

Study programmes: Bachelor studies – Mathematics			
Course name: Statistical software 3			
Lecturers: Marko Obradović, Bojana Milošević			
Status: Compulsory			
ECTS: 4			
Attendance prerequisites: Mathematical Statistics			
Course aims: Learning statistical data analysis with SPSS.			
Course outcome: Upon completing the course, a student is qualified for data analysis in SPSS, in particular ANOVA and related statistical procedures.			
Course content: Introduction to SPSS. Data analysis in SPSS. One and Two-way ANOVA. Design of experiments. Discriminant analysis.			
Literature: 1. Joaquim P. Marques de Sá: <i>Applied Statistics Using SPSS, STATISTICA, MATLAB and R</i> 2. R.J. Larsen, M.L. Marx, <i>An Introduction to Mathematical Statistics and Its Applications</i> , Pearson Education, N. Jersey, 2006 3. C. J. Huberty, S. Olejnik: <i>Applied MANOVA and Discriminant Analysis</i>			
Number of hours: 3	Lectures: 0	Tutorials: 2	Laboratory: 1
Research: -			
Teaching and learning methods: Tutorials / Lectures / Exercises			
Assessment (maximal 100 points)			
Course assignments	points	Final exam	points
Lectures	-	Written exam	-
Exercises / Tutorials	20	Oral exam	30
Colloquia	-	Written-oral exam	
Essay / Project	50		