

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	Studiul 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.A.008						
Total discipline obligatorii (O)			12	4	6	0	28	
Discipline optionale (A)								
A11	Limba Moderna 1 - Engleză	UPB.06.C.01.A.009	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	Logistica Industrială	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.009	2	2	0	0	5	E
2	Educatie fizica 2*	UPB.06.C.02.L.010	0	1	0	0	2	V
3	Voluntariat 1 (14 sapt. X 5h/sapt.=70ore)	UPB.06.C.02.L.011	0	0	0	0	3	V
4	Limba Moderna 2 - Engleză	UPB.06.C.02.L.012	0	2	0	0	2	V
5	Limba Moderna 2 - Franceză	UPB.06.C.02.L.013	0	2	0	0	2	V
6	Limba Moderna 2 - Germană	UPB.06.C.02.L.014	0	2	0	0	2	V
7	Limba Moderna 2 - Rusă	UPB.06.C.02.L.015	0	2	0	0	2	V
Total discipline liber alese (L)			2	11	0	0	18	

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

Decan,
Cristian DOICIN

RECTOR,
Mihnea COSTOIU

Director de departament,
Tiberiu DOBRESCU

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.F.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	Informatica aplicata - Programare Orientata pe Obiecte	UPB.06.F.04.O.006	2	0	1	0	4	E	
7	Management de proiect	UPB.06.D.04.O.007	1	0	2	0	3	V	
8	Asigurarea calitatii	UPB.06.D.04.O.008	1	0	1	0	2	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)			14	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)			16	1	10	1	30		
TOTAL ORE PE SAPTAMANA			28						
Discipline liber alese (L)									
1	Didactica specialitatii	UPB.06.C.04.L.010	2	2	0	0	5	E	
2	Educatie fizica 4	UPB.06.C.04.L.011	0	1	0	0	2	V	
3	Voluntariat 2 (14 sapt. X 5h/sapt.=70ore)	UPB.06.C.04.L.011	0	0	0	0	3	V	
4	Limba Moderna 4 - Engleză	UPB.06.C.04.L.012	0	2	0	0	2	V	
5	Limba Moderna 4 - Franceză	UPB.06.C.04.L.013	0	2	0	0	2	V	
6	Limba Moderna 4 - Germană	UPB.06.C.04.L.014	0	2	0	0	2	V	
7	Limba Moderna 4 - Rusă	UPB.06.C.04.L.015	0	2	0	0	2	V	
Total discipline liber alese (L)			2	11	0	0	18		

Decan,
Cristian DOICIN

Director de departament,
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		
SEMESTRUL I								
Discipline obligatorii (O)								
1	Proiectare asistata de calculator 2	UPB.06.D.05.O.001	2	0	2	0	4	V
2	Managementul fluxurilor materiale	UPB.06.D.05.O.002	2	0	0	2	4	V
3	Controlul cu automate programabile in logistica	UPB.06.S.05.O.003	2	0	2	0	5	V
4	Bazele logisticii moderne	UPB.06.S.05.O.004	2	0	2	0	5	E
5	Identificarea in logistica	UPB.06.S.05.O.005	2	0	2	0	5	E
6	A31	UPB.06.S.05.A.006						
7	A32	UPB.06.S.05.A.007						
Total discipline obligatorii (O)			10	0	8	2	23	
Discipline optionale (A)								
A31	Elemente de drept comercial		2	2	0	0	3	V
	Managementul si securitatea sistemelor software in logisitca							
A32	Actionari pneumatice		2	0	1	1	4	E
	Actionari Hidraulice							
Total discipline obligatorii si optionale (O + A)			14	2	9	3	30	
TOTAL ORE PE SAPTAMANA			28					
Discipline liber alese (L)								
1	Prototipare virtuala 1 (NX Simens PLM)	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
Total discipline liber alese (L)			3	4	2	0	7	
SEMESTRUL al II-lea								
Discipline obligatorii (O)								
1	Proiectare 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	Sisteme de impachetare	UPB.06.S.06.O.003	2	0	0	2	3	E
4	Bazele sistemelor automatizate in logistica	UPB.06.S.06.O.004	2	0	2	0	3	E
5	Senzori industriali	UPB.06.D.06.O.005	2	0	2	0	3	E
6	Planificarea resurselor firmei	UPB.06.S.06.O.006	2	0	1	0	3	V
7	Practica 2 (10sapt.x30ore/sapt=300ore)	UPB.06.S.06.O.007					6	V
8	A33	UPB.06.S.06.O.008						
9	A34	UPB.06.S.06.A.009						
Total discipline obligatorii (O)			12	0	6	3	24	
Discipline optionale (A)								
A33	Elemente de electronica si mediu de programare pentru fluxuri		2	0	2	0	3	V
	Electronica aplicata							
A34	Managementul comunicarii si negocierii in afaceri		2	1	0	0	3	V
	Managementul costurilor in logistica inversa multipolara							
Total discipline optionale (A)			4	1	2	0	6	
Total discipline obligatorii si optionale			16	1	8	3	30	
TOTAL ORE PE SAPTAMANA			28					
Discipline liber alese (L)								
1	Prototipare virtuala 2 (NX Simens PLM)	UPB.06.S.06.L.010	2	0	2	0	2	V
2	Voluntariat 3 (14 sapt. X 5h/sapt.=70ore)	UPB.06.C.06.L.011	0	0	0	0	3	V
3	Managementul clasei de elevi	UPB.06.C.06.L.012	1	1	0	0	3	E
4	Practica pedagogica in invatamantul preuniversitar obligatoriu (2)	UPB.06.C.06.L.013	0	3	0	0	2	V
5	Examen absolvire, nivel I	UPB.06.C.06.L.014	0	0	0	0	5	V
Total discipline liber alese (L)			3	4	2	0	15	

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Director de departament,
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RECTOR,
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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	Implementarea robotilor in sisteme de productie	UPB.06.S.07.O.001	2	0	1	1	5	E
2	Sisteme de alimentare, transport, transfer	UPB.06.S.07.O.002	2	0	1	1	5	E
3	Managementul alocarii resurselor	UPB.06.S.07.O.003	2	1	0	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	A41	UPB.06.S.07.A.006						
7	A42	UPB.06.S.07.A.007						
Total discipline obligatorii (O)			10	3	4	2	22	
Discipline optionale (A)								
A41	Operationalitatea si managementul centrelor de distributie	UPB.06.S.07.A.006	2	0	2	0	4	E
	Managementul activitatilor logistice in echipa							
A42	Mentenanata sistemelor logistice	UPB.06.S.07.A.007	2	0	2	0	4	E
	Fiabilitatea sistemelor logistice							
Total discipline obligatorii si optionale (O + A)			14	3	8	2	30	
TOTAL ORE PE SAPTAMANA			27					
Discipline liber alese (L)								
1	Prototipare virtuala 3 (NX Simens PLM)	UPB.06.C.07.L.008	2	0	2	0	2	V
Total discipline liber alese (L)			2	0	2	0	2	
SEMESTRUL al II-lea								
Discipline obligatorii (O)								
1	Managementul si Proiectarea Sistemelor de Interfatare	UPB.06.S.08.O.001	2	0	2	0	4	V
2	Sisteme de paletizare si infoliere	UPB.06.S.08.O.002	2	0	2	0	4	V
3	Managementul lantului de furnizori/ Supply Chain	UPB.06.S.08.O.003	2	0	1	0	3	V
4	Sisteme de depozitare	UPB.06.S.08.O.004	2	0	1	0	3	V
5	Sisteme flexibile de fabricatie	UPB.06.D.08.O.005	2	0	1	1	3	V
6	Pregatire proiect de diploma (3sapt.x40ore/sapt.=120ore)	UPB.06.S.08.O.006	0	0	0	8	10	V
7	A43	UPB.06.S.08.A.007						
Total discipline obligatorii (O)			10	0	7	9	27	
Discipline optionale (A)								
A43	Modelarea si calculul structurilor logistice prin metoda elementului finit	UPB.06.S.08.A.007	2	0	1	0	3	V
	Calculul structurilor logistice din materiale avansate							
Total discipline optionale (A)			2	0	1	0	3	
Total discipline obligatorii si optionale			12	0	8	9	30	
TOTAL ORE PE SAPTAMANA			29					
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	Voluntariat 4 (14 sapt. X 5h/sapt.=70ore)	UPB.06.C.08.L.010	0	0	0	0	3	V
4	Management de proiect / Project Management	UPB.06.S.08.L.011	2	0	0	0	2	V
5	Comunicare profesionala / Professional Communication	UPB.06.C.08.L.012	2	0	0	0	2	V
6	Engleza si introducerea in limba romana / English language and introduction to romanian language	UPB.06.C.08.L.013	2	0	0	0	2	V
7	Realitate virtuala si realitate augmentata / Virtual and Augmented reality	UPB.06.S.08.L.014	2	0	0	0	2	V
8	Baze de date / Databases	UPB.06.S.08.L.015	2	0	0	0	2	V
9	Proiect interdisciplinar / Interdisciplinary project	UPB.06.S.08.L.016	0	0	0	19	20	V
Total discipline liber alese (L)			11	0	1	19	39	

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Director de departament,
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