

PLAN DE INVATAMANT Anul I

Nr. crt.	DISCIPLINA		Ore pe saptamana				PC	Forma de eval.
	Denumire	Cod	C	S	L	P		
SEMESTRUL I								
Discipline obligatorii (O)								
1	Matematici 1	UPB.06.F.01.O.001	2	2	0	0	4	E
2	Mecanică 1	UPB.06.D.01.O.002	2	1	0	0	4	E
3	Chimie	UPB.06.F.01.O.003	2	0	1	0	4	E
4	Programarea calculatoarelor 1	UPB.06.F.01.O.004	1	0	2	0	4	V
5	Stiinta materialelor, tratamente termice si termochimice	UPB.06.D.01.O.005	2	0	1	0	4	E
6	Desen tehnic 1	UPB.06.F.01.O.006	1	0	2	0	4	V
7	Sisteme, tehnologii, atitudini, rezultate	UPB.06.C.01.O.007	2	1	0	0	4	E
8	A1.1	UPB.06.C.01.O.008						
Total discipline obligatorii (O)			12	4	6	0	28	
Discipline optionale (A)								
A1.1	Limba moderna 1 - Engleză	UPB.06.C.01.A.008	0	2	0	0	2	V
	Limba moderna 1 - Franceză							
Total discipline optionale (A)			0	2	0	0	2	
Total discipline obligatorii si optionale (O + A)			12	6	6	0	30	
TOTAL ORE PE SAPTAMANA			24					
Discipline liber alese (L)								
L1.1	Psihologia educatiei	UPB.06.C.01.L.009	2	2	0	0	5	E
L1.2	Educatie fizica 1*	UPB.06.C.01.L.010	0	1	0	0	2	V
Total discipline liber alese (L)			2	3	0	0	7	
SEMESTRUL II								
Discipline obligatorii (O)								
1	Matematici 2	UPB.06.F.02.O.001	2	2	0	0	4	E
2	Fizica 1	UPB.06.F.02.O.002	2	0	1	0	3	E
3	Tehnologia materialelor 1	UPB.06.D.02.O.003	2	0	2	0	4	E
4	Mecanica 2	UPB.06.D.02.O.004	2	1	0	0	4	E
5	Programarea calculatoarelor 2	UPB.06.F.02.O.005	1	0	2	0	3	V
6	Rezistența materialelor 1	UPB.06.D.02.O.006	2	2	0	0	4	E
7	Desen tehnic 2	UPB.06.F.02.O.007	1	0	2	0	3	V
8	Grafica asistata de calculator	UPB.06.F.02.O.008	1	0	2	0	3	V
9	A1.2	UPB.06.C.02.O.009						
Total discipline obligatorii (O)			13	5	9	0	28	
Discipline optionale (A)								
A1.2	Limba moderna 2 - Engleză	UPB.06.C.02.A.009	0	2	0	0	2	V
	Limba moderna 2 - Franceză							
Total discipline optionale (A)			0	2	0	0	2	
Total discipline obligatorii si optionale			13	7	9	0	30	
TOTAL ORE PE SAPTAMANA			29					
Discipline liber alese (L)								
L1.4	Pedagogie 1	UPB.06.C.02.L.010	2	2	0	0	5	E
L1.5	Educatie fizica 2*	UPB.06.C.02.L.011	0	1	0	0	2	V
L1.6	Practica generala (300 ore / 10 sapt)	UPB.06.C.02.L.012					6	V
L1.7	Voluntariat 1 (14 sapt x 5 ore/sapt = 70 ore)	UPB.06.C.02.L.013					3	V
Total discipline liber alese (L)			2	3	0	0	16	

* Se vor efectua obligatoriu minimum două semestre de Educatie fizica pe toata durata ciclului de licenta

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Director de departament,
 Prof. univ. dr. ing. T. SAVU

RECTOR,
 Mihnea COSTOIU

PLAN DE INVATAMANT Anul II

Nr. crt.	DISCIPLINA		Ore pe saptamana				PC	Forma de eval.
	Denumire	Cod	C	S	L	P		
SEMESTRUL I								
Discipline obligatorii (O)								
1	Matematici 3	UPB.06.F.03.O.001	2	1	0	0	4	E
2	Rezistența materialelor 2	UPB.06.D.03.O.002	2	2	1	0	5	E
3	Organe de mașini 1	UPB.06.D.03.O.003	2	0	1	1	4	E
4	Tehnologia materialelor 2	UPB.06.D.03.O.004	2	0	2	0	4	E
5	Fizica 2	UPB.06.F.03.O.005	2	0	1	0	4	E
6	Desen tehnic 3	UPB.06.F.03.O.006	1	0	1	0	3	V
7	Toleranțe geometrice	UPB.06.D.03.O.007	2	2	0	0	4	E
8	Economie	UPB.06.C.03.O.008	1	1	0	0	2	V
Total discipline obligatorii (O)			14	6	6	1	30	
Discipline optionale (A)								
Total discipline optionale (A)			0	0	0	0	0	
Total discipline obligatorii si optionale (O + A)			14	6	6	1	30	
TOTAL ORE PE SAPTAMANA			27					
Discipline liber alese (L)								
L2.1	Pedagogie 2	UPB.06.C.03.L.009	2	2	0	0	5	E
L2.2	Limba moderna 3 - Engleză	UPB.06.C.03.L.010	0	2	0	0	2	V
L2.3	Limba moderna 3 - Franceză	UPB.06.C.03.L.011	0	2	0	0	2	V
L2.4	Limba moderna 3 - Rusă	UPB.06.C.03.L.012	0	2	0	0	2	V
L2.5	Educație fizică 3	UPB.06.C.03.L.013	0	1	0	0	2	V
Total discipline liber alese (L)			2	9	0	0	13	
SEMESTRUL II								
Discipline obligatorii (O)								
1	Calcul numeric in inginerie	UPB.06.F.04.O.001	2	1	0	0	3	E
2	Mecanisme	UPB.06.D.04.O.002	2	0	1	1	3	E
3	Proiectare asistata de calculator 1	UPB.06.D.04.O.003	1	0	2	0	3	E
4	Organe de mașini 2	UPB.06.D.04.O.004	2	0	1	1	4	E
5	Baze de date in inginerie industrială	UPB.06.D.04.O.005	1	0	2	0	3	V
6	Inspectia preciziei geometrice	UPB.06.D.04.O.006	2	0	2	0	4	E
7	Managementul proiectelor industriale	UPB.06.D.04.O.007	1	0	0	1	3	V
8	Electrotehnica	UPB.06.D.04.O.008	1	0	1	0	2	V
9	Practica 1 (60 de ore/ 2 sapt)	UPB.06.D.04.O.009					2	V
10	A2.1	UPB.06.D.04.O.010						
Total discipline obligatorii (O)			12	1	9	3	27	
Discipline optionale (A)								
A2.1	Elemente de Electronica si Mecatronica	UPB.06.D.04.A.010	2	0	1	0	3	V
	Protectia mediului in activitatea industrială							
	Mecanica fluidelor si masini hidraulice							
Total discipline optionale (A)			2	0	1	0	3	
Total discipline obligatorii si optionale (O + A)			14	1	10	3	30	
TOTAL ORE PE SAPTAMANA			28					
Discipline liber alese (L)								
L2.6	Didactica specialitatii	UPB.06.C.04.L.011	2	2	0	0	5	E
L2.7	Limba moderna 4 - Engleză	UPB.06.C.04.L.012	0	2	0	0	2	V
L2.8	Limba moderna 4 - Franceză	UPB.06.C.04.L.013	0	2	0	0	2	V
L2.9	Limba moderna 4 - Rusă	UPB.06.C.04.L.014	0	2	0	0	2	V
L2.10	Educație fizică 4	UPB.06.C.04.L.015	0	1	0	0	2	V
L2.11	Practica industrială (240 ore / 8 sapt)	UPB.06.C.04.L.016					4	V
L2.12	Voluntariat 2 (14 sapt x 5 ore/sapt = 70 ore)	UPB.06.C.04.L.017					3	V
Total discipline liber alese (L)			2	9	0	0	20	

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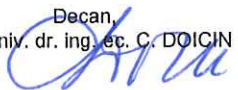
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PLAN DE INVATAMANT Anul III

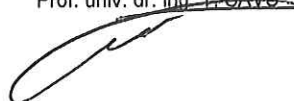
Nr. crt.	DISCIPLINA		Ore pe saptamana				PC	Forma de eval.
	Denumire	Cod	C	S	L	P		
SEMESTRUL I								
Discipline obligatorii (O)								
1	Bazele generarii suprafetelor si prelucrari prin aschiere	UPB.06.D.05.O.001	2	0	2	0	3	E
2	Procese de deformare plastica la rece	UPB.06.S.05.O.002	2	0	1	0	3	E
3	Tehnologia fabricarii produselor 1	UPB.06.S.05.O.003	2	0	1	0	4	E
4	Tehnologii Neconventionale	UPB.06.S.05.O.004	2	0	1	0	3	E
5	Masini – unelte 1	UPB.06.D.05.O.005	1	0	1	0	3	V
6	Analiza de reper - proiect	UPB.06.S.05.O.006	0	0	0	2	2	V
7	Proiectare asistata de calculator 2	UPB.06.S.05.O.007	1	0	2	0	3	V
8	Proiectarea produselor	UPB.06.S.05.O.008	2	0	0	1	3	E
9	Inspectia preciziei geometrice	UPB.06.D.05.O.009	2	0	2	0	3	E
10	A3.1	UPB.06.S.05.O.010						
Total discipline obligatorii (O)			14	0	10	3	27	
Discipline optionale (A)								
A3.1	Tehnologii speciale in constructia de masini Ingineria suprafetelor	UPB.06.S.05.A.010	2	0	1	0	3	E
Total discipline optionale (A)			2	0	1	0	3	
Total discipline obligatorii si optionale (O + A)			16	0	11	3	30	
TOTAL ORE PE SAPTAMANA			30					
Discipline liber alese (L)								
L3.1	Instruire asistata de calculator	UPB.06.C.05.L.010	2	2	0	0	2	V
L3.2	Practica pedagogica in invatamantul preuniversitar obligatoriu (1)	UPB.06.C.05.L.011	0	3	0	0	3	V
Total discipline liber alese (L)			2	5	0	0	5	
SEMESTRUL II								
Discipline obligatorii (O)								
1	Tehnologia fabricarii produselor 2	UPB.06.S.06.O.001	2	0	1	0	4	E
2	Tehnologii de deformare plastica la rece	UPB.06.S.06.O.002	3	0	2	0	4	E
3	Scule aschietoare	UPB.06.D.06.O.003	2	0	1	0	2	E
4	Masini – unelte 2	UPB.06.D.06.O.004	2	0	1	0	2	E
5	Proiectare asistata de calculator 3	UPB.06.S.06.O.005	1	0	2	0	3	V
6	Tehnologii de deformare plastica la rece - proiect	UPB.06.S.06.O.006	0	0	0	3	3	V
7	Scule de prelucrare prin aschiere - proiect	UPB.06.D.06.O.007	0	0	0	2	2	V
8	Pregatirea si urmarirea fabricatiei	UPB.06.S.06.O.008	1	0	1	0	2	E
9	Practica 2 (300 de ore / 10 saptamani)	UPB.06.S.06.O.009					6	V
10	A3.2	UPB.06.S.06.O.010						
Total discipline obligatorii (O)			11	0	8	5	28	
Discipline optionale (A)								
A3.2	Proiectare parametrica avansata Tehnologia produselor compozite Tehnologii de fabricare electroerozive	UPB.06.S.06.A.010	1	0	1	0	2	V
Total discipline optionale (A)			1	0	1	0	2	
Total discipline obligatorii si optionale (O + A)			12	0	9	5	30	
TOTAL ORE PE SAPTAMANA			26					
Discipline liber alese (L)								
L3.3	Managementul clasei de elevi	UPB.06.C.06.L.011	2	1	0	0	3	E
L3.4	Practica pedagogica in invatamantul preuniversitar obligatoriu (2)	UPB.06.C.06.L.012	0	3	0	0	2	V
L3.5	Examen de absolvire, nivel I	UPB.06.C.06.L.013	0	0	0	0	5	E
L3.6	Voluntariat 3 (14 sapt x 5 ore/sapt = 70 ore)	UPB.06.C.06.L.014					3	V
Total discipline liber alese (L)			2	4	0	0	13	

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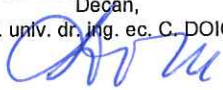
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PLAN DE INVATAMANT Anul IV

Nr. crt.	DISCIPLINA		Ore pe saptamana				PC	Forma de eval.
	Denumire	Cod	C	S	L	P		
SEMESTRUL I								
Discipline obligatorii (O)								
1	Tehnologia fabricarii produselor 3	UPB.06.S.07.O.001	2	0	1	0	4	E
2	Echipamente de fabricare 1	UPB.06.D.07.O.002	2	0	1	1	4	E
3	Tehnologii de injectie in matrite	UPB.06.S.07.O.003	2	0	1	0	3	E
4	Proiectarea produselor	UPB.06.S.07.O.004	2	0	0	1	3	E
5	Tehnologia fabricarii produselor - proiect	UPB.06.S.07.O.005	0	0	0	3	4	V
6	Inginerie asistata de calculator	UPB.06.S.07.O.006	1	0	2	0	3	V
7	Analiza economica	UPB.06.C.07.O.007	2	0	1	0	3	V
8	Calitatea fabricatiei	UPB.06.D.07.O.008	2	0	1	0	3	E
9	A4.1	UPB.06.S.07.O.009						
Total discipline obligatorii (O)			13	0	7	5	27	
Discipline optionale (A)								
A4.1	Tehnologii de asamblare	UPB.06.S.07.A.009	2	0	1	0	3	E
	Programarea masinilor CNC							
	Bazele cercetării experimentale							
Total discipline optionale (A)			2	0	1	0	3	
Total discipline obligatorii si optionale (O + A)			15	0	8	5	30	
TOTAL ORE PE SAPTAMANA			28					
Discipline liber alese (L)								
L4.1	Istoria tehnicii	UPB.06.C.07.L.011	1	1	0	0	2	V
Total discipline liber alese (L)			1	1	0	0	2	
SEMESTRUL II								
Discipline obligatorii (O)								
1	Management industrial	UPB.06.D.08.O.001	2	0	1	0	4	V
2	Echipamente de fabricare 2	UPB.06.D.08.O.002	2	0	1	0	5	V
3	Echipamente de fabricare - Proiect	UPB.06.D.08.O.003	0	0	0	3	4	V
4	A4.3	UPB.06.S.08.O.004						
5	A4.4	UPB.06.S.08.O.005						
6	Elaborarea Proiectului de Diploma	UPB.06.S.08.O.006				8	10	V
Total discipline obligatorii (O)			4	0	2	11	23	
Discipline optionale (A)								
A4.2	Tehnologii si sisteme neconventionale de inspectie	UPB.06.S.08.A.004	2	0	1	0	3	V
	Tehnologia produselor din materiale nemetalice							
A4.3	Fabricare Asistata	UPB.06.S.08.A.005	2	0	2	0	4	V
	Sisteme de Fabricatie Robotizate							
	Tehnologii de Fabricatie Aditiva							
Total discipline optionale (A)			4	0	3	0	7	
Total discipline obligatorii si optionale (O + A)			8	0	5	11	30	
TOTAL ORE PE SAPTAMANA			24					
Discipline liber alese (L)								
L4.2	Practica pentru proiectul de diploma (120 ore / 4 saptamani)	UPB.06.S.08.L.007					4	V
L4.3	Legislatie comerciala europeana	UPB.06.C.08.L.008	0	2	0	0	2	V
L4.4	Voluntariat 4 (14 sapt x 5 ore/sapt = 70 ore)	UPB.06.C.08.L.009					3	V
Total discipline liber alese (L)			0	2	0	0	9	
EXAMEN DE DIPLOMA							10	E

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