

Plan invatamant

Anul: I

Semestrul: I

2021-2022

Nr. crt.	Disciplina		C.s.t	Ore/saptamana				Nr. Sapt.	Total ore			Stud. indiv.	Forma eval.
	Denumire	Cod		C	S	L	P		Curs	Aplic	Total		
Discipline obligatorii (O)													
1	Analiza matematica I	UPB.05.F.01.O.301	5	2	2			14	28	28	56	69	E
2	Algebra liniara, geometrie analitica si diferentia	UPB.05.F.01.O.302	5	2	2			14	28	28	56	69	E
3	Chimie	UPB.05.F.01.O.303	3	2		1		14	28	14	42	33	E
4	Stiinta si ingineria materialelor I	UPB.05.D.01.O.304	2	1		1		14	14	14	28	22	E
5	Fizica I	UPB.05.F.01.O.305	4	2	1			14	28	14	42	58	E
6	Desen tehnic si infografica I	UPB.05.F.01.O.306	4	2		1		14	28	14	42	58	V
7	Informatica aplicata	UPB.05.F.01.O.307	3	1		2		14	14	28	42	33	V
8	Limba moderna I	UPB.05.C.01.O.308	1		1			14	0	14	14	11	V
9	Educatie fizica si sport I	UPB.05.C.01.O.309	1			1		14	0	14	14	11	V
TOTAL discipline obligatorii (O)			28	12	6	6	0	14	168	168	336	364	5E, 5V
Discipline optionale (A)													
1	Comunicare	UPB.05.C.01.A.301	2	2				14	28	0	28	22	V
2	Protectia mediului	UPB.05.C.01.A.302											
TOTAL discipline optionale (A)			2	2	0	0	0	14	28	0	28	22	1V
TOTAL discipline obligatorii (O) si optionale (A)			30	14	6	6	0	28	196	168	364	386	5E, 6V
TOTAL ore didactice pe saptamana								26					
Discipline liber alese (L)													
1	Educatie fizica si sport L1	UPB.05.C.01.L.301	1			1		14	0	14	14	11	V
2	Limba moderna L1	UPB.05.C.01.L.302	1		1			14	0	14	14	11	V
3	Istoria culturii si civilizatiei	UPB.05.C.01.L.303	3	2	1			14	28	14	42	33	V
4	Filozofia stiintei si tehnicii	UPB.05.C.01.L.304	3	2	1			14	28	14	42	33	V
5	Psihologia educatiei	UPB.05.C.01.L.305	5	2	2			14	28	28	56	69	E
6	Limba moderna LS I (spaniola)	UPB.05.C.01.L.306	1		1			14	0	14	14	11	V
TOTAL discipline liber alese (L)			14	6	6	1	0	14	84	98	182	168	1E, 5V

2021-2022

Anul: I

Semestrul: II

Nr. crt.	Disciplina		C.s.t.	Ore/saptamana				Nr. Sapt.	Total ore			Stud. indiv.	Forma eval.
	Denumire	Cod		C	S	L	P		Curs	Aplic	Total		
Discipline obligatorii (O)													
1	Analiza matematica II	UPB.05.F.02.O.311	4	2	2			14	28	28	56	44	E
2	Mecanica I	UPB.05.D.02.O.312	4	2	2			14	28	28	56	44	E
3	Tehnologie de fabricatie I	UPB.05.D.02.O.313	2	1		1		14	14	14	28	22	E
4	Fizica II	UPB.05.F.02.O.314	3	1		1		14	14	14	28	47	E
5	Programarea calculatoarelor si limbaje de programare I	UPB.05.F.02.O.315	5	3		3		14	42	42	84	41	V
6	Desen tehnic si infografica II	UPB.05.F.02.O.316	3			2		14	0	28	28	47	V
7	Economie generala	UPB.05.C.02.O.317	3	2				14	28	0	28	47	V
8	Limba moderna II	UPB.05.C.02.O.318	1		1			14	0	14	14	11	V
9	Educatie fizica si sport II	UPB.05.C.02.O.319	1			1		14	0	14	14	11	V
10	Stiinta si ingineria materialelor II	UPB.05.D.02.O.320	4	2		1		14	28	14	42	58	E
TOTAL discipline obligatorii (O)			30	13	5	9	0	14	182	196	378	372	5E, 5V
Discipline optionale (A)													
TOTAL discipline optionale (A)			0	0	0	0	0	14	0	0	0	0	
TOTAL discipline obligatorii (O) si optionale (A)			30	13	5	9	0	14	182	196	378	372	5E, 5V
TOTAL ore didactice pe saptamana								27					
1	Educatie fizica si sport L2	UPB.05.C.02.L.307	1			1		14	0	14	14	11	V
2	Limba moderna L2	UPB.05.C.02.L.308	1		1			14	0	14	14	11	V
3	Pedagogie I	UPB.05.C.02.L.309	5	2	2			14	28	28	56	69	E
4	Limba moderna LS II (spaniola)	UPB.05.C.02.L.310	1		1			14	0	14	14	11	V
5	Practica I	UPB.05.C.02.L.311	1					14					V
TOTAL discipline liber alese (L)			9	2	4	1	0	14	28	70	98	127	1E,4V

Anul: II Semestrul: I 2021-2022

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	Mecatronica	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) si optionale (A)			14	7	6	1	12	30	5E, 5V
TOTAL ore pe saptamana							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

Anul II 2021-2022

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) si 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

2021-2022

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 opționale (A)									
TOTAL discipline opționale (A)			0	0	0	0	0	0	
TOTAL discipline obligatorii (O) și opționale (A)			15	2	7	2	14	30	5E, 2V
TOTAL ore pe săptămână			26						
Discipline liber alese (L)									
1	Practica pedagogica I	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

Anul III 2021-2022

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 II	UPB.05.U.06.L.326			3			2	V
3	Examen de absolvire. Nivelul I							5	E
4	Limba moderna L VI	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

Anul IV 2021-2022

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) si optionale (A)			14	1	8	3	14	30	5E, 1V
TOTAL ore pe saptamana					26				
Discipline liber alese (L)									
1	Proprietate industriala si intelectuala	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 moderna L VII	UPB.05.T.07.L.331		2				1	V
4	Limba moderna LS VII (spaniola)	UPB.05.T.07.L.332		1				1	V
TOTAL discipline liber alese (L)			4	7	0	0	0	10	4V

Anul IV 2021-2022

Anul: IV			Semestrul: II				Stud. ind.	PC	Forma eval.
Nr. crt.	Disciplina Denumire	Cod	C	S	L	P			
Discipline obligatorii (O)									
1	Laborator pentru elaborarea	UPB.05.S.08.O.361				8	3	10	V
2	Practica 60 ore)	UPB.05.S.08.O.362						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.307	2		1		2	3	V
2	Prelucrarea optica a informatiei	UPB.05.S.08.A.308	2		1	1	2	4	V
	Echipamente hidropneumatice de automatizare proporționale	UPB.05.S.08.A.309							
3	Aparate si sisteme optice	UPB.05.S.08.A.310	2		2		2	4	V
	Controlere logice programabile	UPB.05.S.08.A.311							
4	Structura mecanica a aparatelor	UPB.05.S.08.A.312	2		1	1	2	4	V
	Aparate biomedicale	UPB.05.S.08.A.313							
5	Proiectarea sistemelor mecanice ultraprecise	UPB.05.S.08.A.314	2		2		2	4	V
	Sisteme integrate de fabricatie	UPB.05.S.08.A.315							
	Modelarea si simularea sistemelor electromecanice	UPB.05.S.08.A.316	2		2		2	4	V
TOTAL discipline optionale (A)			10	0	7	2	10	19	5V
TOTAL discipline obligatorii (O) și optionale (A)			10	0	7	10	13	30	7V
TOTAL	TOTAL ore pe săptămână		27						
Discipline liber alese (L)									
1	Microrobotica	UPB.05.S.08.L.325	2		2			4	V
2	Optoelectronca	UPB.05.S.08.L.326	2		2			4	V
3	Arhitectura sistemelor de calcul	UPB.05.S.08.L.327	2		2			4	V
4	Sociologie industrială	UPB.05.U.08.L.328	2	2				4	V
5	Limba moderna L VIII	UPB.05.U.08.L.329		2				1	V
6	Limba moderna LS VIII (spaniola)	UPB.05.U.08.L.330		1				1	V
TOTAL discipline liber alese (L)			8	5	6	0	0	18	6V