

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	V
6	Desen tehnic 1	UPB.06.F.01.O.006	1	0	2	0	4	V
7	Inginerie Industrială	UPB.06.D.01.O.007	2	1	0	0	4	E
8	A11	UPB.06.C.01.O.008						
Total discipline obligatorii (O)			12	4	6	0	28	
Discipline optionale (A)								
A11	Limba Moderna 1 - Engleză	UPB.06.C.01.A.008	0	2	0	0	2	V
	Limba Moderna 1 - Franceză							
	Limba Moderna 1 - Germană							
	Limba Moderna 1 - Rusă							
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)								
1	Psihologia educatiei	UPB.06.C.01.L.010	2	2	0	0	5	E
2	Stiinta informarii si documentarii in cultura digitala	UPB.06.C.01.L.011	1.5	1	0	0	2	V
3	Educatie fizica 1*	UPB.06.C.01.O.012	0	1	0	0	2	V
Total discipline liber alese (L)			3.5	4	0	0	9	
SEMESTRUL al II-lea								
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	4	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	Masini Unelte si Sisteme de Productie	UPB.06.S.02.O.008	2	2	0	0	4	V
Total discipline obligatorii (O)			14	7	7	0	30	
Discipline optionale (A)								
Total discipline optionale (A)			0	0	0	0	0	
Total discipline obligatorii si optionale			14	7	7	0	30	
TOTAL ORE PE SAPTAMANA			28					
Discipline liber alese (L)								
1	Pedagogie 1	UPB.06.C.02.L.010	2	2	0	0	5	E
2	Educatie fizica 2*	UPB.06.C.02.L.011	0	1	0	0	2	V
3	Limba Moderna 2 - Engleză	UPB.06.C.02.L.011	0	2	0	0	2	V
4	Limba Moderna 2 - Franceză	UPB.06.C.02.L.012	0	2	0	0	2	V
5	Limba Moderna 2 - Germană	UPB.06.C.02.L.013	0	2	0	0	2	V
6	Limba Moderna 2 - Rusă	UPB.06.C.02.L.014	0	2	0	0	2	V
Total discipline liber alese (L)			2	11	0	0	15	

* Se vor efectua obligatoriu minimum 2 semestre de Educatie fizica pe toata durata ciclului de licenta

Decan,
 Prof. univ. dr. ing. ec. Cristian DOICIN

Director de departament,
 Prof. univ. dr. ing. Tiberiu DOBRESCU

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	1	1	0	5	E
3	Organe de Mașini	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	3	V
6	Desen Tehnic 3	UPB.06.F.03.O.006	1	0	2	0	3	V
7	Baze de Date	UPB.06.D.03.O.007	1	0	2	0	4	E
8	Economie	UPB.06.C.03.O.008	1	1	0	0	3	V
Total discipline obligatorii (O)			13	3	9	1	30	
Discipline optionale (A)								
Total discipline optionale (A)			0	0	0	0	0	
Total discipline obligatorii si optionale (O + A)			13	3	9	1	30	
TOTAL ORE PE SAPTAMANA			26					
Discipline liber alese (L)								
1	Pedagogie 2	UPB.06.C.03.L.010	2	2	0	0	5	E
2	Educatie fizica 3	UPB.06.C.03.L.011	0	1	0	0	2	V
3	Limba Moderna 3 - Engleză	UPB.06.C.03.L.012	0	2	0	0	2	V
4	Limba Moderna 3 - Franceză	UPB.06.C.03.L.013	0	2	0	0	2	V
5	Limba Moderna 3 - Germană	UPB.06.C.03.L.014	0	2	0	0	2	V
6	Limba Moderna 3 - Rusă	UPB.06.C.03.L.015	0	2	0	0	2	V
Total discipline liber alese (L)			2	11	0	0	15	
SEMESTRUL II								
Discipline obligatorii (O)								
1	Matematici 4	UPB.06.F.04.O.001	2	1	0	0	3	E
2	Mecanisme	UPB.06.D.04.O.002	2	0	1	0	3	E
3	Proiectare asistata de calculator 1	UPB.06.D.04.O.003	2	0	2	0	3	E
4	Componente mecanice tipizate	UPB.06.D.04.O.004	2	0	1	1	4	E
5	Toleranțe	UPB.06.D.04.O.005	2	0	1	0	4	E
6	Bazele generarii suprafetelor pe masini-unelte	UPB.06.D.04.O.006	2	0	1	0	3	E
7	Management de proiect	UPB.06.D.04.O.007	1	0	2	0	3	V
8	Prelucrari prin aschiere	UPB.06.D.04.O.008	2	0	1	0	3	V
9	Practică 1 (2 sapt. X 30h/sapt.=60ore)	UPB.06.D.04.O.009					2	V
10	A22	UPB.06.D.04.A.010						
Total discipline obligatorii (O)			15	1	9	1	28	
Discipline optionale (A)								
A22	Electrotehnică Mecanica fluidelor	UPB.06.D.04.A.010	2	0	1	0	2	V
Total discipline optionale (A)			2	0	1	0	2	
Total discipline obligatorii si optionale (O + A)			17	1	10	1	30	
TOTAL ORE PE SAPTAMANA			29					
Discipline liber alese (L)								
1	Didactica specialitatii	UPB.06.C.04.L.011	2	2	0	0	5	E
2	Educatie fizica 4	UPB.06.C.04.L.012	0	1	0	0	2	V
3	Limba Moderna 4 - Engleză	UPB.06.C.04.L.013	0	2	0	0	2	V
4	Limba Moderna 4 - Franceză	UPB.06.C.04.L.014	0	2	0	0	2	V
5	Limba Moderna 4 - Germană	UPB.06.C.04.L.015	0	2	0	0	2	V
6	Limba Moderna 4 - Rusă	UPB.06.C.04.L.016	0	2	0	0	2	V
Total discipline liber alese (L)			2	11	0	0	15	

Decan,
 Prof. univ. dr. ing. ec. Cristian DOICIN

Director de departament,
 Prof. univ. dr. ing. Tiberiu DOBRESCU

RECTOR,
 Mihnea COSTOIU

PLAN DE INVATAMANT Anul III

Nr. crt.	DISCIPLINA		Ore pe saptamana				PC	Forma de eval.
	Denumire	Cod	C	S	L	P		
Discipline obligatorii (O)								
1	Proiectarea asistata de calculator 2	UPB.06.D.05.O.001	2	0	2	0	4	V
2	Constructia masinilor-unelte	UPB.06.S.05.O.002	2	0	2	0	5	E
3	Scule aschietoare	UPB.06.S.05.O.003	2	0	1	1	4	V
4	Masini pentru prelucrari prin deformare 1	UPB.06.S.05.O.004	2	0	2	0	4	E
5	Hidraulica masinilor-unelte si sistemelor de productie 1	UPB.06.S.05.O.005	2	0	2	0	4	E
6	Proiectarea masinilor-unelte si sistemelor de productie	UPB.06.S.05.O.006	2	0	0	2	5	E
7	A31	UPB.06.S.05.A.007						
Total discipline obligatorii (O)			12	0	9	3	26	
Discipline optionale (A)								
A31	Managementul fluxurilor materiale	UPB.06.S.05.A.007	2	0	0	2	4	V
	Componente tipizate ale sistemelor de productie							
Total discipline optionale (A)			2	0	0	2	4	
Total discipline obligatorii si optionale (O + A)			14	0	9	5	30	
TOTAL ORE PE SAPTAMANA			28					
Discipline liber alese (L)								
1	Inventica	UPB.06.C.05.L.008	2	0	2	0	2	V
2	Instruire asistata de calculator	UPB.06.C.05.L.009	1	1	0	0	2	V
3	Practica pedagogica in invatamantul preuniversitar obligatoriu (1)	UPB.06.C.05.L.010	0	3	0	0	3	V
4	Limba Moderna 5 - Engleză	UPB.06.C.05.L.011	0	2	0	0	2	V
5	Limba Moderna 5 - Franceză	UPB.06.C.05.L.012	0	2	0	0	2	V
6	Limba Moderna 5 - Germană	UPB.06.C.05.L.013	0	2	0	0	2	V
7	Limba Moderna 5 - Rusă	UPB.06.C.05.L.014	0	2	0	0	2	V
Total discipline liber alese (L)			3	12	2	0	15	
Discipline obligatorii (O)								
1	Proiectarea asistata de calculator 3	UPB.06.D.06.O.001	2	0	1	0	3	V
2	Management industrial	UPB.06.D.06.O.002	2	0	0	1	3	E
3	Precizia masinilor-unelte	UPB.06.S.06.O.003	2	0	2	0	3	E
4	Masini pentru prelucrari prin deformare 2	UPB.06.S.06.O.004	2	0	2	0	3	V
5	Hidraulica masinilor-unelte si sistemelor de productie 2	UPB.06.S.06.O.005	2	0	1	1	3	E
6	Actionari electrice	UPB.06.S.06.O.006	2	0	2	0	3	V
7	Practica 2 (10sapt.x30ore/sapt=300ore)	UPB.06.S.06.O.007					6	V
8	A32	UPB.06.S.06.O.008						
9	A33	UPB.06.S.06.A.009						
Total discipline obligatorii (O)			12	0	8	2	24	
Discipline optionale (A)								
A32	Antreprenariat	UPB.06.S.06.A.008	2	0	2	0	4	V
	Simularea activitatilor cu operatori umani							
A33	Masini si utilaje speciale	UPB.06.S.06.A.009	1	0	1	0	2	V
	Masini de danturat							
Total discipline optionale (A)			3	0	3	0	6	
Total discipline obligatorii si optionale			15	0	11	2	30	
TOTAL ORE PE SAPTAMANA			28					
Discipline liber alese (L)								
1	Bazele cercetarii experimentale	UPB.06.C.06.L.010	2	0	2	0	2	V
2	Managementul clasei de elevi	UPB.06.C.06.L.011	1	1	0	0	3	E
3	Practica pedagogica in invatamantul preuniversitar obligatoriu (2)	UPB.06.C.06.L.012	0	3	0	0	2	V
4	Examen absolvire, Nivel I	UPB.06.C.06.L.013	0	0	0	0	5	E
5	Limba Moderna 6 - Engleză	UPB.06.C.06.L.012	0	2	0	0	2	V
6	Limba Moderna 6 - Franceză	UPB.06.C.06.L.013	0	2	0	0	2	V
7	Limba Moderna 6 - Germană	UPB.06.C.06.L.014	0	2	0	0	2	V
8	Limba Moderna 6 - Rusă	UPB.06.C.06.L.015	0	2	0	0	2	V
Total discipline liber alese (L)			3	12	2	0	20	

Decan,

Prof. univ. dr. ing. ec. Cristian DOICIN

Director de departament,

Prof. univ. dr. ing. Tiberiu DOBRESCU

RECTOR,
Mihnea COSTOIU

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	Comanda numerica a masinilor-unelte	UPB.06.S.07.O.001	2	0	1	1	5	E
2	Mentenanata masinilor-unelte si sistemelor de productie	UPB.06.S.07.O.002	2	0	2	0	4	E
3	Dinamica masinilor-unelte	UPB.06.S.07.O.003	2	0	2	0	4	E
4	Marketing industrial	UPB.06.D.07.O.004	2	2	0	0	4	V
5	Ingineria asistata de calculator 1	UPB.06.D.07.O.005	2	0	2	0	4	E
6	Automatizarea masinilor-unelte si sistemelor de productie	UPB.06.S.07.O.006	2	0	1	1	5	E
7	A41	UPB.06.S.07.A.007						
Total discipline obligatorii (O)			12	2	8	2	26	
Discipline optionale (A)								
A41	Managementul cercetarii dezvoltarii si inovarii	UPB.06.S.07.A.007	2	0	2	0	4	V
	Managementul financiar							
Total discipline optionale (A)			2	0	2	0	4	
Total discipline obligatorii si optionale (O + A)			14	2	10	2	30	
TOTAL ORE PE SAPTAMANA			28					
Discipline liber alese (L)								
1	Exploatarea masinilor-unelte	UPB.06.C.07.L.008	2	0	2	0	2	V
2	Limba Moderna 7 - Engleză	UPB.06.C.07.L.009	0	2	0	0	2	V
3	Limba Moderna 7 - Franceză	UPB.06.C.07.L.010	0	2	0	0	2	V
4	Limba Moderna 7 - Germană	UPB.06.C.07.L.011	0	2	0	0	2	V
5	Limba Moderna 7 - Rusă	UPB.06.C.07.L.012	0	2	0	0	2	V
Total discipline liber alese (L)			2	8	2	0	10	
SEMESTRUL al II-lea								
Discipline obligatorii (O)								
1	Tehnologia fabricarii masinilor-unelte	UPB.06.S.08.O.001	2	0	1	1	5	V
2	Instalatii conexe pentru masini-unelte si sisteme de productie	UPB.06.S.08.O.002	2	0	1	1	5	V
3	Asigurarea calitatii	UPB.06.D.08.O.003	2	0	2	0	3	V
4	Fabricatie asistata	UPB.06.D.08.O.004	2	0	2	0	3	V
5	Pregatire proiect de diploma (3sapt.x40ore/sapt.=120ore)	UPB.06.S.06.O.005	0	0	0	8	10	V
6	A42	UPB.06.S.08.A.006						
Total discipline obligatorii (O)			8	0	6	10	26	
Discipline optionale (A)								
A42	Sisteme de fabricatie robotizate	UPB.06.S.08.A.006	2	0	0	2	4	V
	Ingineria si analiza valorii							
Total discipline optionale (A)			2	0	0	2	4	
Total discipline obligatorii si optionale			10	0	6	12	30	
TOTAL ORE PE SAPTAMANA			28					
Discipline liber alese (L)								
1	Prototipare virtuala 4 (NX Simens PLM)	UPB.06.S.08.L.008	1	0	1	0	2	V
2	Practica 3 (4sapt.x30ore/sapt=120ore)	UPB.06.S.08.L.009					4	V
3	Management de proiect / Project Management	UPB.06.S.08.L.010	2	0	0	0	2	V
4	Comunicare profesionala / Professional Communication	UPB.06.C.08.L.011	2	0	0	0	2	V
5	Engleza si introducere in limba romana / English language and introduction to romanian language	UPB.06.C.08.L.012	2	0	0	0	2	V
6	Realitate virtuala si realitate augmentata / Virtual and Augmented reality	UPB.06.S.08.L.013	2	0	0	0	2	V
7	Baze de date / Databases	UPB.06.S.08.L.014	2	0	0	0	2	V
8	Proiect interdisciplinar / Interdisciplinary project	UPB.06.S.08.L.015	0	0	0	19	20	V
9	Limba Moderna 8 - Engleză	UPB.06.C.08.L.016	0	2	0	0	2	V
10	Limba Moderna 8 - Franceză	UPB.06.C.08.L.017	0	2	0	0	2	V
11	Limba Moderna 8 - Germană	UPB.06.C.08.L.018	0	2	0	0	2	V
12	Limba Moderna 8 - Rusă	UPB.06.C.08.L.019	0	2	0	0	2	V
Total discipline liber alese (L)			11	8	1	19	44	

Decan,
 Prof. univ. dr. ing. ec. Cristian DOICIN

Director de departament,
 Prof. univ. dr. ing. Tiberiu DOBRESCU

RECTOR,
 Mihnea COSTOIU