

Course Title	Statistical Data Analysis				
Faculty	Faculty of Law and Business Studies Dr Lazar Vrkić				
Study Programme	Business Psychology				
Professor	Jasmina Nedeljković, Associate Professor		Contact (e-mail address)	jasmina_djn@yahoo.com	
Code		Course level	Undergraduate (BA)	ECTS credits	5
Description (max. 100 words)	<p>Basic topics: Data coding and preparation for processing; Basic operations in statistical programs for humanistic studies – SPSS (defining variables and data input, data managing; grouping and selection; data transformation (calculation, computation, recoding, ranging, processing existing data)); descriptive statistics and frequential analysis; checking the collected data; correlation in SPSS; Multiple regression in SPSS (Enter and Stepwise method); Testing statistical difference in one sample (t-test); Variant analysis in SPSS (ANOVA); Mann-Whitney U test; Kruskal-Wallis analysis; Main components analysis.</p>				
Learning outcomes (max. 50 words)	<p>Students will learn to apply different procedures in statistics to classify data gathered through quantitative procedures; They will understand the results of particular statistical procedures; Students will be able to select and present data in a proper way in scientific-research works.</p>				
Semester	5		Maximum number of visiting students		
Language			Available for international students (YES or NO)	YES	