

Anul: I

Semestrul: I

Nr. crt.	Disciplina		Ore/saptamana				PC	Forma eval.
	Denumire	Cod	C	S	L	P		
Discipline obligatorii (O)								
1	Analiza matematica I	UPB.05.F.01.O.001	2	2			5	E
2	Algebra liniara si geometrie analitica	UPB.05.F.01.O.002	2	2			5	E
3	Chimie	UPB.05.F.01.O.003	2		1		3	E
4	Materiale si tratamente termice	UPB.05.T.01.O.004	1		1		2	E
5	Fizica I	UPB.05.F.01.O.005	2	1			4	E
6	Geometrie descriptiva si desen tehnic I	UPB.05.F.01.O.006	2		1		4	V
7	Modele de comunicare	UPB.05.E.01.O.007	2				2	V
8	Limba straina I	UPB.05.U.01.O.008		1			1	V
9	Educatie fizica si sport	UPB.05.U.01.O.009			1		1	V
TOTAL discipline obligatorii (O)			13	6	4	0	27	
Discipline optionale (A)								
1	Introducere in informatica	UPB.05.F.01.A.001	1		2		3	V
2	Structuri de date si algoritmi	UPB.05.F.01.A.002						
TOTAL discipline optionale (A)			1	0	2	0	3	
TOTAL discipline obligatorii (O) si optionale (A)			14	6	6	0	30	
TOTAL ore pe saptamana			26					
Discipline liber alese (L)								
1	Educatie fizica si sport I	UPB.05.U.01.L.001			1		1	V
2	Limba straina I	UPB.05.U.01.L.002		1			1	V
3	Istoria culturii si civilizatiei	UPB.05.U.01.L.003	2	1			3	V
4	Filozofia stiintei si tehnicii	UPB.05.U.01.L.004	2	1			3	V
5	Istoria stiintei si tehnicii	UPB.05.U.01.L.005	2	1			3	V
TOTAL discipline liber alese (L)			6	4	1	0	11	

Rector,
Mihnea COSTOIU

Decan,
Alexandru DOBROVICESCU

Anul: I

Semestrul: II

Nr. crt.	Disciplina		Ore/saptamana				PC	Forma eval.
	Denumire	Cod	C	S	L	P		
Discipline obligatorii (O)								
1	Analiza matematica II	UPB.05.F.02.O.001	2	2			5	E
2	Mecanica I	UPB.05.T.02.O.002	2	2			5	E
3	Tehnologii de fabricatie I	UPB.05.T.02.O.003	2		1		4	E
4	Grafica computerizata	UPB.05.F.02.O.004	2		1		4	E
5	Fizica II	UPB.05.F.02.O.005	1		1		2	E
6	Utilizarea Calculatoarelor	UPB.05.F.02.O.006	1		2		3	V
7	Desen tehnic II	UPB.05.F.02.O.007			2		2	V
8	Micro si macroeconomie	UPB.05.E.02.O.008	2	1			3	V
9	Limba straina II	UPB.05.U.02.O.009		1			1	V
10	Educatie fizica si sport II	UPB.05.U.02.O.010			1		1	V
TOTAL discipline obligatorii (O)			12	6	8	0	30	
Discipline optionale (A)								
TOTAL discipline optionale (A)			0	0	0	0	0	
TOTAL discipline obligatorii (O) și optionale (A)			12	6	8	0	30	
TOTAL ore pe săptămână			26					
Discipline liber alese (L)								
1	Educatie fizica si sport II	UPB.05.U.02.L.001			1		1	V
2	Limba straina II	UPB.05.U.02.L.002		1			1	V
3	Practica 1 (2PC/60 ore)							V
TOTAL discipline liber alese (L)			0	1	1	0	2	

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Anul: II

Semestrul: I

Nr. crt.	Disciplina		Ore/saptamana				PC	Forma eval.
	Denumire	Cod	C	S	L	P		
Discipline obligatorii (O)								
1	Matematici speciale	UPB.05.F.03.O.001	2	2			5	E
2	Mecanica II	UPB.05.T.03.O.002	2	2			5	E
3	Rezistenta materialelor I	UPB.05.T.03.O.003	2	2			5	E
4	Tehnologii de fabricatie II	UPB.05.T.03.O.004	2		1		3	E
5	Electrotehnica industriala	UPB.05.T.03.O.005	2		1		3	V
6	Programarea calculatoarelor	UPB.05.F.03.O.006	1		2		3	V
7	Limba straina III	UPB.05.U.03.O.007		1			1	V
8	Educatie fizica si sport III	UPB.05.U.03.O.008			1		1	V
TOTAL discipline obligatorii (O)			11	7	5	0	26	
Discipline optionale (A)								
1	Mecanisme si roboti	UPB.05.T.03.A.001	2		1		4	E
	Mecanisme de mecanica fina	UPB.05.T.03.A.002						
TOTAL discipline optionale (A)			2	0	1	0	4	
TOTAL discipline obligatorii (O) și optionale (A)			13	7	6	0	30	
TOTAL ore pe săptămână			26					
Discipline liber alese (L)								
1	Limba straina III	UPB.05.U.03.L.001		1			1	V
2	Educatie fizica si sport III	UPB.05.U.03.L.002			1		1	V
3	Complemente de fizica	UPB.05.F.03.L.003	2		1		3	V
TOTAL discipline liber alese (L)			2	1	2	0	5	

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Anul: II

Semestrul: II

Nr. crt.	Disciplina		Ore/saptamana				PC	Forma eval.
	Denumire	Cod	C	S	L	P		
Discipline obligatorii (O)								
1	Probabilitati si statistica aplicata	UPB.05.F.04.O.001	2	1			3	E
2	Rezistenta materialelor II	UPB.05.T.04.O.002	2	2			5	E
3	Elemente constructive de mecanica fina I	UPB.05.T.04.O.303	3		1	1	6	E
4	Mecanica fluidelor	UPB.05.T.04.O.104	2	1			4	E
5	Managementul proiectelor de dezvoltare a produselor	UPB.05.T.04.O.005	2	1			3	E
6	Metode numerice	UPB.05.F.04.O.006	2		2		5	V
7	Legislatie tehnica	UPB.05.T.04.O.007	2				2	V
8	Limba straina IV	UPB.05.U.04.O.008		1			1	V
9	Educatie fizica si sport IV	UPB.05.U.04.O.009			1		1	V
TOTAL discipline obligatorii (O)			15	6	4	1	30	
Discipline optionale (A)								
TOTAL discipline optionale (A)			0	0	0	0	0	
TOTAL discipline obligatorii (O) și optionale (A)			15	6	4	1	30	
TOTAL ore pe săptămână			26					
Discipline liber alese (L)								
1	Limba straina IV	UPB.05.U.04.L.001		1			1	V
2	Educatie fizica si sport IV	UPB.05.U.04.L.002			1		1	V
3	Dinamica sistemelor mecanice	UPB.05.T.04.L.003	2	1			3	V
4	Estetica si design industrial	UPB.05.T.04.L.004	1		2		3	V
5	Complemente de dinamica	UPB.05.T.04.L.005	2				2	E
6	Practica (1PC/60 ore)							V
TOTAL discipline liber alese (L)			3	2	3	0	10	

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Anul: III

Semestrul: I

Nr. crt.	Disciplina		Ore/saptamana				PC	Forma eval.
	Denumire	Cod	C	S	L	P		
Discipline obligatorii (O)								
1	Elemente constructive de mecanica fina II	UPB.05.T.05.O.301	3		1	2	6	E
2	Termodinamica tehnica	UPB.05.T.05.O.202	3	1	1		6	E
3	Mecanica fluidelor si masini hidraulice	UPB.05.T.05.O.103	2		1		4	E
4	Bazele sistemelor automate	UPB.05.T.05.O.004	2		1		4	E
5	Control dimensional si metrologie	UPB.05.T.05.O.005	2		1		4	E
6	Electronica industriala	UPB.05.S.05.O.306	1		2		3	V
7	Metode cu elemente finite	UPB.05.T.05.O.007	2		1		3	V
TOTAL discipline obligatorii (O)			15	1	8	2	30	
Discipline optionale (A)								
TOTAL discipline optionale (A)			0	0	0	0	0	
TOTAL discipline obligatorii (O) și optionale (A)			15	1	8	2	30	
TOTAL ore pe săptămână						26		
Discipline liber alese (L)								
1	Pedagogie 1	UPB.05.U.05.L.001	2	1			3	E
2	Bazele mecatronicii	UPB.05.T.05.L.302	3	2			5	V
TOTAL discipline liber alese (L)			5	3	0	0	8	

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Anul: III

Semestrul: II

Nr. crt.	Disciplina		Ore/saptamana				PC	Forma eval.
	Denumire	Cod	C	S	L	P		
Discipline obligatorii (O)								
1	Optica geometrica	UPB.05.S.06.O.301	2	1	1		4	E
2	Proiectare asistata de calculator	UPB.05.S.06.O.302	2			3	4	E
3	Masini de lucru si comenzi numerice	UPB.05.S.06.O.303	2		2		4	E
4	Actionari in mecanica fina	UPB.05.S.06.O.304	2		2		4	E
5	Controlul si asigurarea calitatii	UPB.05.S.06.O.305	2		1		3	V
6	Practica 360ore	UPB.05.S.06.O.306					6	V
TOTAL discipline obligatorii (O)			10	1	6	3	25	
Discipline optionale (A)								
1	Management industrial	UPB.05.E.06.A.001	2	1			3	V
	Sisteme de gestiune economica	UPB.05.E.06.A.002						
2	Tribologie	UPB.05.T.06.A.103	2		1		2	V
	Mecatronica	UPB.05.T.06.A.104						
TOTAL discipline optionale (A)			4	1	1	0	5	
TOTAL discipline obligatorii (O) și optionale (A)			14	2	7	3	30	
TOTAL ore pe săptămână			26					
Discipline liber alese (L)								
1	Pedagogie 2	UPB.05.U.06.L.001	2	1			3	V
TOTAL discipline liber alese (L)			2	1	0	0	3	

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Mihnea COSTOIU

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Anul: IV

Semestrul: I

Nr. crt.	Disciplina		Ore/saptamana				PC	Forma eval.	
	Denumire	Cod	C	S	L	P			
Discipline obligatorii (O)									
1	Aparate si sisteme de masurare	UPB.05.S.07.O.301	3		2	1	7	E	
2	Tehnologia mecanicii fine	UPB.05.S.07.O.302	2		2	1	6	E	
3	Micro si nanotehnologii	UPB.05.S.07.O.303	2		1		4	E	
4	Robotica	UPB.05.S.07.O.304	3		1	1	5	E	
5	Metrologie	UPB.05.S.07.O.305	2		1		4	E	
6	Optica fizica	UPB.05.S.07.O.306	2	1	1		4	V	
TOTAL discipline obligatorii (O)			14	1	8	3	30		
Discipline optionale (A)									
TOTAL discipline optionale (A)			0	0	0	0	0		
TOTAL discipline obligatorii (O) și optionale (A)			14	1	8	3	30		
TOTAL ore pe săptămână			26						
Discipline liber alese (L)									
1	Proprietate industriala si intelectuala	UPB.05.T.07.L.101	1	2			3	V	
2	Tehnici multimedia	UPB.05.T.07.L.002	3	2			5	V	
TOTAL discipline liber alese (L)			4	4	0	0	8		

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Anul: IV			Semestrul: II				PC	Forma eval.
Nr. crt.	Disciplina Denumire	Cod	Ore/saptamana C S L P					
Discipline obligatorii (O)								
1	Laborator pentru elaborarea proiectului de diploma	UPB.05.S.08.O.301				8	10	V
2	Practica 60 ore)	UPB.05.S.08.O.302					1	V
TOTAL discipline obligatorii (O)			0	0	0	8	11	
Discipline optionale (A)								
1	Masurarea electrica a marimilor fizice	UPB.05.S.08.A.301	2		1		3	V
	Prelucrarea optica a informatiei	UPB.05.S.08.A.309						
2	Echipamente hidropneumatice de automatizare	UPB.05.S.08.A.302	2		1	1	4	V
	Aparatesi sisteme optice	UPB.05.S.08.A.306						
3	Controlere logice programabile	UPB.05.S.08.A.303	2		2		4	V
	Structura mecanica a aparatelor electronice si packaging electronic	UPB.05.S.08.A.308						
4	Aparate biomedicale	UPB.05.S.08.A.307	2		1	1	4	V
	Proiectarea sistemelor mecanice ultraprecise	UPB.05.S.08.A.310						
5	Sisteme integrate de fabricatie	UPB.05.S.08.A.304	2		2		4	V
	Modelarea si simularea sistemelor electromecanice	UPB.05.S.08.A.305						
TOTAL discipline optionale (A)			10	0	7	2	19	
TOTAL discipline obligatorii (O) și optionale (A)			10	0	7	10	30	
TOTAL ore pe săptămână						27		
Discipline liber alese (L)								
1	Microrobotica	UPB.05.S.08.L.301	2		2		4	V
2	Optoelectronca	UPB.05.S.08.L.302	2		2		4	V
3	Arhitectura sistemelor de calcul	UPB.05.S.08.L.303	2		2		4	V
4	Sociologie industrială	UPB.05.U.08.L.304	2	2			4	V
TOTAL discipline liber alese (L)			8	2	6	0	16	

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