

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	Cod RSI	Cod DL	Cod S
20	60	10	10

ciclu	c1c2c3	a1a2
L	000	17

CURRICULUM
Academic year 2017 - 2018

1 st YEAR													2 nd YEAR																																					
SEMESTER 1						SEMESTER 2						SEMESTER 3						SEMESTER 4																																
1	Calculus						Computer assisted mathematics						System theory and automatization						Algorithm design and analysis																															
	L000.17.01.F1	5	E	28	28	0	0	DF	64	L000.17.02.F1	4	D	28	0	28	0	DF	64	L000.17.03.D1	5	D	28	0	28	0	DD	64	L000.17.04.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																															
	L000.17.01.F2	5	E	28	28	0	0	DF	64	L000.17.02.F2	5	E	28	28	0	0	DF	74	L000.17.03.D2	5	E	28	0	28	0	DD	64	L000.17.04.D2	5	E	28	0	28	0	DD	64														
3	Physics						Electrical engineering fundamentals						Object-oriented programming						Computer organization																															
	L000.17.01.F3	5	D	42	14	14	0	DF	50	L000.17.02.F3	4	E	28	0	14	0	DF	50	L000.17.03.D3	6	E	42	0	28	0	DD	74	L000.17.04.D3	5	E	28	0	28	14	DD	64														
4	Computer programming						Programming techniques						Computer architecture						Operating systems																															
	L000.17.01.F4	6	E	42	0	42	0	DF	74	L000.17.02.F4	5	E	28	0	28	0	DF	64	L000.17.03.D4	6	E	42	0	28	0	DD	74	L000.17.04.D4	5	E	28	0	28	0	DD	64														
5	Logic and discrete structure						Digital logic						Digital circuits and signals						Computer networks																															
	L000.17.01.F5	5	E	28	28	0	0	DF	64	L000.17.02.F5	4	E	28	0	28	0	DF	64	L000.17.03.D5	5	E	28	0	28	0	DD	64	L000.17.04.D5	6	E	42	0	28	0	DD	74														
6	Foreign languages 1						Electronic devices and measurements						Communication						Culture and civilization																															
	L000.17.01.C6	2	D	14	14	0	0	DC	20	L000.17.02.F6	4	D	28	0	14	0	DF	50	L000.17.03.C6	2	D	28	14	0	0	DC	6	L000.17.04.C6	2	D	14	14	0	0	DC	6														
7	Sports 1						Foreign languages 2						Sports 3						Sports 4																															
	L000.17.01.C7	2	D	0	14	0	0	DC	20	L000.17.02.C7	2	D	14	14	0	0	DC	20	L000.17.03.C7	1	D	0	14	0	0	DC	10	L000.17.04.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																															
	L000.17.01.f8							f		L000.17.02.C8	2	D	0	28	0	0	DC	20	L000.17.03.f8							f		L000.17.04.f8-ij						f																
9	Optional - choose from any specialization curriculum						Optional - choose from any specialization curriculum																																											
	L000.17.02.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						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 2017 - 2018

		1 st YEAR										2 nd 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																								
	L000.17.01.f8-01	5	E	28	28	0	0	f	64	L000.17.02.f9-01	5	E	28	28	0	0	f	64	L000.17.03.f8-01	5	E	28	28	0	0	f	64	L000.17.04.f8-01	5	E	28	28	0	0	f	64					
02							Volunteering										Volunteering																								
							L000.17.02.f9-02	2	C	0	0	28	0	f													L000.17.04.f8-02	2	C	0	0	28	0	f							
03																	Social responsibility and civic activism																								
																	L000.17.04.f8-03	2	E	28	28	0	0	f																	
total/ sem.	ore:	56					VPI: 64					ore: 56					VPI: 64					ore: 140					VPI: 64														
	credite:	5					evaluări: 1E					credite: 7					evaluări: 1E, 1C					credite: 5					evaluări: 1E					ore: 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>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</p> <p>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</p>										
Analiza matematica										
Cod	4	E	28	28	0	0	DF	60		

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

DECAN,
Prof.univ.dr.ing. Radu-Emil PRECUP