

DESCRIPTION OF A STUDY COURSE – SYLLABUS

Title of a course	Statistics for Entrepreneurs				
Study programme	Professional undergraduate study Entrepreneurship				
Status of a course	Obligatory				
Year of study	1	Semester (Winter/Summer)	W	ECTS credits	5
Goals of a course					
To acquire theoretical and practical knowledge necessary for implementation of statistical data analysis and interpretation of the results.					
Conditions for enrolling course					
No conditions					
Learning outcomes on a level of a study programme which includes course					
<p>Outcome 1: Apply appropriate methods and procedures in preparing information for business decisions. Outcome 3: Identify and evaluate key performance indicators of companies for management and decision making.</p> <p>Outcome 4: Identify and value entrepreneurial opportunities. Outcome 5: Design and substantiate an entrepreneurial idea through a business plan. Outcome 6: Create a plan for purchasing, sales and marketing activities. Outcome 7: Analyse and evaluate financial information. Outcome 14: Apply basic environmental research methods. Outcome 15: Independently prepare and present professional content using information and communication tools.</p>					
Expected learning outcomes on a level of a course					
<ol style="list-style-type: none"> 1. Determine the characteristics of observed phenomena using descriptive statistics methods. 2. Determine the characteristics of the observed phenomena on the basis of calculated indicators of inferential statistics. 3. Determine correlation and regression between observed variables. 4. Analyse the movement of an observed phenomenon over a period of time. 5. Conduct a statistical analysis of the collected data and interpret the obtained results. 					
Content of a course					
Basic concepts. Data preparation. Graphic display of data. Relative numbers. Introduction to the analysis of numeric line. Average values. Measures of dispersion. Measures of asymmetry. Measures of kurtosis. Methods of sampling. Regression and correlation analysis. Regression model. Coefficients of correlation. Basic analysis of time series. Individual and group indices. Models of trend.					
Teaching modes	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> auditory exercises <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> distance learning <input type="checkbox"/> field classes		<input checked="" type="checkbox"/> individual assignments <input type="checkbox"/> multimedia and network <input type="checkbox"/> laboratory <input type="checkbox"/> supervisor's work <input type="checkbox"/> other _____		
Grading, evaluation and monitoring of students' work continuously during lectures and exams					
Grading is based upon evaluation course's learning outcomes' adoption. Grading is performed continuously during lectures and/or during exam, in compliance with the provisions of Regulation on the assessment of students.					