

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

ci	c1c2c3	a1a2
L	000	16

**CURRICULUM**  
Academic year 2016 - 2017

	1 <sup>st</sup> YEAR										2 <sup>nd</sup> YEAR																									
	SEMESTER 1					SEMESTER 2					SEMESTER 3					SEMESTER 4																				
1	Calculus					Computer assisted mathematics					System theory and automatization					Algorithm design and analysis																				
	L000.16.01.F1	5	E	28	28	0	0	DF	64	L000.16.02.F1	4	D	28	0	28	0	DF	64	L000.16.03.D1	5	D	28	0	28	0	DD	64	L000.16.04.D1	6	E	42	0	28	0	DD	74
2	Algebra and geometry					Special mathematics (Probabilities and statistics)					Data structures and algorithms					Software engineering fundamentals																				
	L000.16.01.F2	5	E	28	28	0	0	DF	64	L000.16.02.F2	5	E	28	28	0	0	DF	74	L000.16.03.D2	5	E	28	0	28	0	DD	64	L000.16.04.D2	5	E	28	0	28	0	DD	64
3	Physics					Electrical engineering fundamentals					Object-oriented programming					Computer organization																				
	L000.16.01.F3	5	D	42	14	14	0	DF	50	L000.16.02.F3	4	E	28	0	14	0	DF	50	L000.16.03.D3	6	E	42	0	28	0	DD	74	L000.16.04.D3	5	E	28	0	28	14	DD	64
4	Computer programming					Programming techniques					Computer architecture					Operating systems																				
	L000.16.01.F4	6	E	42	0	42	0	DF	74	L000.16.02.F4	5	E	28	0	28	0	DF	64	L000.16.03.D4	6	E	42	0	28	0	DD	74	L000.16.04.D4	5	E	28	0	28	0	DD	64
5	Logic and discrete structure					Digital logic					Digital circuits and signals					Computer networks																				
	L000.16.01.F5	5	E	28	28	0	0	DF	64	L000.16.02.F5	4	E	28	0	28	0	DF	64	L000.16.03.D5	5	E	28	0	28	0	DD	64	L000.16.04.D5	6	E	42	0	28	0	DD	74
6	Foreign languages 1					Electronic devices and measurements					Communication					Culture and civilization																				
	L000.16.01.C6	2	D	14	14	0	0	DC	20	L000.16.02.F6	4	D	28	0	14	0	DF	50	L000.16.03.C6	2	D	28	14	0	0	DC	6	L000.16.04.C6	2	D	14	14	0	0	DC	6
7	Sports 1					Foreign languages 2					Sports 3					Sports 4																				
	L000.16.01.C7	2	D	0	14	0	0	DC	20	L000.16.02.C7	2	D	14	14	0	0	DC	20	L000.16.03.C7	1	D	0	14	0	0	DC	10	L000.16.04.C7	1	D	0	14	0	0	DC	10
8	Optional - choose from any specialization curriculum					Sports 2					Optional - choose from any specialization curriculum					Optional - choose from any specialization curriculum																				
	L000.16.01.f8							f		L000.16.02.C8	2	D	0	28	0	0	DC	20	L000.16.03.f8							f		L000.16.04.f8-ij						f		
9						Optional - choose from any specialization curriculum																														
										L000.16.02.f9-ij							f																			
total/sem.	ore:	364			VPI:	356			ore:	364			VPI:	406			ore:	364			VPI:	356			ore:	364			VPI:	356						
	credite:	30			evaluări:	4E, 3D			credite:	30			evaluări:	4E, 3D			credite:	30			evaluări:	4E, 3D			credite:	30			evaluări:	4E, 3D						
total/săpt.	ore:	26							ore:	26							ore:	26							ore:	26										
	din care:	13	9	4	0	(c, s, l, p)			din care:	13	5	8	0	(c, s, l, p)					din care:	14	2	10	0	(c, s, l, p)												

**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	Educational psychology					Pedagogy I: Theory and methodology of curriculum					Pedagogy II: -Theory and methodology of instruction, -Theory and methodology of evaluation					Didactics of technical disciplines																								
	L000.16.01.f8-01	5	E	28	28	0	0	f	64	L000.16.02.f9-01	5	E	28	28	0	0	f	64	L000.16.03.f8-01	5	E	28	28	0	0	f	64	L000.16.04.f8-01	5	E	28	28	0	0	f	64				
02						Volunteering										Volunteering																								
										L000.16.02.f9-02	2	C	0	0	28	0	f									L000.16.04.f8-02	2	C	0	0	28	0	f							
03																Social responsibility and civic activism																								
																										L000.16.04.f8-03	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	
<p><b>Cod</b> = cod disciplina  <b>nc</b> = nr.credite transferabile  <b>FE</b> = forma de evaluare  <b>FE</b> ∈ {E, D, C, P-E, P-D}  <b>E</b>=examen  <b>D</b>=evaluare distribuita  <b>C</b>=colocviu  <b>P - E</b> - proiect autonom cu examinare ca si in cazul disciplinelor cu examen  <b>P - D</b> - proiect autonom cu examinare ca si in cazul disciplinelor cu evaluare distribuita  <b>c</b>=nr.ore curs/semestru</p>									
<p><b>s</b>=nr.ore seminar  <b>l</b>=nr.ore laborator  <b>p</b>=nr.ore proiect  <b>CF</b>=categorie formativa careia ii apartine disciplina  <b>CF</b> ∈ {DC, DD, DF, DS}  <b>DC</b> - disciplina complementara  <b>DD</b> - disciplina in domeniu  <b>DF</b> - disciplina fundamentala  <b>DS</b> - disciplina de specialitate  <b>VPI</b> = volum de ore necesar pregatirii individuale</p>									
<b>Exemplu</b>									
<b>Analiza matematica</b>									
Cod	4	E	28	28	0	0	DF	60	

(\*) - discipline optionale activate in anul universitar 2016 / 2017

RECTOR,  
Prof.univ.dr.ing.Viorel-Aurel ȘERBAN

DECAN,  
prof.dr.ing. Radu-Emil PRECUP