Study program: Business Economics and Entrepreneurship (180 ECTS); Finance banking and insurance (240 ECTS)	

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Business Economics and Entrepreneurship (180 ECTS); Finance banking and insurance (240 ECTS)

Type and level of studies: Basic academic studies, first level of studies

Course title: ECONOMIC STATISTICS

Professor: Milošević Mimica

Course status: Obligatory

ECTS Points: 7

Condition: enrolled in the IV semester, attended classes and realized pre-exam obligations

Objective:
Demonstrating students the importance of using quantitative methodology in the sphere of business economics and entrepreneurship, and special statistical procedures (methods of descriptive statistics, statistical conclusions, regression and correlation analysis, index numbers and time series analysis supported by the SPSS and EXCEL IT framework facilitate the decision making process and make it more efficient) that have practical application in the area where economists and entrepreneurs are trained.

Outcome:
After passing the exam, the student is independently carrying out a simplified statistical analysis of phenomena in economics and business that is characterized by stochastic-variable nature.

Contents of the course:
Theory teaching: The importance of studying statistics and its application in economics and business. Gathering, editing, grouping, spreadsheet and graphical presentation of statistics. Numerical descriptive measures. Distribution probabilities of intermittent and continuous random variables. Sample distribution. Evaluating the arithmetic mean and the proportion of the set. Testing statistical hypotheses. Free regression and correlation analysis. Multiple regression and correlation analysis. Index numbers. Basic elements of time series analysis.

Practical classes: Closer clarification of some of the topics addressed in lectures. Creating tasks from processed topics from lectures with computer support. Preparation of colloquium and exams. Evaluation of realized teaching and analysis of its results.

References:
[1]. Kvrgić, G, (2012), Economic Statistics, High School for Business Economics and Entrepreneurship, Belgrade.
[2]. Petrović Ž., (2006), Business Statistics, University of Business Studies, Banja Luka.
[3]. Man P., (2009), Introduction to Statistics, Faculty of Economics, Belgrade.
[4]. Marić N., (2004), Data Analysis and Excel, Faculty of Trade and Banking, Belgrade.

Number of active classes	Theoretical classes: 2	Practical classes: 2

Methods of teaching:
Lectures are auditory, and they are performed at the amphitheater with all students. Exercises are conducted by groups of students in classrooms: (1) as auditory, where further topics are discussed; (2) as, laboratory for computing tasks with computer support;

Knowledge assessment (maximum number of points 100)			
Pre-exam obligations	Points 50	Final exam	Points 50
activity during lectures	20	Oral exam	50
colloquium-first	15		
colloquium-second	15		