

PLAN INVATAMANT

Anul: IV

Semestrul: I

Nr. crt.	Disciplina		Ore/saptamana				Stud. ind.	PC	Forma eval.
	Denumire	Cod	C	S	L	P			
Discipline obligatorii (O)									
1	Aparate si sisteme de masurare	UPB.05.S.07.O.354	3		2	1	3	7	E
2	Tehnologia mecanicii fine	UPB.05.S.07.O.355	2		2	1	3	6	E
3	Micro si nanotehnologii	UPB.05.S.07.O.356	2		1		2	4	E
4	Robotica	UPB.05.S.07.O.357	3		1	1	2	5	E
5	Metrologie	UPB.05.S.07.O.358	2		1		2	4	E
6	Optica fizica	UPB.05.S.07.O.359	2	1	1		2	4	V
TOTAL discipline obligatorii (O)			14	1	8	3	14	30	5E, 1V
Discipline optionale (A)									
TOTAL discipline optionale (A)			0	0	0	0	0	0	
TOTAL discipline obligatorii (O) și optionale (A)			14	1	8	3	14	30	5E, 1V
TOTAL ore pe săptămână			26						
Discipline liber alese (L)									
1	Proprietate industrială și intelectuală	UPB.05.T.07.L.329	1	2				3	V
2	Tehnici multimedia	UPB.05.T.07.L.330	3	2				5	V
3	Limba modernă VII	UPB.05.T.07.L.331		2				1	V
4	Limba modernă LS VII (spaniolă)	UPB.05.T.07.L.332		1				1	V
TOTAL discipline liber alese (L)			4	7	0	0	0	10	4V

RECTOR,
 Mihnea COSTOIU

DECAN,
 Mariana-Florentina STEFANESCU

Intocmit - Director DMMP,
 Mihai AVRAM

Anul: IV

Semestrul: II

Nr. crt.	Disciplina		Ore/saptamana				Stud. ind.	PC	Forma eval.
	Denumire	Cod	C	S	L	P			
Discipline obligatorii (O)									
1	Laborator pentru elaborarea proiectului de diploma	UPB.05.S.08.O.360				8	3	10	V
2	Practica 60 ore)	UPB.05.S.08.O.361						1	V
TOTAL discipline obligatorii (O)			0	0	0	8	3	11	2V
Discipline optionale (A)									
1	Masurarea electrica a marimilor fizice	UPB.05.S.08.A.305	2		1		2	3	V
	Prelucrarea optica a informatiei	UPB.05.S.08.A.306							
2	Echipamente hidropneumatice de automatizare proportionale	UPB.05.S.08.A.307	2		1	1	2	4	V
	Aparate si sisteme optice	UPB.05.S.08.A.308							
3	Controlere logice programabile	UPB.05.S.08.A.309	2		2		2	4	V
	Structura mecanica a aparatelor electronice si packaging electronic	UPB.05.S.08.A.310							
4	Aparate biomedicale	UPB.05.S.08.A.311	2		1	1	2	4	V
	Proiectarea sistemelor mecanice ultraprecise	UPB.05.S.08.A.312							
5	Sisteme integrate de fabricatie	UPB.05.S.08.A.313	2		2		2	4	V
	Modelarea si simularea sistemelor electromecanice	UPB.05.S.08.A.314							
TOTAL discipline optionale (A)			10	0	7	2	10	19	5V
TOTAL discipline obligatorii (O) si optionale (A)			10	0	7	10	13	30	7V
TOT	TOTAL ore pe săptămână		27						
Discipline liber alese (L)									
1	Microrobotica	UPB.05.S.08.L.333	2		2			4	V
2	Optoelectronica	UPB.05.S.08.L.334	2		2			4	V
3	Arhitectura sistemelor de calcul	UPB.05.S.08.L.335	2		2			4	V
4	Sociologie industrială	UPB.05.S.08.L.336	2	2				4	V
5	Limba moderna VIII	UPB.05.S.08.L.337		2				1	V
6	Limba moderna LS VIII (spaniola)	UPB.05.S.08.L.338		1				1	V
TOTAL discipline liber alese (L)			8	5	6	0	0	18	6V

RECTOR,
Mihnea COSTOIU

DECAN,
Mariana-Florentina STEFANESCU

Intocmit - Director DMMP,
Mihai AVRAM

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Anul: III

Semestrul: I

Nr. crt.	Disciplina		Ore/saptamana				Stud. ind.	PC	Forma eval.
	Denumire	Cod	C	S	L	P			
Discipline obligatorii (O)									
1	Organe de masini II	UPB.05.T.05.O.341	2		1	2	2	5	E
2	Termotehnică si masini termice	UPB.05.T.05.O.342	3	1	1		2	6	E
3	Mecanica fluidelor si masini hidraulice	UPB.05.T.05.O.343	2	1	1		2	4	E
4	Automatica	UPB.05.T.05.O.344	2		1		2	4	E
5	Tolerante si control dimensional	UPB.05.T.05.O.345	2		1		2	4	V
6	Actionari si automatizari hidraulice si pneumatice	UPB.05.S.05.O.346	2		1		2	4	E
7	Metoda elementului finit	UPB.05.T.05.O.347	2		1		2	3	V
TOTAL discipline obligatorii (O)			15	2	7	2	14	30	5E,2V
Discipline optionale (A)									
TOTAL discipline optionale (A)			0	0	0	0	0	0	
TOTAL discipline obligatorii (O) și optionale (A)			15	2	7	2	14	30	5E, 2V
TOTAL ore pe săptămână						26			
Discipline liber alese (L)									
1	Practica pedagogica in invatamantul preuniversitar obligatoriu 1	UPB.05.T.05.L.320			3			3	E
2	Complemente de mecanica fluidelor	UPB.05.T.05.L.321	2	1				3	V
3	Instruire asistata de calculator	UPB.05.T.05.L.322	1	1				2	V
4	Limba moderna L V	UPB.05.T.05.L.323		2				1	V
5	Limba moderna LS V (spaniola)	UPB.05.T.05.L.324		1				1	V
TOTAL discipline liber alese (L)			3	5	3	0	0	10	1E, 4V

RECTOR,
 Mihnea COSTOIU

DECAN,
 Mariana-Florentina STEFANESCU

Intocmit - Director DMMP,
 Mihai AVRAM

Anul: III

Semestrul: II

Nr. crt.	Disciplina		Ore/saptamana				Stud. ind.	PC	Forma eval.
	Denumire	Cod	C	S	L	P			
Discipline obligatorii (O)									
1	Optica geometrica	UPB.05.S.06.O.348	2	1	1		2	4	E
2	Proiectarea integrata în ingineria de precizie	UPB.05.S.06.O.349	2		3		2	4	E
3	Masini de lucru si comenzi numerice	UPB.05.S.06.O.350	2		2		2	3	E
4	Actionari in mecanica fina	UPB.05.S.06.O.351	2		2		2	3	E
5	Controlul si asigurarea calitatii	UPB.05.S.06.O.352	2		1		1	3	V
6	Vibratii mecanice	UPB.05.D.06.O.353	2				1	2	V
7	Practica 360ore	UPB.05.S.06.O.360						6	V
TOTAL discipline obligatorii (O)			12	1	9	0	10	25	4E, 3V
Discipline optionale (A)									
1	Management industrial	UPB.05.E.06.A.303	1	1			1	3	V
	Sisteme de gestiune economica	UPB.05.E.06.A.304							
2	Mecatronica aplicată	UPB.05.E.06.A.305	2		1		1	2	V
	Optomecatronică	UPB.05.E.06.A.306							
TOTAL discipline optionale (A)			3	1	1	0	2	5	2V
TOTAL discipline obligatorii (O) și optionale (A)			15	2	10	0	12	30	4E,5V
TOTAL ore pe săptămână			27						
Discipline liber alese (L)									
1	Managementul clasei de elevi	UPB.05.U.06.L.325	1	1				3	E
2	Practica pedagogica in invatamantul preuniversitar obligatoriu 2	UPB.05.U.06.L.326			3			2	V
3	Examen de absolvire. Nivelul I							5	E
4	Limba moderna LVI	UPB.05.U.06.L.327		2				1	V
5	Limba moderna LS VI (spaniola)	UPB.05.U.06.L.328		1				1	V
TOTAL discipline liber alese (L)			1	4	3	0	0	12	2E, 3V

RECTOR,
Mihnea COSTOIU

DECAN,
Mariana-Florentina STEFANESCU

Intocmit - Director DMMP,
Mihai AVRAM

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Anul: II

Semestrul: I

Nr. crt.	Disciplina		Ore/saptamana				Stud ind.	PC	Forma eval.
	Denumire	Cod	C	S	L	P			
Discipline obligatorii (O)									
1	Matematici speciale	UPB.05.F.03.O.322	2	2			2	4	E
2	Mecanica II	UPB.05.D.03.O.323	2	2			2	5	E
3	Rezistenta materialelor I	UPB.05.D.03.O.324	2	2			2	5	E
4	Tehnologii de fabricatie II	UPB.05.D.03.O.325	2		1		1	3	E
5	Electrotehnica	UPB.05.D.03.O.326	2		1		1	3	V
6	Mecanisme	UPB.05.D.03.O.327	2			1	1	3	E
7	Programarea calculatoarelor si limbaje de programare II	UPB.05.F.03.O.328	1		2		1	3	V
8	Limba moderna III	UPB.05.C.03.O.329		1			1	1	V
9	Educatie fizica si sport III	UPB.05.C.03.O.330			1		0	1	V
TOTAL discipline obligatorii (O)			13	7	5	1	11	28	5E, 4V
Discipline optionale (A)									
1	Mecatronică	UPB.05.D.03.A.803	1		1		1	2	V
	Sisteme robotice industriale	UPB.05.D.03.A.804							
TOTAL discipline optionale (A)			1	0	1	0	1	2	
TOTAL discipline obligatorii (O) și optionale (A)			14	7	6	1	12	30	5E, 5V
TOTAL ore pe săptămână			28						
Discipline liber alese (L)									
1	Limba moderna LIII	UPB.05.C.03.L.312		1				1	V
2	Educatie fizica si sport LIII	UPB.05.C.03.L.313			1			1	V
3	Pedagogie II	UPB.05.C.03.L.314	2	2				5	E
4	Limba moderna LS III (spaniola)	UPB.05.C.03.L.315		1				1	V
TOTAL discipline liber alese (L)			2	4	1	0	0	8	1E, 3V

RECTOR,
Mihnea COSTOIU

DECAN,
Mariana-Florentina STEFANESCU

Intocmit - Director DMMP,
Mihai AVRAM

Anul: II

Semestrul: II

Nr. crt.	Disciplina		Ore/saptamana				Stud ind.	PC	Forma eval.
	Denumire	Cod	C	S	L	P			
Discipline obligatorii (O)									
1	Teoria probabilitatilor si statistica matematica	UPB.05.F.04.O.331	2	1			1	3	E
2	Rezistenta materialelor II	UPB.05.D.04.O.332	2	2			1	3	E
3	Organe de masini I	UPB.05.D.04.O.333	3		1	1	2	5	E
4	Mecanica fluidelor	UPB.05.D.04.O.334	2		1		1	3	E
5	Management	UPB.05.D.04.O.335	2	1			1	4	V
6	Metode numerice	UPB.05.F.04.O.336	2		1		1	4	V
7	Electronica aplicata	UPB.05.D.04.O.337	2		1		1	3	V
8	Proiectare asistata de calculator	UPB.05.D.04.O.338	1		2		1	3	V
9	Limba moderna IV	UPB.05.C.04.O.339		1			1	1	V
10	Educatie fizica si sport IV	UPB.05.C.04.O.340			1		1	1	V
TOTAL discipline obligatorii (O)			16	5	7	1	11	30	4E, 6V
Discipline optionale (A)									
TOTAL discipline optionale (A)			0	0	0	0		0	
TOTAL discipline obligatorii (O) și optionale (A)			16	5	7	1		30	4E, 6V
TOTAL ore pe săptămână			29						
Discipline liber alese (L)									
1	Limba moderna LIV	UPB.05.C.04.L.316		1				1	V
2	Educatie fizica si sport LIV	UPB.05.C.04.L.317			1			1	V
3	Didactica specialitatii	UPB.05.C.04.L.318	2	2				5	E
4	Limba moderna LS IV (spaniola)	UPB.05.C.04.L.319		1				1	V
5	Practica II (1PC/60 ore)							1	V
TOTAL discipline liber alese (L)			2	4	1	0	0	9	1E, 4V

RECTOR,
 Mihnea COSTOIU

DECAN,
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Intocmit - Director DMMP,
 Mihai AVRAM

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Anul: I

Semestrul: I

Nr. crt.	Disciplina		Ore/saptamana				Stud. i ndiv.	PC	Forma eval.
	Denumire	Cod	C	S	L	P			
Discipline obligatorii (O)									
1	Analiza matematica I	UPB.05.F.01.O.301	2	2			2	5	E
2	Algebra liniara, geometrie analitica si diferentia	UPB.05.F.01.O.302	2	2			2	5	E
3	Chimie	UPB.05.F.01.O.303	2		1		1	3	E
4	Stiinta si ingineria materialelor I	UPB.05.D.01.O.304	1		1		1	2	E
5	Fizica I	UPB.05.F.01.O.305	2	1			2	4	E
6	Geometrie descriptiva	UPB.05.F.01.O.306	1		1		1	2	V
7	Desen tehnic si infografica I	UPB.05.F.01.O.307	1				1	2	V
8	Informatica aplicata I	UPB.05.F.01.O.308	1		2		2	3	V
9	Limba moderna I	UPB.05.C.01.O.309		1			1	1	V
10	Educatie fizica si sport I	UPB.05.C.01.O.310			1		0	1	V
TOTAL discipline obligatorii (O)			12	6	6	0	13	28	5E, 5V
Discipline optionale (A)									
1	Comunicare	UPB.05.C.01.A.301	2				1	2	V
2	Protectia mediului	UPB.05.C.01.A.302							
TOTAL discipline optionale (A)			2	0	0	0	1	2	1V
TOTAL discipline obligatorii (O) si optionale (A)			14	6	6	0	14	30	5E, 6V
TOTAL ore pe săptămână			26						
Discipline liber alese (L)									
1	Educatie fizica si sport L1	UPB.05.C.01.L.301			1			1	V
2	Limba moderna L1	UPB.05.C.01.L.302		1				1	V
3	Istoria culturii si civilizatiei	UPB.05.C.01.L.303	2	1				3	V
4	Filozofia stiintei si tehnicii	UPB.05.C.01.L.304	2	1				3	V
5	Psihologia educatiei	UPB.05.C.01.L.305	2	2				5	E
6	Limba moderna LS I (spaniola)	UPB.05.C.01.L.306		1				1	V
TOTAL discipline liber alese (L)			6	6	1	0	0	14	1E, 5V

RECTOR,
Mihnea COSTOIU

DECAN,
Mariana-Florentina STEFANESCU

Intocmit - Director DMMP,
Mihai AVRAM

Anul: I

Semestrul: II

Nr. crt.	Disciplina		Ore/saptamana				Stud ind.	PC	Forma eval.
	Denumire	Cod	C	S	L	P			
Discipline obligatorii (O)									
1	Analiza matematica II	UPB.05.F.02.O.311	2	2			2	4	E
2	Mecanica I	UPB.05.D.02.O.312	2	2			2	3	E
3	Tehnologii de fabricatie I	UPB.05.D.02.O.313	1		1		1	4	E
4	Informatica aplicata II	UPB.05.F.02.O.314	2		1		1	4	E
5	Fizica II	UPB.05.F.02.O.315	1		1		1	2	E
6	Programarea calculatoarelor si limbaje de programare I	UPB.05.F.02.O.316	1		2		2	4	V
7	Desen tehnic si infografica II	UPB.05.F.02.O.317			2		1	2	V
8	Economie generala	UPB.05.C.02.O.318	2				1	3	V
9	Limba moderna II	UPB.05.C.02.O.319		1			1	1	V
10	Educatie fizica si sport II	UPB.05.C.02.O.320			1		0	1	V
11	Stiinta si ingineria materialelor II	UPB.05.D.02.O.321	2		1		1	2	E
TOTAL discipline obligatorii (O)			13	5	9	0	13	30	6E, 5V
Discipline optionale (A)									
TOTAL discipline optionale (A)			0	0	0	0		0	
TOTAL discipline obligatorii (O) și optionale (A)			13	5	9	0		30	6E, 5V
TOTAL ore pe săptămână			27						
Discipline liber alese (L)									
1	Educatie fizica si sport LII	UPB.05.C.02.L.307			1			1	V
2	Limba moderna LII	UPB.05.C.02.L.308		1				1	V
3	Pedagogie I	UPB.05.C.02.L.309	2	2				5	E
4	Limba moderna LS II (spaniola)	UPB.05.C.02.L.310		1				1	V
5	Practica I (1PC/60 ore)	UPB.05.C.02.L.311						1	V
TOTAL discipline liber alese (L)			2	4	1	0	0	9	1E, 4V

RECTOR,
 Mihnea COSTOIU

DECAN,
 Mariana-Florentina STEFANESCU

Intocmit - Director DMMP,
 Mihai AVRAM