				Faculty of thematics a phy	Philoso	SARAJEVO phy prmatics, Math		s and			
Full course title		Algebra									
Department		Departme	ent of Mathem		ulty of P						
Course code				Status		Semester				ECTS	
MR7-3			obligatory . prof. Emil Ilić-Georgijević, PhD			VII				5	
Lecturer/s Teachin	Asso	DC. prot. E	mil llic-Georgi	jevic, PhD							
assistant/s	Jeler	na Radovi	ć, MSc								
Number of cla	aching workload		Individual workload (number of hours per sem				ester)		ndividual workload coefficient S₀¹		
L	(per wee AT		LT	L		AT		LT		1.5	
2	2		0	45		45		0			
total teaching wo	number of 60 h	nber of hours per semester) total individual workload (number h 90 h						er of hou	rs per semester)		
		Total co	al course workload (teaching + individual): 150 hours per semester								
Learning outcomes	2. Int 3. Fa 4. C1	troduction amilirity wi гицање о		sions epts and the a из алгебр	eorms o pe које	f Galois theory омогућава пра	ћење н	апредн	них курсе	ева из алгебре и из	
Requirements	None					•					
Teaching method			rials, homewo		i						
Course content (by weeks)	2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14.	 Cauchy's theorem. p-subgroups. Conjugacy. Sylow's theorems. Direct group products, and group sums. Solvable groups. Unsolvability of S_n, n ≥ 5. Finite abelian groups. Rings. Rings of polynomials. 									
Author	/c							Yea	r	Pages (from - to)	
I.N. Herstein		То						1975.	•		
I. Stewart								1990.			
			0	Complemer							
Authors/s			Title, publisher Yea					Yea	r Pages (from - to)		
Obligations, form of assesment and grading	s	Types of student work evaluation Pre-exam obligations attendande of lectures/tutorials homeworks written test 1						Points 5 5 20 20	Percentage 5% 5% 20% 20%		
grauniy	Final	written test 2 Final exam final exam (oral)							-		
	TOT					fina	al exam	(oral)	50 100	50% 100 %	

Web page	
Date of	
verification	