



Course unit Descriptor	Faculty of Economics Subotica	 UNIVERZITET U NOVOM SADU UNIVERSITY OF NOVI SAD
		
GENERAL INFORMATION		
Study program in which the course unit is offered	All study programs	
Course unit title	Fundamentals of statistical analysis	
Course unit code	OAS-216	
Type of course unit ¹	Compulsory	
Level of course unit ²	First	
Semester when the course unit is offered	Summer	
Year of study (if applicable)	First	
Number of ECTS allocated	8	
Name of lecturer/lecturers	Dejan Brcanov, Stojanka Dakic	
Mode of course unit delivery ³	Face-to-Face, Distance learning	
Course unit pre-requisites (if any)	-	
PURPOSE AND OVERVIEW (max 5-10 sentences)		
Introducing students to the basic concepts of statistics and methods of statistical analysis through use of statistical software, with a special focus on descriptive statistical analysis, confidence intervals and testing hypotheses.		
LEARNING OUTCOMES (knowledge and skills)		
Acquiring knowledge in the area of statistical research and analysis, and qualifying students for independent use of statistical methods for the purpose of providing support in economic decision-making process.		
SYLLABUS (outline and summary of topics)		
Theory <ul style="list-style-type: none"> • descriptive statistical analysis; • probability theory; • statistical evaluations; 		

¹ Compulsory, optional

² First, second or third cycle (Bachelor, Master's, Doctoral)

³ Face-to-face, distance learning, etc.

- parametric statistical tests;
- nonparametric statistical tests;
- introduction to dynamic analysis;
- introduction to regression and correlation analysis

Practice Laboratory exercise

LEARNING AND TEACHING (planned learning activities and teaching methods)

Questioning, work in computer laboratory, key studies, problem-solving, small group activities.

REQUIRED READING

Andy Field (2009), *Discovering Statistics Using SPSS*, third edition. SAGE

ASSESSMENT METHODS AND CRITERIA

Practical exam – 80.
Written exam – 20.

LANGUAGE OF INSTRUCTION

English