

“BOGDAN VODĂ” UNIVERSITY OF CLUJ-NAPOCA
FACULTY OF ECONOMICAL SCIENCES
SPECIALIZATION: MANAGEMENT, MANAGEMENT BAIA MARE,
FINANCES AND BANKS, ACCOUNTING AND MANAGEMENT
INFORMATICS
ACADEMIC YEAR 2010-2011

DISCIPLINE FILE

Course name	STATISTICS				
Course code	MB 2404	Year	II	Number of credits	4
		Semester	I		

Faculty	ECONOMICAL SCIENCES	Number of hours in semester /activities		
Profile	ECONOMIC	Total	C	S
Specialization	MC, MB, FB, AC	56	28	28

Course type DF – fundamental, DG – specialized, DC – complementary	DG
Optional course category: DI – imposed, DO – optional, DF – facultative	DI

Prevision disciplines	Mandatory disciplines (conditioned) - Economics, Applied Mathematics in Economics
	Recommended - Fundamentals of Management, Computer Basics
Objectives	<ul style="list-style-type: none"> - Transmission and students learning the ways and methods of collecting, presenting and processing information - use statistical tools and their application in various fields of socio-economic life - Applying statistical methods and techniques and their use in other economic sciences - Learning the basic concepts and their application in economic practice; - Driving task (management) is a complex process of knowledge and action, which is the essential attribute decision making. - Scientific substantiation of decision making required more extensive use of statistical science, the actual methods of data collection, data processing and formulating conclusions. It is important to note, however, that replaces the use of statistical methods is not knowledge but a mass phenomena involved. - Learning flawed statistical methods, their use by the inexperienced, can lead to false conclusions formulation, turning

	<p>statistics into a dangerous tool.</p> <p>- Statistics is one of those sciences whose ministers must show a true art of discernment.</p>
Content (description)	<p>Chapter I. Statistics - a tool for understanding the phenomena of mass. Statistical concept, the fundamental categories of statistics. The information and statistical information system.</p> <p>Chapter II. Observation and presenting statistical data. The organization of statistical observation and classification, statistical observation errors. Presentation graphics.</p> <p>Chapter III. Assignment of one-dimensional statistical distribution range. Building series. Parameters. conferring dimensional distributions.</p> <p>Chapter. IV. Selective survey. Estimating the average value of the confidence interval.</p> <p>Chapter. V. Multidimensional statistical series (correlation and regression). Study of stochastic links. Statistical research methods links.</p> <p>Chapter. VI. Series.</p> <p>Chapter. VII. Speed indicators and breaking the group on factors of influence.</p>

Form of evaluation (E – exam, C – colloquy/final test, CW – control works) E	
Final grade (percentage)	<p>Knowledge evaluation will take into account: 70% of the exam, 30% seminar activity</p>
Bibliography	<ol style="list-style-type: none"> 1. Andrew T., S. Stancu, Statistics - Theory and Applications, Editura ALL, București, 1995, 2. Florea I, Statistics II course in lithographic printing University, Babes-Bolyai University, Cluj Napoca, 1996, 3. I. Flores, E. Merce Report nonparametric correlation, statistical studies, DCS, 1986; 4. I. Flores, I. Parpucea, Buiga A., Descriptive Statistics, Theory and Applications, Ed Aisteda, Alba Iulia, 1998, 5. Merce E., P. Atomic Systems, Economic Statistics in tourism and trade, course lithographs, Cluj Napoca, 1995, University Christian, Dimitrie Cantemir; 6. E. Merce Statistics. Practical Applications, University ;Babes-Bolyai, Cluj Napoca, 1986, 7. Merce E., Atomic Systems P., V. Barcan, Merce CC, Statistics-Practical Applications, Aletheia House, Bistrita, 1999; 8. Merce E., Florin Urs, C. Merce, Statistics, Ed AcademicPres, Cluj - Napoca , 2001; 9.Voineagu V. et al., Statistics and macroeconomic theory, Economic Publishing House, Bucharest, 1998, 10. National Institute of Statistics and Economic Studies, Romania and the European Union, Romanian Integration into the European Statistical System Statistics, Bucharest, February 2001, 11. National Institute of Statistics, Statistics, Romanian Integration into the European Statistical Science, May 2001;

List of necessary didactic materials	Romanian Journal of Statistics, Statistical Yearbook, Statistical Bulletins, Book, course notes, content to solve problems, laptop, videoprojector, ess.				
Course holder	Didactic degree	Science title	First name	Name	Signature
	LECTURER	DR.	IOAN-FLORIN	URS	