

Study programme: BAS Tourism			
Course title: Business statistics (T106)			
Teacher(s): Prof. dr Ivana Štajner-Papuga			
Status: compulsory			
ECTS: 6			
Recuirements: none			
Learning objectives Students will learn about basic concepts in statistics and possibilities of their use in the field of tourism.			
Learning outcomes Students must know the basic concepts in statistics and be able to solve some practical problems.			
Syllabus <i>Theoretical part:</i> Descriptive statistics (mean value, modus, mediana, standard deviation). Correlation. Pearson hi-square test. Application of Pearson hi-square test on the investigation of independency of two variables. Linear regression. Transformation of non-linear regression into linear regression. Regression coefficient. <i>Practical part follows the theoretical part through examples.</i>			
Literature 1. M. Ristić, B. Popović, M. Đorđević, (2000): Statistika za studente geografije, PMF, Niš. 2. Z. Lozanov-Crvenković, D. Rajter, (1999): Zbirka rešenih zadataka iz verovatnoće i statistike, Univerzitet u Novom Sadu. 3. D. Salvatore, D. Reagle, (2002): Theory and Problems of Statistics and Econometrics, Schaum’s Outline, 2nd Edition, McGraw-Hill Companies, Inc., New York.			
Weekly teaching load 4		Lectures 2	Exercises 2
Methods of Teaching Lectures, Discussions, Illustration and Demonstration.			
Grading method (maximu 100 points)			
Pre-examination assignments	Points	Final examination	points
Activities during lectures		Written examination	50
Activities during exercises		Oral examination	
Colloguia	50	
Seminar paper			