

Domeniul fundamental (DF): ȘTIINȚE INGINERESTI

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

Domeniul de licență (DL): COMPUTERS AND INFORMATION TECHNOLOGY

Cod DFI	CodRSI	CodDL
20	60	10

PLAN DE ÎNVĂȚĂMÂNT
An universitar 2014 - 2015

	ANUL I				ANUL II																												
	SEMESTRUL 1		SEMESTRUL 2		SEMESTRUL 3		SEMESTRUL 4																										
1.	Mathematical analysis		Computer assisted mathematics		System theory and automatization		Microeconomics																										
	5	E	28	28	0	0	DF	57	5	D	28	0	28	0	DF	57	4	D	28	0	28	0	DD	42	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																										
	5	E	28	28	0	0	DF	60	5	E	42	28	0	0	DF	46	4	E	28	0	28	0	DD	44	5	E	28	0	28	0	DD	70	
3.	Physics		Electrical engineering fundamentals		Object-oriented programming		Software engineering fundamentals																										
	4	D	28	14	14	0	DF	38	4	E	28	14	14	0	DF	38	5	E	35	0	28	0	DD	64	5	E	28	0	28	14	DD	54	
4.	Computer programming		Electronic devices		Measurement principles, techniques and devices		Databases																										
	5	E	42	0	28	0	DF	50	4	D	28	0	14	0	DF	52	4	D	28	14	14	0	DD	38	4	D	28	0	28	0	DD	42	
5.	Logic and discrete structure		Programming techniques		Computer architecture		Computer organization																										
	4	E	28	28	0	0	DF	41	4	E	28	0	28	0	DF	38	4	E	28	0	28	0	DD	42	5	E	28	0	28	14	DD	53	
6.	Fundamentals of mechanical engineering and robotics		Digital logic		Digital circuits and signals		Integrated circuits / Fundamental concepts of programming languages																										
	3	D	28	0	14	0	DF	26	4	E	28	0	28	0	DD	38	4	E	35	0	28	0	DD	31	4	E	28	0	28	0	DD	38	
7.	Foreign languages		Foreign languages		Communication		Culture and civilization																										
	2	D	0	28	0	0	DC	20	2	D	0	28	0	0	DC	20	3	D	28	14	0	0	DC	30	2	D	14	14	0	0	DC	18	
8.	Sports		Sports		Sports		Sports																										
	2	D	0	28	0	0	DC	20	2	D	0	14	0	0	DC	20	2	D	0	14	0	0	DC	34	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																										
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 FACULTATIVE (OPTIONAL DISCIPLINES)
An universitar 2014 - 2015

ANUL I												ANUL II																				
SEMESTRUL 1						SEMESTRUL 2						SEMESTRUL 3						SEMESTRUL 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													
	5	E	28	28	0	0	DC	64	5	E	28	28	0	0	DC	64	5	E	28	28	0	0	DC	64	5	E	28	28	0	0	DC	64
2.							Volunteering												Volunteering													
									2	C	0	0	28	0											2	C	0	0	28	0		
3.																			Social responsibility and civic activism													
																									2	E	28	28	0	0		
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	credite:	5	evaluări:			1E	credite:	9	evaluări:			1E								
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)				

ANUL III												ANUL IV																				
SEMESTRUL 5						SEMESTRUL 6						SEMESTRUL 7						SEMESTRUL 8														
1.	Computer assisted instruction						Classroom management												Volunteering													
	2	C	14	14	0	0	DC	24	3	E	14	14	0	0	DC	40									2	C	0	0	28	0		
2.	Pedagogical practice in compulsory secondary school (1)						Pedagogical practice in compulsory secondary school (2)																									
	3	C	0	0	0	42	DC	26	2	C	0	0	0	36	DC	6																
3.							Volunteering																									
									2	C	0	0	28	0																		
total/sem.	ore:	70	VPI:			50	ore:	92	VPI:			46	ore:	0	VPI:			0	ore:	28	VPI:			0								
	credite:	5	evaluări:			2C	credite:	7	evaluări:			2E, 1C	credite:	0	evaluări:				credite:	2	evaluări:											
total/săpt.	ore:	5					ore:	7					ore:	0					ore:	2												
	din care:		1	1	0	3	(c, s, l, p)	din care:		1	1	2	3	(c, s, l, p)	din care:		0	0	0	0	(c, s, l, p)	din care:		0	0	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

(*) - discipline optionale activate in anul universitar 2014 / 2015

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			
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