

<b>Study programmes:</b> Master studies-Mathematics			
<b>Course name:</b> Selected topics in mathematical statistics			
<b>Lecturers:</b> Jelena Jocković, Bojana Milošević, Marko Obradović			
<b>Status:</b> Optional			
<b>ECTS:</b> 8			
<b>Attendance prerequisites:</b> Mathematical statistics, Theory of probability			
<b>Course aims:</b> Acquiring specific knowledge concerning mathematical statistics			
<b>Course outcome:</b> Upon completing the course, a student is capable of applying the acquired knowledge of selected probabilistic and statistical procedures for statistical inference.			
<b>Course content:</b> The content of the course is defined by the teacher.			
<b>Literature:</b> 1. S. S. Wilks/: <i>Mathematical Statistics</i> , Wiley, London, 1962. 2. R.J. Larsen, M.L. Marx, <i>An Introduction to Mathematical Statistics and Its Applications</i> , Pearson Education, N. Jersey, 2006			
<b>Number of hours : 7</b>		<b>Lectures: 4</b>	<b>Tutorial: 3</b>
<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>
homework		Written exam	
Exercises / Tutorials	10	Oral exam	40
Colloquia	40		
Essay	10		