

“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	<p>1. <i>Application database in Economics</i>, Univ. Babes-Bolyai University in Cluj Napoca, Department of Economic Informatics, Ed RISOPRINT, Cluj Napoca, 2009.</p> <p>2. Victoria Oprean, Mărginean N. Eagle Sidonia, <i>Database and Programming</i>, Ed. RISOPRINT, Cluj Napoca, 2007</p> <p>3. Fotache M., <i>Design databases. Normalization, postnormalizare</i> Polirom, Iasi, 2005</p> <p>4. <i>Microsoft Office Access 2003</i>, Translation by Cristian Mocanu, THEORY House, Bucharest, 2004</p> <p>5. Hernandez MJ, <i>Database Design</i>, Theory Publishing, 2003</p> <p>6. Conolly T., Begg C., Strachan, A. <i>Database. Design, Implementation, Management</i>, Theory Publishing, Bucharest, 2001.</p>				
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	