

Subject code: TG 402-1	Subject name: INTRODUCTION TO SCIENTIFIC RESEARCH			
Ciklus: I	Year: IV	Semester: VIII	ECTS credits: 5	
Status: mandatory		Contact hours: 125 Lectures: 30 Exercises:30		
Assigned professor and assistants:	ſS			
Prerequisits:	/			
Subject objectives:	methodology Teaching stu subject of th	in geography, standard udents to independently he research project, the of the scientific resear	ly interpret the specifics of and special research methods. y define the goals, tasks and e structure and phases of the ch and independently prepare	
Teaching units:	2.Methodolog theory 3.Basic resea 4.Identificati 5.Selection an geographicat 6.Collecting s 7.Methods an Selection of s 8.First test 9.Methods of classification 10.Methods of natural envir 11.Processing 12.Articles co 13.Hypothese 14.Scientific	 3.Basic research methods and method features 4.Identification and determination of research problem 5.Selection and application of research methods in the system of geographical sciences 6.Collecting scientific materials 7.Methods and research methodology of geographical space. Selection of scientific methods in problem solving 		
Learning outcomes	s: science, sing characteristi	Knowledge: The student will be able to explain the division of science, single out the types of scientific research, explain characteristics of methods and types of research methods, the student will know how to explain the function of methodology and		



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	specifics of methodology in geography and the student will know how to determin scientific problem and set up a hypothesis.			
	standard goals, tas	and special researc sks and subject of	able to explain apply and analyze h methods, independently define the the research project and how to v to write a report on the finished	
	structure scientific ו	and phases of scien	be able to independently interpret the tific research, independently prepare ate and present (in written and verbal	
Teaching methods:	Lectures are theoretical and practical based on the analysis of research methods used in geography and the analysis of categories of scientific papers and the content of scientific work.			
	Knowledge assessment - criteria:Lecture and exercise attendance: maximum 10 - minimum 6 pointsActivity in class: maximum 10 - minimum 5 pointsTest: maximum 40 - minimum 22 pointsFinal exam: maximum 40 - minimum 22 pointsTotal 100 points, passing requirement: 55 points minimum.Assessment:			
Knowledge testing	Grade	ECTS grade	Points scale	
methods with grading	10	(A) excellent	95 – <i>100</i>	
structure ¹ :	9	(B) very good	85 - 94	
	8	(C) good	75 - 84	
	7	(-))		
		(D) satisfactory	66 - 74	
	6	(E) sufficient	55 - 64	
	5 < 55	(F, FX) insufficient		

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the relationship between methodology and scientific theory, the

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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Form SP2

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Literature ² :	MANDATORY: Vrišer, I.(1997): Metodologija ekonomske geografije, Filozofska fakulteta Univerza v Ljubljani, Odelek za geografijo, Ljubljana. Đurđev, S. B. (2000): Metodologija naučnog rada, Univerzitet u Novom Sadu, Novi Sad. Filipović, M. (2004): Uvod u metodologiju naučnog rada, Svjetlost, Sarajevo. Spahić, M. (1999): Osnove geoekologije (geografske osnove životne sredine), Tuzla
	RECOMMENDED: Zelenika, R. (1998): Metodologija i tehnologija izrade znanstvenog i stručnog djela, Rijeka. Šamić, M. (1990): Kako nastaje naučno djelo, Sarajevo

 $^{^2}$ 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