

“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	DATABASE				
Course code	EC1204	Year	I	Number of credits	4
		Semester	II		

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

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

Prevision disciplines	Mandatory disciplines (conditioned) -
	Recommended Economic Informatics
Objectives	<ol style="list-style-type: none"> 1. Logical-mathematical thinking development of students; 2. Learning by the students of the theoretical knowledge of methodologies for use in economic programming languages; 3. Knowledge of the main methods, tools and techniques used in the design of applications using databases; 4. Skills training-program for the use of various products.
Content (description)	<p>Chapter I - Introduction to the study of programming languages.</p> <p>Chapter II - Database management systems and databases.</p> <p>Chapter III - Relational model.</p> <p>Chapter IV - Query language database.</p> <p>Chapter V - Peculiarities in the creating, updating and interograrea databases.</p>

Form of evaluation (E – exam, C – colloquy/final test, CW – control works) E					
Final grade (percentage)	Knowledge evaluation will take into account: 75% of the exam result 25% Activity in seminars 25% (lab)				
Bibliography	1. <i>Application database in Economics</i> , Univ. Babes-Bolyai University in Cluj Napoca, Department of Economic Informatics, Ed RISOPRINT, Cluj Napoca, 2009. 2. Victoria Oprean, Mărginean N. Eagle Sidonia, <i>Database and Programming</i> , Ed. RISOPRINT, Cluj Napoca, 2007 3. Fotache M., <i>Design databases. Normalization, postnormalizare</i> Polirom, Iasi, 2005 4. <i>Microsoft Office Access 2003</i> , Translation by Cristian Mocanu, THEORY House, Bucharest, 2004 5. Hernandez MJ, <i>Database Design</i> , Theory Publishing, 2003 6. Conolly T., Begg C., Strachan, A. <i>Database. Design, Implementation, Management</i> , Theory Publishing, Bucharest, 2001.				
List of necessary didactic materials	Book, course notes, content to solve problems, laptop, videoprojector, ess.				
Course holder	Didactic degree	Science title	First name	Name	Signature
	LECT. UNIV.	DRD.	DANIEL-VASILE	BOTIȘ	