

Table 5.2. Subject specification

Study program: Bachelor Academic Studies – Business economy –			
Module 1 – Finance, Banking and Insurance – Module 2 – Business economics and entrepreneurship			
Subject name: Statistics			
Teacher / teachers : Nikolić M. Rale			
Course status: mandatory, first year, first semester			
Number of ECTS: 8			
Condition: no			
Subject objective Acquiring basic theoretical knowledge in the field of statistics and understanding the logic of statistical thinking; calculating and correctly interpreting basic statistical indicators; mastering basic statistical methods, assumptions and limitations of their application; interpreting the results obtained; correctly interpreting the results of appropriate statistical software packages.			
Case outcome Outcome subject is competence student yes acquired knowledge and skills successfully use how for mastery materials others teaching subject which everything they study during study so for independent application of certain general and special procedures, which they will face in special (both theoretical and practical) situations of solving specific business problems and making business decisions.			
Course content <i>Theoretical teaching</i> The concept and historical development of statistics; The importance of studying statistics and its application in economics and business; Collection, editing, grouping, tabular and graphical presentation of statistical data; Descriptive analysis; Measures of central tendency: arithmetic, geometric and harmonic mean; Positional measures: median, mode, quartiles; Measures of dispersion and measures of distribution shape; Introduction to probability, historical development of probability and elementary concepts; Discrete and continuous random variables; Distribution function and distribution density function; Testing statistical hypotheses: testing parametric and nonparametric hypotheses; Hypothesis selection; Correlation analysis; Multiple correlation and partial correlation; Regression analysis. <i>Practical teaching</i> Closer clarification some from topic which everything they process on lectures . Production tasks from processed topic with lectures with computer support . Preparation colloquium and exam . Evaluation implemented teaching and analysis hers results .			
Literature <i>Basic :</i> 1. Mann P., <i>Introduction to Statistics</i> , Faculty of Economics, Belgrade, 2016 , ISBN - 978-86-403-0980-6.			
Number of hours of active teaching	Theoretical classes: 45	Practical classes: 30	
Teaching methods According to the above structures subject teaching everything extracts through lectures and exercises with the use of modern teaching aids . Lectures are Auditory and performance in the amphitheater with all students . The lectures will explain the methodology and concepts by area with examples from practice through discussion with students. Exercises are performed by groups of students in the classrooms, as follows: classroom, where individual topics from the lecture are further developed; laboratory for creating tasks with computer support . Exercises will be focused on examples and tasks that clarify areas from the lecture, through discussion and independent presentation by students. Creating seminar papers will enable students to study the selected areas in more detail.			
Knowledge score (maximum number of points 100)			
Pre-exam obligations	point	Final exam	point
activity during the lesson	10	written exam	30
practical teaching		oral exam	20
colloquiums	30		
seminars	10		