

CURRICULUM **
Year of study I

Code	Disciplines*	Type	Sem. I [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
	OBLIGATORII IMPUSE										
STII-0290	Security protocols for distributed systems	THD	2	-	2	-	56	Ex	8	144	
STII-0063	Computational algebra	THD	2	-	2	-	56	Ex	8	144	
STII-0783	Approximation algorithms	SYD	2	-	1	-	42	Ex	6	108	
STII-0113	Code theory	SYD	1	-	1	-	28	Cv	6	122	
STII-0766	Ethics and integrity in scientific research	SYD	1	-	-	-	14	Cv	2	36	
	TOTAL		8	-	6	-	196		30	554	

Code	Disciplines*	Type	Sem. II [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
	OBLIGATORII IMPUSE										
STII-0264	E-learning via Internet	THD	1	-	2	-	42	Ex	8	158	
STII-0100	Fractal theory	SYD	2	-	2	-	56	Cv	8	144	
STII-0291	E-commerce security	THD	2	-	1	-	42	Ex	8	158	
STII-0595	Distributed algorithms and advanced programming techniques	THD	2	-	2	-	56	Ex	6	94	
	TOTAL		7	-	7	-	196		30	554	

Legend: C - Course; S - Seminar; L - Practical (laboratory); P - Project; IS - Individual Study;
 THD - Thoroughgoing Disciplines; SYD - Synthesis Disciplines; AKD - Advanced Knowledge Disciplines; UO - University Choice; DR - Disciplines relevant to the students' training in a certain field, available according to the options of the institution.
 Type of Examination - Verification Form, Ex. - examination; Cv. - Colloquium, Vp. - Continuous Assessment, Pr - Project; A/R- Passed/Failed; Credits - number of ECTS credits; IS - Individual study.

Head of departament ,
Professor Dr. Constantin POPESCU

RECTOR,
Professor Dr. BUNGĂU Constantin

DEAN,
Professor Dr. MACOCIAN Eugen-Victor

CURRICULUM **
Year of study II

Code	Disciplines*	Type	Sem. III [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
	OBLIGATORII IMPUSE										
STII-0614	Methodologies for computer science systems	THD	2	-	2	-	56	Ex	8	144	
STII-0261	Relational databases	THD	2	-	2	-	56	Ex	8	144	
STII-0080	Numerical methods for operatorial equations	THD	1	-	1	-	28	Ex	6	122	
STII-0032	Operatorial researches	SYD	1	-	1	-	28	Cv	4	72	
STII-0368	Research practical period I	THD	-	-	2	-	28	Cv	4	72	
	TOTAL		6	-	8	-	196		30	554	

Code	Disciplines*	Type	Sem. IV [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
	OBLIGATORII IMPUSE										
STII-0615	Applications development on the .NET platform	THD	2	-	1	-	36	Ex	6	114	
STII-0281	Java technologies and platforms for distributed applications	THD	2	-	2	-	48	Ex	6	102	
STII-0616	Functional programming	SYD	2	-	1	-	36	Ex	5	89	
STII-0369	Research practical period II	THD	-	-	2	-	24	Cv	5	101	
STII-0637	Preparing the dissertation	THD	-	-	2	-	24	A/R	8	176	
	TOTAL		6	-	8	-	168		30	582	

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VIII. DISTRIBUTION OF CREDITS ACCORDING TO COMPETENCES (TABLES NRQHE /ARACIS - Grid 1 *)

No.	Discipline**	Sem.	Number of credits	Professional Competences						Transversal Competences		
				C1	C2	C3	C4	C5	C6	CT1	CT2	CT3
1.	Security protocols for distributed systems	I	8	6	1		1					
2.	Computational algebra	I	8		3	5						
3.	Approximation algorithms	I	6	4		2						
4.	Code theory	I	6	4		2						
5.	Ethics and integrity in scientific research	I	2								2	
6.	E-learning via Internet	II	8			2	6					
7.	Fractal theory	II	8	4	2		2					
8.	E-commerce security	II	8	2	6							
9.	Distributed algorithms and advanced programming techniques	II	6	2	2		2					
10.	Methodologies for computer science systems	III	8	2	2	2	2					
11.	Relational databases	III	8			6	2					
12.	Numerical methods for operatorial equations	III	6	3	3							
13.	Operatorial researches	III	4	3								1
14.	Research practical period I	III	4				2			2		
15.	Applications development on the .NET platform	IV	6	2	2	2						
16.	Java technologies and platforms for distributed applications	IV	6	2	3	1						
17.	Functional programming	IV	5			3	2					
18.	Research practical period II	IV	5				1				2	2
19.	Preparing the dissertation	IV	8				2			3	2	1

Legendă: C1 și C5 sau C6 - Competențe profesionale; CT1 și CT3 - Competențe transversale

* Se va utiliza Grila 1 (G1) care prezintă variantele: G1L și G1M corepunzătoare ciclurilor de studii de licență și masterat, în conformitate cu Ordinul MECS nr. 5703 / 18.10.2011.

** Se vor trece toate disciplinele din Planul de învățământ