



Subject code: DG-202.11-2		Subject name: DEMOGRAPHIC STATISTICS	
Study cycle: First	Year: II	Semester: IV	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 development of population statistics worldwide, with a particular focus on Bosnia and Herzegovina. - To achieve student understanding of the methodology of population censuses and vital statistics, as well as accurate interpretation of demographic calculations, in alignment with EUROSTAT and UN recommendations. - To enable students to solve practical problems using Microsoft Excel and GIS applications.	
Teaching units:		1. Subject, objectives, and tasks of demographic statistics 2. Sources of population data 3. Methods of collecting demographic data 4. Census statistics – methodology, units, and characteristics 5. Basic demographic measures 6. Basic absolute and relative values 7. Total/general population dynamics – rate calculations 8. Test I 9. Statistics of natural population change (fertility and mortality measures) 10. Nuptiality – analysis 11. Methodology for collecting and analyzing household data 12. Population structures 13. Demographic models 14. Migration indicators and methods of analysis 15. Population forecasts and projections	
Learning outcomes:		Knowledge: To apply appropriate methods for processing data from relevant population data sources and calculate demographic measures.	



	Skills: To identify and determine the significance of specific data for the analysis of demographic indicators. Competencies: To utilize digital tools and create independent measures for various demographic research studies.		
Teaching methods:	Multimedia presentation and discussion (lecture); independent student research through task completion and joint analysis (practical courses).		
Knowledge testing methods with grading structure¹:		<i>Maximum points</i>	<i>Minimum 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	
Literature²:	Mandatory:		
	1. Breznik, D., Demografija – analiza, metode i modeli, Naučna knjiga, Beograd, 1980. 2. 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.