

“BOGDAN VODĂ” UNIVERSITY OF CLUJ-NAPOCA

FACULTY OF ECONOMICAL SCIENCES

SPECIALIZATION: MANAGEMENT, MANAGEMENT BAIA MARE, FINANCE AND BANKS, ACCOUNTING AND MANAGEMENT INFORMATICS

ACADEMIC YEAR 2010-2011

DISCIPLINE FILE

Name of discipline	ECONOMIC STATISTIC				
Code of discipline	EC 2104	Year	II	Number of credits	4
		Semester	I		

Faculty	ECONOMICAL SCIENCES	Number of hours in semester /activities		
Profile	ECONOMIC	Total	C	S
Specialization	Management, Finance and banks, Accounting and management informatics	42	28	14

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

Prevision disciplines	Mandatory disciplines (conditioned) – Mathematics applied in economy Recommended – Economy, Management basics, IT basics
Objectives	<ul style="list-style-type: none"> • Transmission and learning the ways and methods of collecting, presenting and processing information; • Use of statistical tools and their application in various fields of socio-economic life; • Application of statistical methods and techniques and their use in other economic sciences; • Learning basic concepts and their application in economic practice; • Leadership activity (management) is a complex process of

	<p>knowledge and action, which essential attribute is decision making. Scientific substantiation of decision making requires more extensive use of statistical science, the actual methods of data collection, data processing and formulating conclusions. It is important to note, however, that the use of statistical methods does not replace the knowledge of mass phenomena but it involves it. Flawed learning of statistical methods, of their use by the inexperienced, can lead to false conclusions formulation, turning statistics into a dangerous tool. Statistics is one of those sciences whose ministers must show a true art of discernment.</p>
Content (description)	<p>CHAPTER I – STATISTICS. Instrument of knowledge of mass phenomenon. Concept of statistics, fundamental categories of statistics. Information and statistic IT system.</p> <p>CHAPTER II – OBSERVATION, SISTEMATIZATION AND PREZENTATION OF STATISTIC DATA. Organization and classification of statistics observation, errors of statistics observation. Graphic presentation.</p> <p>CHAPTER III – UNIDIMENSIONAL REPARTITION ATTRIBUTIVE STATISTIC SERIES. Parameters of unidimensional attributive repartition.</p> <p>CHAPTER IV – SELECTIVE RESEARCH. Estimating the average value based on the confidence interval.</p> <p>CHAPTER V – MULTIDIMENSIONAL STATISTICS SERIES (CORRELATION AND REGRESSION). Studying the statistical contact. Research methods of statistical contacts.</p> <p>CHAPTER VI – CHRONOLOGIAL SERIES.</p> <p>CHAPTER VII - THE SPEED OF GROUP INDICATORS AND BREAKING IT IN 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:</p> <p style="text-align: center;">70% - written exam 30% - activity at seminars</p>
Bibliography	<ol style="list-style-type: none"> 1. Andrei T., Stancu S., <i>Statistică - Teorie și aplicații</i>, Editura ALL, București, 1995; 2. Florea I., <i>Statistică II</i>, Curs litografiat în tipografia Universității „Babeș-Bolyai”, Cluj Napoca, 1996; 3. Florea I., Merce E., <i>Raportul corelației neparametrice</i>, Studii de statistică, D.C.S., 1986; 4. Florea I., Parpucea I., Buiga A., <i>Statistică descriptivă, Teorie și aplicații</i>, Ed. Aisteda, Alba Iulia, 1998; 5. Merce E., Măruță P., <i>Statistică economică în turism și comerț</i>, Curs litografiat, Cluj Napoca, 1995, Universitatea Creștină „Dimitrie Cantemir”; 6. Merce E., <i>Statistică. Aplicații practice</i>, Universitatea „Babeș-Bolyai”, Cluj Napoca, 1986;

	<p>7. Merce E., Măruță P., Bărcan V., Merce C. C., <i>Statistică –Aplicații practice</i>, Editura Aletheia, Bistrița, 1999;</p> <p>8. Merce E., Urs Fl., Merce C., <i>Statistică</i>, Ed. AcademicPres, Cluj – Napoca, 2001;</p> <p>9. Voineagu V. și colab., <i>Statistică teoretică și macroeconomică</i>, Editura Economică, București, 1998 ;</p> <p>10. Institutul Național de Statistică și Studii Economice, România și Uniunea Europeană, <i>Integrarea statisticii românești în sistemul statistic european</i>, București, februarie 2001 ;</p> <p>11. Institutul Național de Statistică, <i>Integrarea Statisticii românești în sistemul statistic european</i>, Iași, mai 2001;</p>				
List of necessary didactic materials	<p>Statistics Magazine of Romania Statistic Annuary Statistic buletines</p>				
Course holder	Didactic degree	Science title	First name	Name	Signature
	PROF.	PhD.	MIHAELA	JARADAT	