Study program: Modern Business Management	
Subject name: Business statistics	
Lecturer: Miloš Dragosavac, Ph.D. (milos.dragosavac@mbs.edu.rs)	
Subject status: Obligatory	
ECTS: 8	
Prerequisites: -	

Subject objectives

The goal is to define the relations between statistics and other business areas using the techniques or procedures necessary to manipulate and use concepts. Students will be introduced with a logical approach to solve decision statistical problems.

Subject outcomes

After successful passing the course, students will be enabled to solve practical problems in business and economic areas through development, evaluation, and selection of alternative statistical techniques.

Subject description

Assignments:

Theoretical: Data collection. Descriptive statistics. Basic probability concepts. Discrete and continual distribution including binomial and normal. Sample theory. Hypothesis testing. Regression and correlation. Data: sources and uses. Data collection: secondary and primary sources. Presentation of numerical information. Summary of data. Index numbers. Regression analysis. Analysis and prediction of series. Probability. Distribution of probability. Hypothesis testing. The introduction to quantitative techniques in business management including collection and presentation of numerical data, sample problem, environment, frequency of distribution and deviation. Prediction techniques in business including extrapolation and interpretation of index numbers and series. The application of computer technology to solve business problems.

Practical: Explanation of unclear theoretical parts through discussion with students. Exercises of tasks in smaller groups using modern statistical packages

Materials

Required: Савић, М. (2005), Пословна статистика, Економски факултет, Суботица

Ајдуковић, Г. (2000), Пословна статистика, Универзитет "Браћа Карић", Београд.

Младеновић, Д. и В. Ђолевић, (1995), Економска статистика, Економски факултет Београд.

Silver, M. (1997), Business Statistics, McGraw-Hill.

Levine, J., Stephan, M. and M. Bereson (2001), Statistic for Managers Using Microsoft Excel, Prentice-Hall

Total number	**Courses: 3x15=45**	**Practice: 2x15=30**

Teaching methods: Lectures are auditory supported by modern teaching tools and active student participation. In exercises, consolidation is performed, the analysis of practice, individual and group presentations. Each student is required to complete independent project work

Grade (maximum number of points 100)

Pre-exam assignments	points	Final exam	points
course activity	5	written exam	-
practice	5	oral exam	30
test	40	....	
essay	20		