

<b>Study programme:</b> BAS Tourism			
<b>Course title:</b> Business statistics (T106)			
<b>Teacher(s):</b> <a href="#">Prof. dr Ivana Štajner-Papuga</a>			
<b>Status:</b> compulsory			
<b>ECTS:</b> 6			
<b>Requirements:</b> none			
<b>Learning objectives</b> Students will learn about basic concepts in statistics and possibilities of their use in the field of tourism.			
<b>Learning outcomes</b> Students must know the basic concepts in statistics and be able to solve some practical problems.			
<b>Syllabus</b> <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>			
<b>Literature</b> 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.			
<b>Weekly teaching load</b> 4	<b>Lectures</b> 2	<b>Exercises</b> 2	
<b>Methods of Teaching</b> Lectures, Discussions, Illustration and Demonstration.			
<b>Grading method (maximu 100 points)</b>			
<b>Pre-examination assignments</b>	Points	<b>Final examination</b>	points
Activities during lectures		Written examination	50
Activities during exercises		Oral examination	
Colloguia	50	.....	
Seminar paper			