

Software Development and Business Information Systems - curriculum

Nr. crt.	YEAR OF STUDY		Code discipline	Ist semester					IInd semester					No. hours / discipline			
	Discipline			C	S	L	Evaluation	No. Credits	C	S	L	Evaluation	No. Credits	Total	C	S	L
Anul I / First Year																	
Semestrul I / First Semester																	
1	Information Systems Architecture			2	0	1	P	6						42	28	0	14
2	Database Logic in Business Applications			2		1	P	6						42	28	0	14
3	Business Intelligence			2		1	E	6						42	28	0	14
4	Project Management			2		1	E	6						42	28	0	14
5	Object Oriented Analysis and Design			2		1	P	6						42	28	0	14
	Total semestrul I			10	0	5		30						210	140	0	70
Semestrul II / Second semester																	
	Discipline obligatorii/ Compulsory courses																
6	Multi-tiered Software Development								2		1	P	6	42	28	0	14
7	Mobile Applications								2		1	P	6	42	28	0	14
8	Software Quality Assurance								2		1	E	6	42	28	0	14
9-10	Discipline opționale - două din pachetul / Electives - two courses from package								2		4		12	84	28	0	56
	Database Administration								1		2	P	6				
	Linux Administration								1		2	E	6				
	Artificial Intelligence for Business								1		2	E	6				
	Total semestrul II								8		7		30	210	112	0	98
IInd Year																	
Third Semester																	
	Discipline obligatorii/ Compulsory courses																
11	Service-Oriented Architecture			2		1	E	6						42	28	0	14
12	Information Integration and Web of Data			2		1	E	6						42	28	0	14
13	Polyglot Persistence and Big Data			2		1	E	6						42	28	0	14
14	IT Governance and Service Management			2		1	E	6						42	28	0	14
15	O disciplină opțională din pachetul / One course from package			2		1		6						42	28	0	14
	E-Documents and E-Communication			2		1		6									
	Customer Relationship Management			2		1		6									
	Total semestrul III			10	0	5	0	30						210	140	0	70

Fourth Semester

16	Enterprise Systems Development Methodologies							2		1		6	42	28	0	14	
17-18	Doua discipline din pachetul / Two courses from package							4		2	E/P	12	84	56	0	28	
	Data Warehouses, Data Mining and Knowledge Discovery																
	Knowledge Management, Analytics and Data Science																
	Information Systems Audit																
	Science, Technology and Society																
19	O disciplina din pachet/ One course from package									10	P	12	140	0	0	140	
	Internship																
	Research project																
	Total semestrul IV							6	0	13		30	266	84	0	182	
	Disertatie/Dissertation											5					

C - course; S - seminar; L- laboratory