

<b>Study programmes:</b> MASTER STUDIES - Mathematics			
<b>Course name:</b> Research methodology in teaching of mathematics			
<b>Lecturers:</b> Milan Božić			
<b>Status:</b> Optional			
<b>ECTS:</b> 8			
<b>Attendance prerequisites:</b> -			
<b>Course aims:</b> Acquisition of knowledge and skills necessary for exploratory work in teaching of mathematics.			
<b>Course outcome:</b> Upon completion of the course the students have knowledge and skills necessary for exploratory and scientific work in teaching of mathematics.			
<b>Course content:</b> Fundamentals of pedagogical research with emphasis on teaching of mathematics Introduction to IRT (Item Response Theory) Introduction to statistical software SPSS Seminar work			
<b>Literature:</b> 1. Cohen, L, Manion, L, Morrison, K, (2007): Metode istraživanja u obrazovanju, Naklada Slap, Zagreb 2. Soldić-Aleksić, J, Aplikativni softver za statističku analizu i tabelarna izračunavanja, Ekonomski fakultet, Beograd, 2004.			
<b>Number of hours:</b> 7	<b>Lectures:</b> 3	<b>Tutorials:</b> 2	<b>Laboratory:</b> -
<b>Research:</b> 2			
<b>Teaching and learning methods:</b> Frontal / Tutorial			
<b>Assessment (maximal 100 points)</b>			
<b>Course assignments</b>	<b>points</b>	<b>Final exam</b>	<b>points</b>
Lectures	10	Written exam	25
Exercises / Tutorials	-	Oral exam	25
Colloquia	-	Written-oral exam	-
Essay / Project	40		