

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	DOB		
2.00	Algebra liniara, geometrie analitica si diferentiala	2	2	0	0	0						Nota	125	28	28	69		5.0		DF	DOB		
3.00	Fizica	2	1	0	0	0						Nota	100	28	14	58		4.0		DF	DOB		
4.00	Programarea calculatoarelor si limbaje de programare I	2	0	2	0	0						Nota	125	28	28	69		5.0		DF	DOB		
5.00	Informatica aplicata	2	0	1	0	0						Nota	75	28	14	33		3.0		DF	DOB		
6.00	Componente si circuite electronice pasive	2	1	1	0	0						Nota	100	28	28	44		4.0		DF	DOB		
7.00	Limbi moderne I	0	2	0	0	0						Nota	50	0	28	22		2.0		DC	DOB		
8.00	Educatie fizica si sport I	0	2	0	0	0						A/R	50	0	28	22		2.0		DC	DOB		
9.00	Ecuatii diferentiale						2	2	0	0	0	Nota	125	28	28	69		5.0		DF	DOB		
10.00	Matematici speciale						2	2	0	0	0	Nota	125	28	28	69		5.0		DF	DOB		
11.00	Programarea calculatoarelor si limbaje de programare II						2	0	2	0	0	Nota	100	28	28	44		4.0		DF	DOB		
12.00	Fizica superioara						2	1	0	0	0	Nota	100	28	14	58		4.0		DF	DOB		
13.00	Bazele electrotehnicii I						2	2	0	0	0	Nota	100	28	28	44		4.0		DF	DOB		
14.00	Dispozitive electronice						2	0	2	0	0	Nota	125	28	28	69		5.0		DF	DOB		
15.00	Limbi moderne II						0	2	0	0	0	Nota	50	0	28	22		2.0		DC	DOB		
16.00	Educatie fizica si sport II						0	1	0	0	0	A/R	25	0	14	11		1.0		DC	DOB		
TOTAL AN		12	10	4	0	0	12	10	4	0	0	sem1 sem2	5 5	2 2	1 1	1500	336	392	772	30.0	30.0		
100.00	Protectia mediului	2	1	0	0	0						Nota	75	28	14	33		3.0		DC	DFA		
101.00	Limba moderna secundara I	0	2	0	0	0						Nota	50	0	28	22		2.0		DC	DFA		
201.00	Psihologia educatiei	2	2	0	0	0						Nota	125	28	28	69		5.0		DC	DFA		
301.00	Voluntariat I	0	1	0	0	0						A/R	50	0	14	36		2.0		DC	DFA		
102.00	Medii de calcul ingineresc						2	0	2	0	0	Nota	100	28	28	44		4.0		DS	DFA		
103.00	Limba moderna secundara II						0	2	0	0	0	Nota	50	0	28	22		2.0		DC	DFA		
202.00	Pedagogie I (Fundamentele pedagogiei, Teoria si metodologia curriculum-ului)						2	2	0	0	0	Nota	125	28	28	69		5.0		DC	DFA		
302.00	Voluntariat II						0	1	0	0	0	A/R	50	0	14	36		2.0		DC	DFA		

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TOTAL AN	4	6	0	0	0	4	5	2	0	0	sem1	1	2	1	625	112	182	331	12.0	13.0	
			10.00					11.00			sem2	1	2	1							

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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	1	0	0						Nota	100	28	14	58		4.0		DF	DOB		
18.00	Masurari in electronica si telecomunicatii	2	0	2	0	0						Nota	100	28	28	44		4.0		DF	DOB		
19.00	Circuite electronice fundamentale	2	0	2	0	0						Nota	100	28	28	44		4.0		DF	DOB		
20.00	Bazele electrotehnicii II	2	2	0	0	0						Nota	100	28	28	44		4.0		DF	DOB		
21.00	Materiale pentru electronica	2	0	1	0	0						Nota	100	28	14	58		4.0		DF	DOB		
22.00	Semnale si sisteme	2	1	1	0	0						Nota	100	28	28	44		4.0		DF	DOB		
23.00	Circuite integrate digitale I	2	1	1	0	0						Nota	100	28	28	44		4.0		DF	DOB		
24.00	Limbi moderne III	2	0	0	0	0						Nota	50	28	0	22		2.0		DC	DOB		
25.00	Grafica asistata de calculator						2	0	2	0	0	Nota	100	28	28	44		4.0		DF	DOB		
26.00	Microunde						2	0	2	0	0	Nota	100	28	28	44		4.0		DF	DOB		
27.00	Analiza si sinteza circuitelor						2	1	1	0	0	Nota	100	28	28	44		4.0		DF	DOB		
28.00	Circuite integrate analogice I						2	1	1	0	0	Nota	100	28	28	44		4.0		DF	DOB		
29.00	Circuite integrate digitale II						2	0	1	1	0	Nota	100	28	28	44		4.0		DF	DOB		
30.00	Modele SPICE						2	0	2	0	0	Nota	100	28	28	44		4.0		DF	DOB		
31.00	Limbi moderne IV						2	0	0	0	0	Nota	50	28	0	22		2.0		DC	DOB		
32.00	Practica de domeniu (3 sapt)						0	0	0	0	30	A/R	100	0	90	10		4.0		DF	DOB		
TOTAL AN		16	4	8	0	0	14	2	9	1	30	sem1 sem2	5 4	3 3	0 1	1500	420	426	654	30.0	30.0		
104.00	Programare obiect-orientata	2	0	2	0	0						Nota	100	28	28	44		4.0		DF	DFA		
105.00	Educatie fizica si sport III	0	2	0	0	0						A/R	50	0	28	22		2.0		DC	DFA		
203.00	Pedagogie II (Teoria si metodologia instruirii, Teoria si metodologia evaluarii)	2	2	0	0	0						Nota	125	28	28	69		5.0		DC	DFA		
303.00	Voluntariat III	0	1	0	0	0						A/R	50	0	14	36		2.0		DC	DFA		
106.00	Programare in Java						2	0	2	0	0	Nota	100	28	28	44		4.0		DS	DFA		
107.00	Educatie fizica si sport IV						0	2	0	0	0	A/R	50	0	28	22		2.0		DC	DFA		
204.00	Didactica specializarii						2	2	0	0	0	Nota	125	28	28	69		5.0		DC	DFA		
304.00	Voluntariat IV						0	1	0	0	0	A/R	50	0	14	36		2.0		DC	DFA		

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TOTAL AN	4	5	2	0	0	4	5	2	0	0	sem1	1	1	2	650	112	196	342	13.0	13.0	
			11.00					11.00			sem2	1	1	2							

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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	P	PR												
33.00	Electronica de putere	2	0	2	1	0						Nota	125	28	42	55	5.0		DF	DOB			
34.00	Circuite integrate analogice II	2	0	2	0	0						Nota	125	28	28	69	5.0		DF	DOB			
35.00	Arhitectura microprocesoarelor	2	0	2	0	0						Nota	125	28	28	69	5.0		DF	DOB			
36.00	Tehnici CAD in realizarea modulelor electronice	2	0	2	0	0						Nota	100	28	28	44	4.0		DF	DOB			
37.00	Tehnici CAD in realizarea modulelor electronice (proiect)	0	0	0	1	0						Nota	25	0	14	11	1.0		DF	DOB			
38.00	Teoria transmisiunii informatiei	2	1	2	0	0						Nota	125	28	42	55	5.0		DF	DOB			
39.00	Bazele sistemelor de achizitii de date	2	0	2	0	0						Nota	125	28	28	69	5.0		DF	DOB			
40.00	Microcontrolere						2	0	2	2	0	Nota	125	28	56	41	5.0		DF	DOB			
41.00	Sisteme de comunicatii						2	0	2	0	0	Nota	100	28	28	44	4.0		DF	DOB			
42.00	Optoelectronica						2	0	2	0	0	Nota	125	28	28	69	5.0		DF	DOB			
43.00	Prelucrarea digitala a semnalelor						2	0	2	0	0	Nota	100	28	28	44	4.0		DF	DOB			
44.00	Arhitectura sistemelor de calcul						2	0	2	0	0	Nota	100	28	28	44	4.0		DS	DOB			
45.00	Inginerie software						2	0	2	0	0	Nota	100	28	28	44	4.0		DS	DOB			
46.00	Practica de specialitate (3 sapt)						0	0	0	0	30	A/R	100	0	90	10	4.0		DS	DOB			
TOTAL AN		12	1	12	2	0	12	0	12	2	30	sem1 5 2 0 sem2 4 2 1	1500	336	496	668	30.0	30.0					
108.00	Arhitecturi de retea si internet	2	0	2	0	0						Nota	100	28	28	44	4.0		DF	DFA			
109.00	Inteligenta artificiala	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DFA			
205.00	Practica pedagogica de specialitate in invatamantul preuniversitar	0	0	0	0	3						Nota	75	0	42	33	3.0		DC	DFA			
206.00	Instruire asistata de calculator	1	0	1	0	0						Nota	50	14	14	22	2.0		DC	DFA			
305.00	Voluntariat V	0	1	0	0	0						A/R	50	0	14	36	2.0		DC	DFA			
110.00	Baze de date						2	0	2	0	0	Nota	100	28	28	44	4.0		DF	DFA			
111.00	Tehnologii web						2	0	2	0	0	Nota	100	28	28	44	4.0		DS	DFA			
207.00	Practica pedagogica de specialitate in invatamantul preuniversitar						0	0	0	0	3	Nota	50	0	36	14	2.0		DC	DFA			
208.00	Managementul clasei de elevi						1	1	0	0	0	Nota	75	14	14	47	3.0		DC	DFA			
209.00	Examen de absolvire: nivelul I						0	0	0	0	0	Nota	125	0	0	125	5.0		DC	DFA			

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306.00 Voluntariat VI					0	1	0	0	0	A/R				50	0	14	36	2.0		DC	DFA
TOTAL AN	5	1	5	0	3	5	2	4	0	3	sem1	0	4	1	875	140	246	489	15.0	15.0	
				11.00					11.00		sem2	1	3	1					+ 5		

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	P	PR												
47.00	Instrumentatie virtuala	2	0	2	0	0						Nota	100	28	28	44		4.0		DS	DOB		
48.00	Televiziune	2	0	2	0	0						Nota	125	28	28	69		5.0		DF	DOB		
49.00	Surse de alimentare	2	0	2	0	0						Nota	100	28	28	44		4.0		DS	DOB		
50.00	Circuite logice programabile	2	0	2	0	0						Nota	100	28	28	44		4.0		DS	DOB		
51.00	Circuite logice programabile (proiect)	0	0	0	1	0						Nota	25	0	14	11		1.0		DS	DOB		
52.10	Automate programabile	2	0	2	1	0						Nota	125	28	42	55		5.0		DS	DOP		
52.20	Aplicatii practice ale microcontrolerelor	2	0	2	1	0						Nota	125	28	42	55		5.0		DS	DOP		
53.10	Sisteme integrate	2	0	2	0	0						Nota	125	28	28	69		5.0		DS	DOP		
53.20	Sisteme de senzori	2	0	2	0	0						Nota	125	28	28	69		5.0		DS	DOP		
54.10	E-marketing	2	0	0	0	0						Nota	50	28	0	22		2.0		DC	DOP		
54.20	Economie generala	2	0	0	0	0						Nota	50	28	0	22		2.0		DC	DOP		
55.00	Electronica si informatica medicala						2	0	2	0	0	Nota	125	28	28	69		5.0		DS	DOB		
56.10	Elemente de reglare si control						2	0	1	0	0	Nota	100	28	14	58		4.0		DS	DOP		
56.20	Testarea echipamentelor electronice						2	0	1	0	0	Nota	100	28	14	58		4.0		DS	DOP		
57.10	Sisteme cu FPGA						2	0	2	0	0	Nota	125	28	28	69		5.0		DS	DOP		
57.20	Prelucrarea numerica a imaginilor						2	0	2	0	0	Nota	125	28	28	69		5.0		DS	DOP		
58.10	Microelectronica						2	1	2	0	0	Nota	150	28	42	80		6.0		DS	DOP		
58.20	Electronica industriala						2	1	2	0	0	Nota	150	28	42	80		6.0		DS	DOP		
59.10	Comunicare si tehnici de prezentare						1	0	0	0	0	Nota	25	14	0	11		1.0		DC	DOP		
59.10	Etica si integritate academica						1	0	0	0	0	Nota	25	14	0	11		1.0		DC	DOP		
60.00	Elaborarea proiectului de diploma						0	0	0	9	0	A/R	225	0	126	99		9.0		DS	DOB		
61.00	Sustinere examen de diploma						0	0	0	0	0	Nota	0	0	0	0		10.0		DS	DOB		
TOTAL AN		14	0	12	2	0	9	1	7	9	0	sem1 5 3 0 sem2 2 3 1	1500	322	434	744		30.0 + 10	30.0				
307.00	Voluntariat VII	0	1	0	0	0						A/R	50	0	14	36		2.0		DC	DFA		
308.00	Voluntariat VIII						0	1	0	0	0	A/R	50	0	14	36		2.0		DC	DFA		

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TOTAL AN	0	1	0	0	0	0	1	0	0	0	0	sem1	0	0	1	100	0	28	72	2.0	2.0	
			1.00					1.00				sem2	0	0	1							

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Nivel de studii LICENTA PLAN DE INVATAMANT PENTRU PROMOTIA CARE INCEPE CU ANUL UNIVERSITAR 2025-2026

	C	S	L	P	PR	Credite	Examene	Colocvii si verificari	Total evaluari	Nr.examene/tot.evaluari
Anul I	336	280	112	0	0	60	10	6	16	63 %
Anul II	420	84	238	14	90	60	9	7	16	56 %
Anul III	336	14	336	56	90	60	9	5	14	64 %
Anul IV	322	14	266	154	0	60	7	7	14	50 %
TOTAL	1414	392	952	224	180	240	35	25	60	58 %

NUMAR ORE TOTAL	3162	DIN CARE	180.00	ORE PRACTICA
TOTAL ORE CURS, SEMINAR, LAB.,PROIECT	2982			
TOTAL ORE DISCIPLINE FUNDAMENTALE - TIP DF	2096	66.29 %	din tot.activ.didactice oblig	min. 55%
DIN CARE - TIP DFF	560	17.71 %	din tot.activ.didactice oblig	min. 17%
TOTAL ORE DISCIPLINE DE SPECIALITATE - TIP DS	850	26.88 %	din tot.activ.didactice oblig	min. 25%
TOTAL ORE DISCIPLINE COMPLEMENTARE - TIP DC	196	6.20 %	din tot.activ.didactice oblig.	max. 8%
TOTAL ORE DISCIPLINE OBLIGATORII - CAT DOB	2806	88.74 %	din tot.activ.didactice oblig	max. 90%
TOTAL ORE DISCIPLINE OPTIONALE - CAT DOP	336	10.63 %	din tot.activ.didactice oblig	min. 10%
TOTAL ORE DISCIPLINE FACULTATIVE - CAT DFA	1016	32.13 %	din tot.activ.didactice oblig	min. 10%
TOTAL ORE CURS	1414			
TOTAL ORE ACTIVITATI APLICATIVE	1748			
RAPORT CURS / ACTIV. PRACTICE	0.81	1 +/- 0.20		
TOTAL ORE DE PREGATIRE INDIVIDUALA	2838			
total ore didactice pe saptamana	213			

OBS. Disciplina Practica pedagogica in invatamantul preuniversitar anul 3 sem.2 se studiaza pe parcursul a 12 saptamani
Examenul de absolvire: nivelul I se desfasoara pe parcursul a 2 saptamani

Rector,	Decan,	Director departament,
Prof.Dr.Ing.Vasile Topa	Conf. dr. ing. Olivian Chiver	Conf. dr. ing. Claudiu Ionel Lung