

CODUL SI	DENUMIREA DISCIPLINEI	Anul : I								Forma de verificare			Nr.ore/disciplina				Credite/sem		Disciplina			
		SEM 1 14 sapt				SEM 2 14 sapt				E	C	V	Total	C	Apl	St. ind	1	2	cat	tip		
		C	S	L	P	PR	C	S	L												P	PR
1.00	Analiza matematica	2	2	0	0	0					Nota	125	28	28	69	5.0		DF	DI			
2.00	Algebra liniara, geometrie analitica si diferentia	2	2	0	0	0					Nota	100	28	28	44	4.0		DF	DI			
3.00	Bazele electrotehnicii	2	1	1	0	0					Nota	125	28	28	69	5.0		DD	DI			
4.00	Fizica I	2	0	2	0	0					Nota	125	28	28	69	5.0		DF	DI			
5.00	Programarea calculatoarelor si limbaje de programare I	2	0	2	0	0					Nota	125	28	28	69	5.0		DF	DI			
6.00	Mecanica	2	0	1	0	0					Nota	75	28	14	33	3.0		DD	DI			
7.00	Limbi moderne 1	0	1	0	0	0					Nota	25	0	14	11	1.0		DC	DI			
8.00	Educatie fizica si sport I	0	2	0	0	0					A/R	50	0	28	22	2.0		DC	DI			
9.00	Matematici speciale						2	2	0	0	0	Nota	125	28	28	69	5.0		DF	DI		
10.00	Fizica II						2	0	2	0	0	Nota	125	28	28	69	5.0		DF	DI		
11.00	Chimie						2	0	1	0	0	Nota	75	28	14	33	3.0		DF	DI		
12.00	Programarea calculatoarelor si limbaje de programare II						2	0	2	0	0	Nota	125	28	28	69	5.0		DF	DI		
13.00	Grafica asistata de calculator						2	0	2	0	0	Nota	100	28	28	44	4.0		DF	DI		
14.00	Teoria circuitelor electrice						2	2	0	0	0	Nota	125	28	28	69	5.0		DD	DI		
15.10	Limbi moderne 2 Engleza						2	0	0	0	0	Nota	50	28	0	22	2.0		DC	DO		
15.20	Limbi moderne 2 Franceza						2	0	0	0	0	Nota	50	28	0	22	2.0		DC	DO		
15.30	Limbi moderne 2 Germana						2	0	0	0	0	Nota	50	28	0	22	2.0		DC	DO		
16.00	Educatie fizica si sport II						0	1	0	0	0	A/R	25	0	14	11	1.0		DC	DI		
TOTAL AN		12	8	6	0	0	14	5	7	0	0	sem1	5	2	1	1500	364	364	772	30.0	30.0	
				26.00					26.00			sem2	5	2	1							

101.00	Teoria probabilitatilor si statistica matematica	2	1	0	0	0					Nota	75	28	14	33	3.0		DF	Dfac	
200.00	Psihologia educatiei	2	2	0	0	0					Nota	125	28	28	69	5.0		DC	Dfac	
301.00	Voluntariat 1	0	1	0	0	0					A/R	50	0	14	36	2.0		DC	Dfac	
102.00	Utilizare avansata MsOffice						0	0	2	0	0	A/R	50	0	28	22	2.0		DC	Dfac
103.00	Fizica						2	1	0	0	0	Nota	75	28	14	33	3.0		DF	Dfac
201.00	Pedagogie I (Fundamentele pedagogiei, Teoria si						2	2	0	0	0	Nota	125	28	28	69	5.0		DC	Dfac

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metodologia curriculumului)																				
302.00 Voluntariat 2					0	1	0	0	0		A/R	50	0	14	36		2.0	DC Dfac		
TOTAL AN	4	4	0	0	0	4	4	2	0	0	sem1	1	1	1	550	112	140	298	10.0	12.0
			8.00					10.00			sem2	1	1	2						

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CODUL SI DENUMIREA DISCIPLINEI	Anul : II										Forma de verificare			Nr.ore/disciplina				Credite/sem		Disciplina	
	SEM 1 14 sapt					SEM 2 14 sapt					E	C	V	Total	C	Apl	St. ind	1	2	cat	tip
	C	S	L	P	PR	C	S	L	P	PR											
17.00 Metode numerice	2	0	2	0	0									100	28	28	44	4.0		DF	DI
18.00 Teoria campului electromagnetic	2	2	1	0	0									125	28	42	55	5.0		DID	DI
19.00 Electronica	2	0	1	1	0									125	28	28	69	5.0		DID	DI
20.00 Masurari electrice si electronice	2	0	2	0	0									100	28	28	44	4.0		DID	DI
21.00 Materiale electrotehnice	2	0	2	0	0									100	28	28	44	4.0		DID	DI
22.10 Arhitecturi de calculatoare si sisteme de operare	2	0	1	0	0									75	28	14	33	3.0		DS	DO
22.20 Introducere in ingineria electrica	2	0	1	0	0									75	28	14	33	3.0		DS	DO
23.00 Economie	2	1	0	0	0									75	28	14	33	3.0		DC	DI
24.00 Limbi moderne 3	0	1	0	0	0									50	0	14	36	2.0		DC	DI
25.00 Informatica medicala						2	0	1	0	0				75	28	14	33		3.0	DID	DI
26.00 Masini electrice I						2	0	2	0	0				100	28	28	44		4.0	DID	DI
27.00 Traductoare						2	0	2	0	0				100	28	28	44		4.0	DID	DI
28.00 Sisteme digitale						2	1	2	0	0				100	28	42	30		4.0	DID	DI
29.00 Teoria sistemelor si reglare automata						2	1	2	0	0				125	28	42	55		5.0	DID	DI
30.00 Introducere in ingineria biomedicala						2	0	1	0	0				50	28	14	8		2.0	DID	DI
31.00 Unde electromagnetice						2	0	0	0	0				50	28	0	22		2.0	DID	DI
32.00 Ergonomie						1	0	0	0	0				25	14	0	11		1.0	DC	DI
33.10 Limbi moderne IV Engleza						1	0	0	0	0				25	14	0	11		1.0	DC	DO
33.20 Limbi moderne IV Franceza						1	0	0	0	0				25	14	0	11		1.0	DC	DO
33.30 Limbi moderne IV Germana						1	0	0	0	0				25	14	0	11		1.0	DC	DO
34.00 Practica I (3 sapt)						0	0	0	0	30			A/R	100	0	90	10		4.0	DID	DI
TOTAL AN	14	4	9	1	0	16	2	10	0	30			sem1 5 3 0 sem2 5 4 1	1500	420	454	626	30.0	30.0		

105.00 Comunicare profesionala	2	1	0	0	0									75	28	14	33	3.0		DC	Dfac
106.00 Design, estetica si arta digitala	2	0	1	0	0									75	28	14	33	3.0		DC	Dfac
107.00 Pedagogie II (Teoria si metodologia instruirii, Teoria si	2	2	0	0	0									125	28	28	69	5.0		DC	Dfac

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metodologia evaluarii)																						
303.00 Voluntariat 3	0	1	0	0	0				A/R	50	0	14	36	2.0	DC	Dfac						
108.00 Drept si legislatie economica						2	1	0	0	0				Nota	75	28	14	33	3.0	DC	Dfac	
109.00 Ecologie si protectia mediului						2	1	0	0	0				Nota	75	28	14	33	3.0	DC	Dfac	
110.00 Didactica specializarii (discipline tehnice)						2	2	0	0	0				Nota	125	28	28	69	5.0	DC	Dfac	
304.00 Voluntariat 4						0	1	0	0	0				A/R	50	0	14	36	2.0	DC	Dfac	
TOTAL AN	6	4	1	0	0	6	5	0	0	0	sem1	1	2	1	650	168	140	342	13.0	13.0		
											sem2	1	2	1								

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CODUL SI DENUMIREA DISCIPLINEI	Anul : III					Forma de verificare			Nr.ore/disciplina				Credite/sem		Disciplina				
	SEM 1		14 sapt			SEM 2		14 sapt	E	C	V	Total	C	Apl	St. ind	1	2	cat	tip
	C	S	L	P	PR	C	S	L											
35.00 Echipamente electrice	2	0	2	0	0				Nota			125	28	28	69	5.0		DID	DI
36.00 Producerea, transportul si distributia energiei electrice	2	0	2	0	0				Nota			125	28	28	69	5.0		DID	DI
37.00 Anatomie si fiziologie	2	0	2	1	0				Nota			150	28	42	80	6.0		DID	DI
38.00 Sisteme biologice	2	0	2	0	0				Nota			100	28	28	44	4.0		DID	DI
39.00 Interfete si achizitii de date	2	0	2	1	0				Nota			150	28	42	80	6.0		DS	DI
40.00 Introducere in ingineria biomedicala	2	0	2	0	0				Nota			100	28	28	44	4.0		DS	DI
41.00 Calitate si fiabilitate						2	1	0	0	0	Nota	75	28	14	33		3.0	DID	DI
42.00 Actionari electrice						2	0	2	1	0	Nota	125	28	42	55		5.0	DS	DI
43.00 Sisteme cu microprocesoare						2	0	2	0	0	Nota	100	28	28	44		4.0	DID	DI
44.00 Bazele managementului						2	2	0	0	0	Nota	100	28	28	44		4.0	DID	DI
45.00 Instalatii electrice						2	0	1	2	0	Nota	125	28	42	55		5.0	DS	DI
46.00 Electronica medicala						2	0	2	1	0	Nota	125	28	42	55		5.0	DID	DI
47.00 Practica II (3 sapt)						0	0	0	0	30	A/R	100	0	90	10		4.0	DS	DI
TOTAL AN	12	0	12	2	0	12	3	7	4	30	sem1 5 1 0 sem2 5 1 1	1500	336	482	682	30.0	30.0		

112.00 Sisteme de telecomunicatii	2	1	0	0	0				Nota			75	28	14	33	3.0		DS	Dfac
113.00 Tehnologii web	1	0	2	0	0				Nota			75	14	28	33	3.0		DS	Dfac
114.00 Instruire asistata de calculator	1	0	1	0	0				Nota			50	14	14	22	2.0		DC	Dfac
115.00 Practica pedagogica I	0	0	0	0	3				Nota			75	0	42	33	3.0		DC	Dfac
305.00 Voluntariat 5	0	1	0	0	0				A/R			50	0	14	36	2.0		DC	Dfac
116.00 Retele de calculatoare						1	0	2	0	0	Nota	75	14	28	33		3.0	DS	Dfac
117.00 Surse regenerabile						2	0	1	0	0	Nota	75	28	14	33		3.0	DS	Dfac
118.00 Managementul clasei de elevi						1	1	0	0	0	Nota	75	14	14	47		3.0	DC	Dfac
119.00 Practica pedagogica II						0	0	0	0	3	Nota	50	0	42	8		2.0	DC	Dfac
120.00 Examen absolvire nivel I						0	0	0	0	0	Nota	0	0	0	0		5.0	DC	Dfac
121.00 Arheometrie						2	0	1	0	0	Nota	75	28	14	33		3.0	DC	Dfac
306.00 Voluntariat 6						0	1	0	0	0	A/R	50	0	14	36		2.0	DC	Dfac

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TOTAL AN	4	2	3	0	3	6	2	4	0	3	sem1	0	4	1	725	140	238	347	13.0	16.0	
			9.00					12.00			sem2	1	4	1						+ 5	

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CODUL SI	DENUMIREA DISCIPLINEI	Anul : IV								Forma de verificare			Nr.ore/disciplina				Credite/sem		Disciplina	
		SEM 1 14 sapt				SEM 2 14 sapt				E	C	V	Total	C	Apl	St. ind	1	2	cat	tip
		C	S	L	P	PR	C	S	L											
48.00	Compatibilitate electromagnetica	2	0	2	0	0					Nota	125	28	28	69	5.0		DS	DI	
49.00	Masurarea parametrilor biomedicali	2	0	2	0	0					Nota	125	28	28	69	5.0		DS	DI	
50.00	Instrumentatie biomedicala	2	0	2	0	0					Nota	100	28	28	44	4.0		DS	DI	
50.00	Procesarea semnalelor biomedicale	2	0	2	0	0					Nota	125	28	28	69	5.0		DS	DI	
52.00	Inginerie clinica	2	0	2	0	0					Nota	100	28	28	44	4.0		DS	DI	
53.10	Instrumente CAD	2	0	2	0	0					Nota	100	28	28	44	4.0		DS	DO	
53.20	Procesarea semnalelor de masurare	2	0	2	0	0					Nota	100	28	28	44	4.0		DS	DO	
53.30	Sisteme inteligente in ingineria electrica	2	0	2	0	0					Nota	100	28	28	44	4.0		DS	DO	
53.30	Sisteme SCADA	2	0	2	0	0					Nota	100	28	28	44	4.0		DS	DO	
53.40	Mentenanata sistemelor industriale	2	0	2	0	0					Nota	100	28	28	44	4.0		DS	DO	
53.60	Sisteme informatice (SAP, Arena) pentru gestionarea proceselor ingineresti	2	0	2	0	0					Nota	100	28	28	44	4.0		DS	DO	
53.70	Modelarea sistemelor biologice	2	0	2	0	0					Nota	100	28	28	44	4.0		DS	DO	
54.10	Bioelectromagnetism	2	0	1	0	0					Nota	75	28	14	33	3.0		DS	DO	
54.20	Statistica aplicata in inginerie medicala	2	0	1	0	0					Nota	75	28	14	33	3.0		DS	DO	
55.00	Analiza si prelucrarea imaginilor biomedicale						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DI
56.10	Informatica medicala						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DO
56.20	Biomecanica						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DO
57.10	Aparatura de laborator clinic						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DO
57.20	Audiometre si protezare auditiva						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DO
58.10	Tehnici inteligente de eficienta energetica in cladiri						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DO
58.20	Monitorizarea proceselor industriale						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DO
58.30	Sisteme electronice automotive						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DO
58.40	Logistica industriala						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DO
58.50	Tehnologii SmartGrid						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DO
58.60	Managementul mediului						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DO
58.70	Aplicatii ale inteligentei artificiale in ingineria medicala						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DO

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59.10 Comunicare si tehnici de prezentare		1	0	0	0	0	Nota	25	14	0	11	1.0	DC	DO				
59.20 Etica si integritate academica		1	0	0	0	0	Nota	25	14	0	11	1.0	DC	DO				
60.00 Elaborarea proiectului de diploma		0	0	0	4	0	A/R	100	0	56	44	4.0	DS	DI				
61.00 Practica pentru elaborarea proiectului de diploma		0	0	0	0	5	A/R	125	0	70	55	5.0	DS	DI				
62.00 Sustinere lucrare de diploma		0	0	0	0	0	Nota	0	0	0	0	10.0	DS	DI				
TOTAL AN	14	0	13	0	0	9	0	8	4	5	sem1 4 3 0 sem2 1 4 2	1500	322	420	758	30.0	30.0	+ 10

307.00 Voluntariat 7	0	1	0	0	0		A/R	50	0	14	36	2.0	DC	Dfac				
308.00 Voluntariat 8		0	1	0	0	0	A/R	50	0	14	36	2.0	DC	Dfac				
TOTAL AN	0	1	0	0	0	0	1	0	0	0	sem1 0 0 1 sem2 0 0 1	100	0	28	72	2.0	2.0	

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