

Domeniul fundamental (DFI): STIINTE INGINERESTI  
Ramura de stiinta (RSI): INGINERIA SISTEMELOR, CALCULATOARE SI TEHNOLOGIA INFORMATIEI  
Domeniul de licenta (DL): COMPUTERS AND INFORMATION TECHNOLOGY

Cod DFI	CodRSI	CodDL	CodS
20	60	10	10

ciclu	c1c2c3	a1a2
L	000	16

**CURRICULA**  
Academic year 2016- 2017

		1 <sup>st</sup> YEAR										2 <sup>nd</sup> YEAR																													
		SEMESTER 1					SEMESTER 2					SEMESTER 3					SEMESTER 4																								
1	Mathematical analysis	Computer assisted mathematics										System theory and automatization					Microeconomics																								
	L000.16.01.F1	5	E	28	28	0	0	DF	57	L000.16.02.F1	5	D	28	0	28	0	DF	57	L000.16.03.D1	4	D	28	0	28	0	DD	42	L000.16.04.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																								
	L000.16.01.F2	5	E	28	28	0	0	DF	60	L000.16.02.F2	5	E	42	28	0	0	DF	46	L000.16.03.D2	4	E	28	0	28	0	DD	44	L000.16.04.D2	5	E	28	0	28	0	DD	70					
3	Physics	Electrical engineering fundamentals										Object-oriented programming					Software engineering fundamentals																								
	L000.16.01.F3	4	D	28	14	14	0	DF	38	L000.16.02.F3	4	E	28	14	14	0	DF	38	L000.16.03.D3	5	E	35	0	28	0	DD	64	L000.16.04.D3	5	E	28	0	28	14	DD	54					
4	Computer programming	Electronic devices										Measurement principles, techniques and devices					Databases																								
	L000.16.01.F4	5	E	42	0	28	0	DF	50	L000.16.02.F4	4	D	28	0	14	0	DF	52	L000.16.03.D4	4	D	28	14	14	0	DD	38	L000.16.04.D4	4	D	28	0	28	0	DD	42					
5	Logic and discrete structure	Programming techniques										Computer architecture					Computer organization																								
	L000.16.01.F5	4	E	28	28	0	0	DF	41	L000.16.02.F5	4	E	28	0	28	0	DF	38	L000.16.03.D5	4	E	28	0	28	0	DD	42	L000.16.04.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)																								
	L000.16.01.F6	3	D	28	0	14	0	DF	26	L000.16.02.D6	4	E	28	0	28	0	DD	38	L000.16.03.D6	4	E	35	0	28	0	DD	31	L000.16.04.D6-ij	4	E	28	0	28	0	DD	38					
7	Foreign languages 1	Foreign languages 2										Communication					Culture and civilization																								
	L000.16.01.C7	2	D	0	28	0	0	DC	20	L000.16.02.C7	2	D	0	28	0	0	DC	20	L000.16.03.C7	3	D	28	14	0	0	DC	30	L000.16.04.C7	2	D	14	14	0	0	DC	18					
8	Sports 1	Sports 2										Sports 3					Sports 4																								
	L000.16.01.C8	2	D	0	28	0	0	DC	20	L000.16.02.C8	2	D	0	14	0	0	DC	20	L000.16.03.C8	2	D	0	14	0	0	DC	34	L000.16.04.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																								
	L000.16.01.f9							f		L000.16.02.f9-ij							f		L000.16.03.f9							f		L000.16.04.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 2016- 2017

		2 <sup>nd</sup> YEAR												
		SEMESTER 3						SEMESTER 4						
01								Elective 1 - Integrated circuits						
		L000.16.04.D6-01						4	E	28	0	28	0	DD
02								Elective 1 - Fundamental concepts of programming languages						
		L000.16.04.D6-02						4	E	28	0	28	0	DD

**DISCIPLINE OPTIONALE (ELECTIVE DISCIPLINES)**  
Academic year 2016- 2017

		1 <sup>st</sup> YEAR						2 <sup>nd</sup> YEAR																																													
		SEMESTER 1			SEMESTER 2			SEMESTER 3						SEMESTER 4																																							
01		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																																							
		L000.16.01.f9-01			5	E	28	28	0	0	f	64	L000.16.02.f9-01						5	E	28	28	0	0	f	64	L000.16.03.f9-01						5	E	28	28	0	0	f	64	L000.16.04.f9-01						5	E	28	28	0	0	f
02					Volunteering									Volunteering																																							
					L000.16.02.f9-02			2	C	0	0	28	0	f								L000.16.04.f9-02						2	C	0	0	28	0	f																			
03														Social responsibility and civic activism																																							
														L000.16.04.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	2	0	0	(c, s, l, p)	din care:				2	2	2	0	(c, s, l, p)	din care:				2	2	0	0	(c, s, l, p)	din care:	4			4	2	0	(c, s, l, p)																		

**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 careia 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	