:		Demography	
Subject objectives:		To introduce students with the concept and phases of processing demographic indicators for the purposes of spatial planning.	
Teaching units:		1. Introductory considerations 2. Forms of presenting demographic data (Excel and GIS) 3. Analysis of total/general population dynamics 4. Methods of demographic analysis of fertility 5. Biological, social, and economic indicators of mortality – analytical indicators of mortality 6. Natural change as a component of population dynamics 7. Test I 8. Contemporary methodological approaches to migration analysis 9. Analysis of nuptiality and divorciality 10. Methodology for collecting and analyzing household data 11. Educational structure of the population – analysis and significance for demographic and economic development 12. Economic structure of the population – analysis and significance for demographic and economic development 13. Presentation of student projects 14. Presentation of student projects 15. Presentation of student projects	
Learning outcomes:		Knowledge: Gains expertise in methods and models used in researching changes in the quantitative and qualitative characteristics of the population. Systematically organizes and classifies various datasets necessary for demographic analysis as an integral part of planning documentation. Skills: Develops a strong understanding of GIS techniques and	



	their application in demographic research. Examines various demographic phenomena, events, and processes (creates thematic maps). Competencies: Identifies problem areas and proposes strategic demographic measures.																																										
Teaching methods:	Multimedia presentation and discussion (lecture); independent student research through task completion 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>5</td><td>3</td></tr><tr><td>Tests</td><td>25</td><td>13,5</td></tr><tr><td>Seminar paper</td><td>25</td><td>13,5</td></tr><tr><td>Final exam</td><td>40</td><td>22</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>55</td></tr></table>		<i>Maximum Points</i>	<i>Minimum points</i>	Attendance	5	3	Participation on lectures	5	3	Tests	25	13,5	Seminar paper	25	13,5	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	55
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Literature²:	Mandatory: 1. Nejašmić, I: Demogeografija - Stanovništvo u prostornim odnosima i procesima, Zagreb, 2005. 2. Breznik, D., Demografija – analiza, metode i modeli, Naučna knjiga, Beograd, 1980. 3. Pobrić, A., Avdić, A: Praktikum – demografske analize, Prirodno-matematički fakultet, 2021. Recommended: 1. Helen, D. et al., Population Geography: Social Justice for a Sustainable World, Routledge, 2023. 2. Wertheimer-Baletić, A., Stanovništvo i razvoj, Mate, Zagreb, 1999.																																										

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.