

Domeniul fundamental (DFI): ȘTIINȚE INGINERESTI

Ramura de știință (RSI): INGINERIA SISTEMELOR, CALCULATOARE ȘI TEHNOLOGIA INFORMATIEI

Domeniul de licență (DL): COMPUTERS AND INFORMATION TECHNOLOGY

Cod DFI.	CodRSI.	CodDL.	CodS.
20	60	10	10

ciclu	c1c2c3	a1a2
L	000	15

CURRICULA
Academic year 2015 - 2016

		1 st YEAR										2 nd YEAR																																																				
		SEMESTER 1					SEMESTER 2					SEMESTER 3					SEMESTER 4																																															
1.	Mathematical analysis	Computer assisted mathematics										System theory and automatization					Microeconomics																																															
	L000.15.01.F1.	5	E	28	28	0	0	DF	57	L000.15.02.F1.	5	D	28	0	28	0	DF	57	L000.15.03.D1.	4	D	28	0	28	0	DD	42	L000.15.04.F1.	3	D	28	14	0	0	DF	28																												
2.	Algebra and geometry	Special mathematics (Probabilities and statistics)										Data structures and algorithms					Algorithm design and analysis																																															
	L000.15.01.F2.	5	E	28	28	0	0	DF	60	L000.15.02.F2.	5	E	42	28	0	0	DF	46	L000.15.03.D2.	4	E	28	0	28	0	DD	44	L000.15.04.D2.	5	E	28	0	28	0	DD	70																												
3.	Physics	Electrical engineering fundamentals										Object-oriented programming					Software engineering fundamentals																																															
	L000.15.01.F3.	4	D	28	14	14	0	DF	38	L000.15.02.F3.	4	E	28	14	14	0	DF	38	L000.15.03.D3.	5	E	35	0	28	0	DD	64	L000.15.04.D3.	5	E	28	0	28	14	DD	54																												
4.	Computer programming	Electronic devices										Measurement principles, techniques and devices					Databases																																															
	L000.15.01.F4.	5	E	42	0	28	0	DF	50	L000.15.02.F4.	4	D	28	0	14	0	DF	52	L000.15.03.D4.	4	D	28	14	14	0	DD	38	L000.15.04.D4.	4	D	28	0	28	0	DD	42																												
5.	Logic and discrete structure	Programming techniques										Computer architecture					Computer organization																																															
	L000.15.01.F5.	4	E	28	28	0	0	DF	41	L000.15.02.F5.	4	E	28	0	28	0	DF	38	L000.15.03.D5.	4	E	28	0	28	0	DD	42	L000.15.04.D5.	5	E	28	0	28	14	DD	53																												
6.	Fundamentals of mechanical engineering and robotics	Digital logic										Digital circuits and signals					Elective discipline 1 (choosing from the appropriate sem.4 table)																																															
	L000.15.01.F6.	3	D	28	0	14	0	DF	26	L000.15.02.D6.	4	E	28	0	28	0	DD	38	L000.15.03.D6.	4	E	35	0	28	0	DD	31	L000.15.04.D6.-ij	4	E	28	0	28	0	DD	38																												
7.	Foreign languages 1	Foreign languages 2										Communication					Culture and civilization																																															
	L000.15.01.C7.	2	D	0	28	0	0	DC	20	L000.15.02.C7.	2	D	0	28	0	0	DC	20	L000.15.03.C7.	3	D	28	14	0	0	DC	30	L000.15.04.C7.	2	D	14	14	0	0	DC	18																												
8.	Sports 1	Sports 2										Sports 3					Sports 4																																															
	L000.15.01.C8.	2	D	0	28	0	0	DC	20	L000.15.02.C8.	2	D	0	14	0	0	DC	20	L000.15.03.C8.	2	D	0	14	0	0	DC	34	L000.15.04.C8.	2	D	0	14	0	0	DC	34																												
9.	Optional - choose from other specialization's curricula	Optional - choose from other specialization's curricula										Optional - choose from other specialization's curricula					Optional - choose from other specialization's curricula																																															
	L000.15.01.f9.							f		L000.15.02.f9.-ij							f		L000.15.03.f9.							f		L000.15.04.f9.-ij							f																													
total/ sem.	ore:	392					VPI:					312					ore:	378					VPI:					309					ore:	406					VPI:					325					ore:	392					VPI:					337				
	credite:	30					evaluări:					4E, 4D					credite:	30					evaluări:					4E, 4D					credite:	30					evaluări:					3E, 4D					credite:	30					evaluări:					4E, 4D				
total/ săpt.	ore:	28										ore:	27										ore:	29										ore:	28																													
	din care:	13 11 4 0 (c, s, l, p)										din care:	13 6 8 0 (c, s, l, p)										din care:	15 3 11 0 (c, s, l, p)										din care:	13 3 10 2 (c, s, l, p)																													

DISCIPLINE OPTIONALE (ELECTIVE DISCIPLINES)
Academic year 2015 - 2016

														2 nd YEAR											
														SEMESTER 3						SEMESTER 4					
01																				Elective 1 - Integrated circuits					
																				L000.15.04.D6.-01 4 E 28 0 28 0 DD 38					
02																				Elective 1 - Fundamental concepts of programming languages					
																				L000.15.04.D6.-02 4 E 28 0 28 0 DD 38					

DISCIPLINE OPTIONALE (ELECTIVE DISCIPLINES)
Academic year 2015 - 2016

		1 st YEAR												2 nd YEAR														
		SEMESTER 1						SEMESTER 2						SEMESTER 3						SEMESTER 4								
1.		Education psychology						Pedagogy I: Theory and methodology of curriculum						Pedagogy II: -Theory and methodology of instruction, -Theory and methodology of evaluation						The didactic of the speciality								
		L000.15.01.f9. 5 E 28 28 0 0 f 64						L000.15.02.f9.-01. 5 E 28 28 0 0 f 64						L000.15.03.f9. 5 E 28 28 0 0 f 64						L000.15.04.f9.-01. 5 E 28 28 0 0 f 64								
2.								Volunteering												Volunteering								
								L000.15.02.f9.-02. 2 C 0 0 28 0 f												L000.15.04.f9.-02. 2 C 0 0 28 0 f								
3.																				Social responsibility and civic activism								
																				L000.15.04.f9.-03. 2 E 28 28 0 0 f								
total/sem.	ore:	56			VPI: 64			ore:	84			VPI: 64			ore:	56			VPI: 64			ore:	140			VPI: 64		
	credite:	5			evaluări: 1E			credite:	7			evaluări: 1E, 1C			credite:	5			evaluări: 1E			credite:	9			evaluări: 2E, 1C		
total/săpt.	ore:	4						ore:	6						ore:	4						ore:	10					
	din care:	2			0			din care:	2			0			din care:	2			0			din care:	4			0		

Legenda

Nume disciplina											
Cod	nc	FE	c	s	l	p	CF	VPI			

Cod = cod disciplina
nc = nr.credite transferabile
FE = forma de evaluare
FE ∈ {E, D, C, P-E, P-D}
E=examen
D=evaluare distribuita
C=colocviu
P - E - proiect autonom cu examinare ca si in cazul disciplinelor cu examen
P - D - proiect autonom cu examinare ca si in cazul disciplinelor cu evaluare distribuita
c=nr.ore curs/semestru

s=nr.ore seminar
l=nr.ore laborator
p=nr.ore proiect
CF=categorii formative care ii apartine disciplina
CF∈{DC, DD, DF, DS}
DC - disciplina complementara
DD - disciplina in domeniu
DF - disciplina fundamentala
DS - disciplina de specialitate
VPI = volum de ore necesar pregatirii individuale
Exemplu

Analiza matematica											
Cod	4	E	28	28	0	0	DF	60			