

<b>Level:</b> bachelor				
<b>Course title:</b> Business statistics (T106)				
<b>Status:</b> obligatory				
<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 practical problems in statistics with the help of the official statistical programs.				
<b>Syllabus</b>  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. Application of hi-square test for testing of distribution function. Linear regression. Transformation of non-linear regression into linear regression. Regression coefficient.				
<b>Weekly teaching load</b> <b>4 (60)</b>				Other: -
Lectures: <b>2</b>	Exercises: <b>2</b>	Other forms of teaching: -	Student research: -	