

Transilvania University of Braşov, România

Study program: Mobile Applications and Internet Technologies inE-Business (in German)

Faculty: Mathematics and Computer Science

Study period: 3 years (bachelor)

Academic year structure: 2 semesters (14 weeks per semester)

Examination sessions (two): winter session (January/February), summer session (June/July)

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

1stYear

No. crt.	Course	Code	1 st Semester					2 nd Semester				
			C	S	L	P	Cred	C	S	L	P	Cred
1.	Integrated software and hardware systems	SH1	1	2	0	0	6					
2.	Web Technologies and Images Processing	TW1	2	0	1	0	6					
3.	Mobile and Internet Databases	MB1	2	0	1	0	6					
4.	ABAP OO	AO1	2	1	0	0	6					
5.	Software Architecture	AS1	2	0	1	0	6					
6.	Software Engineering	IS1	2	0	1	0	6					
7.	POO – Simulation and Games	PO2						2	0	2	0	5
8.	Efficient Graph Algorithms	AE2						2	1	0	0	5
9.	Architectures Based on Micro Services	AB2						2	0	1	0	6
10.	Machine Learning	ML2						2	0	1	0	6
11.	Applied Statistics	SA2						2	1	0	0	7
12.	Cybersecurity and Data Protection	CPD2						2	1	0	0	7
13.	Universal Design and Product Management	DUMP2						2	2	0	0	7
14.	Multimedia Interaction Technologies	TIM2						2	2	0	0	7

2ndYear

No. crt.	Course	Code	3 rd Semester					4 th Semester				
			C	S	L	P	Cred	C	S	L	P	Cred
1.	Legal issues in Internet and Marketing	MK3	1	1	0	0	5					
2.	Distributed Algorithms and Security Mechanisms	ADSM3	2	1	0	0	5					
3.	Techniques of Writing the Dissertation Work	TR3	1	1	0	0	5					
4.	Practical Placement	SP3	0	0	0	8	5					
5.	Ethics and Academic Integrity	EI3	1	0	0	0	3					
6.	Research Industry Projects - I	PCI3	2	0	1	0	7					
7.	Communication in Virtual Teams (CMC)	CV4						1	0	2	0	7
8.	Elaboration of the Dissertation	EL4						0	0	0	5	9
9.	Research Industry Projects - II	PCI4						2	0	2	0	7
10.	Web Application Development	DAW4						2	0	2	0	7