

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	130	28	28	74	5.0		DF	DOB			
2.00	Algebra liniara, geometrie analitica si diferentia	2	2	0	0	0					Nota	130	28	28	74	5.0		DF	DOB			
3.00	Topografie	2	0	2	0	0					Nota	104	28	28	48	4.0		DID	DOB			
4.00	Programarea calculatoarelor si programe de proiectare I	2	0	2	0	0					Nota	104	28	28	48	4.0		DF	DOB			
5.00	Materiale de constructii si chimie aplicata (I)	2	0	2	0	0					Nota	130	28	28	74	5.0		DF	DOB			
6.00	Educatie fizica I	0	1	0	0	0					A/R	50	0	14	36	2.0		DC	DOB			
7.00	Limbi straine I	0	2	0	0	0					Nota	52	0	28	24	2.0		DC	DOB			
8.00	Istoria tehnicii constructiilor	2	0	0	0	0					Nota	78	28	0	50	3.0		DS	DOB			
9.00	Matematici speciale						2	1	0	0	0	Nota	104	28	14	62	4.0		DF	DOB		
10.00	Mecanica I						3	0	2	0	0	Nota	130	42	28	60	5.0		DID	DOB		
11.00	Fizica						2	1	0	0	0	Nota	78	28	14	36	3.0		DF	DOB		
12.00	Materiale de constructii si chimie aplicata (II)						2	0	2	0	0	Nota	130	28	28	74	5.0		DF	DOB		
13.00	Elemente de arhitectura						2	0	0	0	0	Nota	52	28	0	24	2.0		DID	DOB		
14.00	Programarea calculatoarelor si programe de proiectare II						0	0	2	0	0	Nota	78	0	28	50	3.0		DF	DOB		
15.00	Geometrie descriptiva						2	0	2	0	0	Nota	130	28	28	74	5.0		DF	DOB		
16.00	Educatie fizica II						0	1	0	0	0	A/R	28	0	14	14	1.0		DC	DOB		
17.00	Limbi straine II						0	2	0	0	0	Nota	52	0	28	24	2.0		DC	DOB		
TOTAL AN		12	7	6	0	0	13	5	8	0	0	sem1	4	3	1	1560	350	364	846	30.0	30.0	
					25.00						sem2	5	3	1								
201.00	Psihologia educatiei	2	2	0	0	0					Nota	130	28	28	74	5.0		DF	FAC			
202.00	Pedagogie I (Fundamentele pedagogiei, Teoria si metodologia curriculumului)						2	2	0	0	0	Nota	130	28	28	74	5.0		DF	FAC		

Rector,
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TOTAL AN	2	2	0	0	0	2	2	0	0	0	sem1	1	0	0	260	56	56	148	5.0	5.0	
			4.00					4.00			sem2	1	0	0							

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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												
18.00 Mecanica II	2	0	2	0	0									Nota	130	28	28	74	5.0		DID	DOB
19.00 Rezistenta materialelor I	3	0	3	0	0									Nota	156	42	42	72	6.0		DID	DOB
20.00 Analiza numerica	2	0	2	0	0									Nota	78	28	28	22	3.0		DF	DOB
21.00 Geologie inginereasca	1	0	1	0	0									Nota	78	14	14	50	3.0		DID	DOB
22.00 Managementul si conducerea activitatii de constructii I	2	0	1	0	0									Nota	78	28	14	36	3.0		DID	DOB
23.00 Desen tehnic	0	0	2	0	0									Nota	104	0	28	76	4.0		DF	DOB
24.00 Hidraulica si constructii hidroedilitare	2	0	2	0	0									Nota	104	28	28	48	4.0		DID	DOB
25.00 Economie si legislatie	1	1	0	0	0									A/R	52	14	14	24	2.0		DC	DOB
26.00 Statica I						3	0	3	0	0				Nota	156	42	42	72	6.0		DID	DOB
27.00 Rezistenta materialelor II						3	0	3	0	0				Nota	156	42	42	72	6.0		DID	DOB
28.00 Termotehnica constructiilor						1	1	0	0	0				Nota	52	14	14	24	2.0		DID	DOB
29.00 Geotehnica						2	0	2	0	0				Nota	104	28	28	48	4.0		DID	DOB
30.00 Beton armat si precomprimat I						3	0	2	0	0				Nota	130	42	28	60	5.0		DID	DOB
31.00 Desen tehnic si infografica						0	0	3	0	0				Nota	78	0	42	36	3.0		DF	DOB
32.00 Practica topografica (3 sapt)						0	0	0	0	30				Nota	104	0	90	14	4.0		DID	DOB
TOTAL AN	13	1	13	0	0	12	1	13	0	30	sem1	4	3	1	1560	350	482	728	30.0	30.0		
				27.00					26.00		sem2	4	3	0								
203.00 Pedagogie II (Teoria si metodologia instruirii, Teoria si metodologia evaluarii)	2	2	0	0	0									Nota	130	28	28	74	5.0		DF	FAC
102.00 Scrierea si expresia academica						2	2	0	0	0				Nota	78	28	28	22	3.0		DC	FAC
103.00 Statistica si probabilitate in calculul constructiilor						2	0	1	0	0				Nota	52	28	14	10	2.0		DC	FAC
205.00 Didactica specialitatii tehnice						2	2	0	0	0				Nota	130	28	28	74	5.0		DF	FAC
TOTAL AN	2	2	0	0	0	6	4	1	0	0	sem1	1	0	0	390	112	98	180	5.0	10.0		
				4.00					11.00		sem2	1	2	0								

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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 Drumuri I	2	0	0	2	0						Nota				130	28	28	74	5.0		DS	DOB
34.00 Statica II	3	0	2	0	0						Nota				130	42	28	60	5.0		DID	DOB
35.00 Beton armat si precomprimat II	2	0	0	2	0						Nota				130	28	28	74	5.0		DID	DOB
36.00 Teoria elasticitatii si plasticitatii	1	0	1	0	0						Nota				52	14	14	24	2.0		DID	DOB
37.00 Fundatii	2	0	2	0	0						Nota				104	28	28	48	4.0		DID	DOB
39.00 Managementul si conducerea activitatii de constructii II	2	0	1	0	0						Nota				52	28	14	10	2.0		DID	DOB
40.00 Tehnologia constructiilor I	2	0	1	0	0						Nota				78	28	14	36	3.0		DS	DOB
41.00 Bazele proiectarii podurilor	2	0	1	0	0						Nota				104	28	14	62	4.0		DS	DOB
41.00 Drumuri II						3	0	0	3	0	Nota				130	42	42	46	5.0		DS	DOB
42.00 Cai ferate I						2	0	0	2	0	Nota				104	28	28	48	4.0		DS	DOB
43.00 Poduri de beton I						2	0	0	2	0	Nota				104	28	28	48	4.0		DS	DOB
44.00 Poduri metalice I						3	0	2	0	0	Nota				104	42	28	34	4.0		DS	DOB
45.00 Dinamica si stabilitate						2	0	1	0	0	Nota				78	28	14	36	3.0		DID	DOB
46.00 Proiectare asistata de calculator						1	0	2	0	0	Nota				104	14	28	62	4.0		DID	DOB
47.00 Tehnologia constructiilor II						1	0	1	0	0	Nota				52	14	14	24	2.0		DS	DOB
48.00 Practica ~ CFDP (3 sapt)						0	0	0	0	30	A/R				104	0	90	14	4.0		DID	DOB
TOTAL AN	16	0	8	4	0	14	0	6	7	30	sem1 4 4 0 sem2 5 2 1			1560	420	440	700	30.0	30.0			

101.00 Limba straina III	1	0	2	0	0						Nota				52	14	28	10	2.0		DC	FAC
102.00 Incercarea constructiilor	1	0	2	0	0						Nota				78	14	28	36	3.0		DS	FAC
203.00 Didactica specialitatii tehnice	2	2	0	0	0						Nota				130	28	28	74	5.0		DF	FAC
207.00 Practica pedagogica I	0	0	0	0	3						Nota				78	0	42	36	3.0		DF	FAC
103.00 Pachete software performante pentru proiectarea infrastructurilor						1	0	2	0	0	Nota				78	14	28	36	3.0		DS	FAC
104.00 Creatia tehnica in constructii						2	0	1	0	0	Nota				78	28	14	36	3.0		DC	FAC
205.00 Instruire asistata de calculator						1	1	0	0	0	Nota				52	14	14	24	2.0		DF	FAC
208.00 Practica pedagogica II (12 sapt)						0	0	0	0	3	Nota				52	0	36	16	2.0		DF	FAC

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FACULTATE FACULTATEA DE CONSTRUCTII

DOMENIU INGINERIE CIVILA

SPECIALIZARE CAI FERATE, DRUMURI SI PODURI

Nivel de studii LICENTA

PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR

2015-2016

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TOTAL AN	4	2	4	0	3	4	1	3	0	3	sem1	1	3	0	598	112	218	268	13.0	10.0	
			10.00					8.00			sem2	1	3	0							

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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		Total	C	Apl	St. ind	1	2	cat	tip		
		C	S	L	P	PR		C	S	L	P									PR	E
49.00	Drumuri III	2	0	0	2	0		Nota	128	28	28	72	5.0		DS	DOB					
50.00	Cai ferate II	2	0	0	2	0		Nota	128	28	28	72	5.0		DS	DOB					
51.00	Poduri de beton II	2	0	0	2	0		Nota	128	28	28	72	5.0		DS	DOB					
52.00	Poduri metalice II	3	0	0	3	0		Nota	154	42	42	70	6.0		DS	DOB					
53.00	Curs general de constructii	2	0	1	0	0		Nota	78	28	14	36	3.0		DS	DOB					
54.00	Tuneluri si metropolitane	2	0	1	0	0		Nota	78	28	14	36	3.0		DS	DOB					
55.00	Inginerie seismica	1	0	1	0	0		Nota	78	14	14	50	3.0		DID	DOB					
56.10	Intretinerea si reabilitarea drumurilor						2	0	1	0	0			4.0	DS	DOP					
56.20	Intretinerea si reabilitarea strazilor						2	0	1	0	0			4.0	DS	DOP					
57.10	Intretinerea si reabilitarea podurilor din beton						2	0	1	0	0			4.0	DS	DOP					
57.20	Intretinerea si reabilitarea podurilor metalice						2	0	1	0	0			4.0	DS	DOP					
58.10	Probleme speciale de poduri metalice						2	0	0	0	0			4.0	DS	DOP					
58.20	Structuri compuse otel-beton						2	0	0	0	0			4.0	DS	DOP					
59.10	Ingineria traficului						2	0	1	0	0			4.0	DS	DOP					
59.20	Probleme speciale de fundatii						2	0	1	0	0			4.0	DS	DOP					
60.10	Intretinerea si reabilitarea cailor ferate						2	0	1	0	0			4.0	DS	DOP					
60.20	Suprastructuri pentru viteze mari de cale ferata						2	0	1	0	0			4.0	DS	DOP					
61.10	Tehnologii speciale pentru lucrari de arta						2	0	1	0	0			3.0	DS	DOP					
61.20	Mobilitate si forma urbana						2	0	1	0	0			3.0	DS	DOP					
62.00	Activitate de cercetare - proiectare						0	0	0	8	0			5.0	DS	DOB					
63.00	Practica pentru elaborarea proiectului de diploma (2 sapt)						0	0	0	0	30			2.0	DS	DOB					
64.00	Sustinere lucrare de diploma						0	0	0	0	0			10.0	DS	DOB					
TOTAL AN		14	0	3	9	0	12	0	5	8	30	sem1 sem2	4 4	3 4	0 0	1560	364 410	786	30.0 + 10		

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105.00 Limba engleza IV	1	0	2	0	0				Nota	52	14	28	10	2.0	DC	FAC					
209.00 Managementul clasei de elevi	1	1	0	0	0				Nota	78	14	14	50	3.0	DF	FAC					
106.00 Tehnici speciale de monitorizare a podurilor						2	0	1	0	0				3.0	DS	FAC					
210.00 Examen absolvire nivel I						0	0	0	0	0				5.0	DF	FAC					
TOTAL AN	2	1	2	0	0	2	0	1	0	0	sem1	1	1	0							
				5.00					3.00		sem2	0	1	0	208	56	56	96	5.0	3.0	+ 5

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PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR 2015-2016

	C	S	L	P	PR	Credite	Examene	Colocvii si verificari	Total evaluari	Nr.examene/tot.evaluari
Anul I	350	168	196	0	0	60	9	8	17	53 %
Anul II	350	28	364	0	90	60	8	7	15	53 %
Anul III	420	0	196	154	90	60	9	7	16	56 %
Anul IV	364	0	112	238	60	60	8	7	15	53 %
TOTAL	1484	196	868	392	240	240	34	29	63	54 %

NUMAR ORE TOTAL	3180	DIN CARE	240.00	ORE PRACTICA
TOTAL ORE CURS, SEMINAR, LAB., PROIECT	2940			
TOTAL ORE DISCIPLINE FUNDAMENTALE - TIP DF	574	18 %	din tot.activ.didactice oblig	min. 17%
NR.DISC.FUNDAMENTALE/NR.TOT.DISCIPLINE	19	%		
TOTAL ORE DISCIPLINE IN DOMENIU - TIP DID	1286	40 %	din tot.activ.didactice oblig	min. 38%
NR.DISC.IN DOMENIU/NR.TOT.DISCIPLINE	37	%		
TOTAL ORE DISCIPLINE DE SPECIALITATE - TIP DS	1208	38 %	din tot.activ.didactice oblig	min. 25%
NR.DISC.DE SPECIALITATE/NR.TOT.DISCIPLINE	37	%		
TOTAL ORE DISCIPLINE COMPLEMENTARE - TIP DC	112	4 %	din tot.activ.didactice oblig	max 8%
NR.DISC.COMPLEMENTARE/NR.TOT.DISCIPLINE	8	%		
TOTAL ORE DISCIPLINE OPTIONALE - CAT OP	238	7 %	din tot.activ.didactice oblig	min. 10%
TOTAL ORE DISCIPLINE FACULTATIVE - CAT F	764	24 %	din tot.activ.didactice oblig	min. 10%
TOTAL ORE CURS	1484			
TOTAL ORE ACTIVITATI APLICATIVE calc. cu 240 ore practica	1696			
RAPORT CURS / ACTIVITATI PRACTICE calc. cu 240 ore practica	0.88	1 +/- 0.2		
TOTAL ORE DE PREGATIRE INDIVIDUALA	3060			

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