

# Transilvania University of Braşov, Romania

## Study program: Economic Informatics

Faculty: Economic Sciences and Business Administration

Study period: 3 years

Academic year structure: 2 semesters

Examination sessions (two): winter session (January/February)

summer session (June/July)

Courses per years (C= course; S = seminar; L = laboratory; P = project)

### 1<sup>st</sup> Year

No. crt.	Courses	Code	1 <sup>st</sup> Semester					2 <sup>nd</sup> Semester				
			C	S	L	P	Cred	C	S	L	P	Cred
01	Microeconomics	MIC1	2	2			6					
02	Mathematical Analysis	AMA1	2	2			6					
03	Algebra and Probabilities	STP1	2	1			5					
04	Introduction to Computer Science	INF1	2		2		6					
05	Business Law	DAF1	2	1			4					
06	Basic of Accounting	BCO2						2	1			5
07	Macroeconomics	MAC2						2	1			4
08	Economic Statistics	STE2						2	1			5
09	Management	MAN2						2	1			4
10	Database	BDL2						2		2		5
11	Information Technology - Internet	TIN2						2		2		4
12	Foreign language 1/2	LST1/2	1	1			3		2			3
13	Physical Education 1	EFS1/2		1			1		1			1

### 2<sup>nd</sup> Year

No. crt.	Mandatory Courses	Code	3 <sup>rd</sup> Semester					4 <sup>th</sup> Semester				
			C	S	L	P	Cred	C	S	L	P	Cred
01	Operation Systems	SIO3	2		1		4					
02	Algorithms and Data Structures	ASD3	2		1		4					
03	Marketing	MKN3	2	1			4					
04	Business Statistics	STA3	2	1			4					
05	Computer Programming	PRC3	2		2		5					
06	Finance	FIN3	2	1			4					
07	Econometrics	ECM4						2	1			4
08	Windows Applications Programming	PRW4						1		2		4
09	Software Packages	PPC4						2		2		4
10	Object-Oriented Programming	POB4						2		2		5
11	Computer Networks	RCL4						2		1		4
12	Business communication in	LST4						1	1			2

	English/French											
13	Sociology/Business Ethics	SOC3/ETA3	2	1			3					
14	Marketing Data Analysis/ Economic and Financial Analysis	COC4/AEF4						2	1			3
15	Foreign language 3	LST3		1			2					
16	Physical Education 3	EFS3		1			1					
17	Internship (3 weeks x 30h/week)	PR4										4

### 3<sup>rd</sup> Year

No. crt.	Mandatory Courses	Code	5 <sup>th</sup> Semester					6 <sup>th</sup> Semester				
			C	S	L	P	Cred	C	S	L	P	Cred
01	Web Design	WEB5	2		2		4					
02	Information Systems Analysis and Design	PSI5	2		2		5					
03	Operational Research and Economic Modelling	MOD5	2		2		5					
04	E-Commerce	CCY5	2		1		5					
05	Programming in DBMS ORACLE	PSO5	2		2		5					
06	Economic Processes Simulation	SIP6						2		1		5
07	Macroeconomic Statistics	STM6						2	1			5
08	Business Administration	MNA6						2	2			5
09	Company Evaluation and Diagnostic Analysis	ADE6						2		1		5
10	Web Technologies and Applications	TWB6						2		2		5
11	Preparation of Bachelor Thesis	ELI6									5	5
12	Financial and Actuarial Mathematics / Insurance Mathematical Models	MFA5/ MMA5	1	1			3					
13	Business Communication and Negotiation/ Environment Management	CNI5/ MNM5	1	1			3					