Level				Level of studies		Third cycle						
Study program Titl			Title of the study program Science and n			and mathe	nathematics education					
				COL	IRSE							
Cour	se title		Methodolo	egy of Educational I	Resea	rch I						
Course ID Semester			Course status E			ECTS c	TS credits Co		ntact hours			
EDU601			Ι	Mandatory			9	9		75		
Lecturers Lecturer in charge Prof. dr. Ner Other lecturers Prof. dr. Ser					min Đapo ada Kalabušć							
Cour	se aims			with the most used q dge and skils to desig	gn and	d conduct resea		educatio	onal reso	earch		
				CON	ΓΕΝΊ	ר -						
#	Teaching units									Contact hours L E/S C		
	Introduction to methodology of educational research							L E/ 30 4			С	
<ul> <li>Metric characteristics of instruments (Reliability, validity, discrimination)</li> <li>Research process steps</li> <li>Quantitative research methods (experiment, causal-comparative research, correlational study, survey study)</li> <li>Internal and external validity</li> <li>Research design</li> <li>Statistical methods (descriptive statistics, distribution and probability, hypothesis testing, t-test, ANOVA, correlation and regression)</li> </ul>												
		L	ITERATURE	ASSESSMENT OF LEARNING								
1.						Assessment	method			Thres	reshold	
			gim društvenim	znanostima.	1.	Partial exam	S		30		16	
C	Naklada Slap, Jastrebarsko. 2. Jack R Fraenkel, Norman E. Waller			11 on (2008) II our	2. 3					ļ	17	
2.				ate Research in Education, 7 <sup>th</sup>		Final exam	al exam		40		22	
	edition. McGraw Hill Higher Ed				4.							
3.	Anthony M. Graziano, Raulin, Michael L (2009).			Total		100		55				
	Research N	/lethoo	ds: A Process of									
	edition. A											
4.	John Creswell (2007). Planning, Conducting, and Evaluating Quantitative and Qualitative Research:											
	Internation	Quan al Edi	ition 3 <sup>rd</sup> edition	. Prentice Hall.								
5.			d.). (2006). The									
2.				ces. Cambridge								
	University	Press.		-								
6.			06) Educational									
	•	l Prac	ctice (Edition 8)	, Allyn & Bacon,								
	Boston.											