

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 | Știința materialelor, tratamente termice și 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 | Sisteme, tehnologii, atitudini, rezultate | UPB.06.D.01.O.007 | 2 | 1 | 0 | 0 | 4 | E |
| 8 | A1.1 | UPB.06.C.01.O.008 | | | | | | |
| Total discipline obligatorii (O) | | | 12 | 4 | 6 | 0 | 28 | |
| Discipline optionale (A) | | | | | | | | |
| A1.1 | Limba moderna 1 - Engleză | UPB.06.C.01.A.008 | 0 | 2 | 0 | 0 | 2 | V |
| | Limba moderna 1 - Franceza | | | | | | | |
| Total discipline optionale (A) | | | 0 | 2 | 0 | 0 | 2 | |
| Total discipline obligatorii și optionale (O + A) | | | 12 | 6 | 6 | 0 | 30 | |
| TOTAL ORE PE SAPTAMANA | | | 24 | | | | | |
| Discipline liber alese (L) | | | | | | | | |
| L1.1 | Psihologia educatiei | UPB.06.C.01.L.009 | 2 | 2 | 0 | 0 | 5 | E |
| L1.2 | Știința informării și documentării în cultura digitală | UPB.06.C.01.L.010 | 1 | 0 | 1 | 0 | 2 | V |
| L1.3 | Educație fizică 1* | UPB.06.C.01.L.011 | 0 | 1 | 0 | 0 | 2 | V |
| Total discipline liber alese (L) | | | 3 | 3 | 1 | 0 | 9 | |
| SEMESTRUL II | | | | | | | | |
| 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 | 3 | 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 | Grafica asistată de calculator | UPB.06.F.02.O.008 | 1 | 0 | 2 | 0 | 3 | V |
| 9 | A1.2 | UPB.06.C.02.A.009 | | | | | | |
| Total discipline obligatorii (O) | | | 13 | 5 | 9 | 0 | 28 | |
| Discipline optionale (A) | | | | | | | | |
| A1.2 | Limba moderna 2 - Engleză | UPB.06.C.02.A.009 | 0 | 2 | 0 | 0 | 2 | V |
| | Limba moderna 2 - Franceza | | | | | | | |
| Total discipline optionale (A) | | | 0 | 2 | 0 | 0 | 2 | |
| Total discipline obligatorii și optionale | | | 13 | 7 | 9 | 0 | 30 | |
| TOTAL ORE PE SAPTAMANA | | | 29 | | | | | |
| Discipline liber alese (L) | | | | | | | | |
| L1.4 | Pedagogie 1 | UPB.06.C.02.L.010 | 2 | 2 | 0 | 0 | 5 | E |
| L1.5 | Educație fizică 2* | UPB.06.C.02.L.011 | 0 | 1 | 0 | 0 | 2 | V |
| Total discipline liber alese (L) | | | 2 | 3 | 0 | 0 | 7 | |

* Se vor efectua obligatoriu minimum două semestre de Educație fizică pe toată durata ciclului de licență

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

Director de departament,
 Prof. univ. dr. ing. T. SAVU

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 | 2 | 1 | 0 | 5 | E | |
| 3 | Organe de mașini 1 | 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 | 4 | V | |
| 6 | Desen tehnic 3 | UPB.06.F.03.O.006 | 1 | 0 | 1 | 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 | 2 | V | |
| Total discipline obligatorii (O) | | | 13 | 4 | 8 | 1 | 30 | | |
| Discipline optionale (A) | | | | | | | | | |
| Total discipline optionale (A) | | | 0 | 0 | 0 | 0 | 0 | | |
| Total discipline obligatorii si optionale (O + A) | | | 13 | 4 | 8 | 1 | 30 | | |
| TOTAL ORE PE SAPTAMANA | | | 26 | | | | | | |
| Discipline liber alese (L) | | | | | | | | | |
| L2.1 | Pedagogie 2 | UPB.06.C.03.L.009 | 2 | 2 | 0 | 0 | 5 | E | |
| L2.2 | Limba moderna 3 - Engleză | UPB.06.C.03.L.010 | 0 | 2 | 0 | 0 | 2 | V | |
| L2.3 | Limba moderna 3 - Franceză | UPB.06.C.03.L.011 | 0 | 2 | 0 | 0 | 2 | V | |
| L2.4 | Limba moderna 3 - Rusă | UPB.06.C.03.L.012 | 0 | 2 | 0 | 0 | 2 | V | |
| L2.5 | Educatie fizica 3 | UPB.06.C.03.L.013 | 0 | 1 | 0 | 0 | 2 | V | |
| Total discipline liber alese (L) | | | 2 | 9 | 0 | 0 | 13 | | |
| 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 | 1 | 3 | E | |
| 3 | Proiectare asistata de calculator 1 | UPB.06.D.04.O.003 | 1 | 0 | 2 | 0 | 3 | E | |
| 4 | Organe de mașini 2 | UPB.06.D.04.O.004 | 2 | 0 | 1 | 1 | 4 | E | |
| 5 | Toleranțe geometrice | UPB.06.D.04.O.005 | 2 | 2 | 0 | 0 | 4 | E | |
| 6 | Dezvoltare durabila | UPB.06.C.04.O.006 | 1 | 0 | 1 | 0 | 2 | V | |
| 7 | Managementul proiectelor | UPB.06.D.04.O.007 | 1 | 0 | 0 | 1 | 3 | V | |
| 8 | Electrotehnica | UPB.06.D.04.O.008 | 1 | 0 | 1 | 0 | 3 | V | |
| 9 | Practica 1 (2 sapt. X 30h/sapt.=60ore) | UPB.06.D.04.O.009 | | | | | 2 | V | |
| 10 | A2.1 | UPB.06.D.04.A.010 | | | | | | | |
| Total discipline obligatorii (O) | | | 12 | 3 | 6 | 3 | 27 | | |
| Discipline optionale (A) | | | | | | | | | |
| A2.1 | Bazele cercetarii integrate Mecanica fluidelor Bazele mecatronicii | UPB.06.D.04.A.010 | 2 | 0 | 1 | 0 | 3 | V | |
| Total discipline optionale (A) | | | 2 | 0 | 1 | 0 | 3 | | |
| Total discipline obligatorii si optionale (O + A) | | | 14 | 3 | 7 | 3 | 30 | | |
| TOTAL ORE PE SAPTAMANA | | | 27 | | | | | | |
| Discipline liber alese (L) | | | | | | | | | |
| L2.6 | Didactica specialitatii | UPB.06.C.04.L.011 | 2 | 2 | 0 | 0 | 5 | E | |
| L2.7 | Limba moderna 4 - Engleză | UPB.06.C.04.L.012 | 0 | 2 | 0 | 0 | 2 | V | |
| L2.8 | Limba moderna 4 - Franceză | UPB.06.C.04.L.013 | 0 | 2 | 0 | 0 | 2 | V | |
| L2.9 | Limba moderna 4 - Rusă | UPB.06.C.04.L.014 | 0 | 2 | 0 | 0 | 2 | V | |
| L2.10 | Educatie fizica 4 | UPB.06.C.04.L.015 | 0 | 1 | 0 | 0 | 2 | V | |
| Total discipline liber alese (L) | | | 2 | 9 | 0 | 0 | 13 | | |

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

Director de departament,
 Prof. univ. dr. ing. T. SAVU

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 | 1 | 0 | 2 | 0 | 4 | V |
| 2 | Bazele generarii suprafetelor | UPB.06.D.05.O.002 | 2 | 0 | 1 | 0 | 3 | E |
| 3 | Inspectia preciziei geometrice | UPB.06.D.05.O.003 | 2 | 0 | 2 | 0 | 4 | E |
| 4 | Tehnologia fabricării 1 | UPB.06.S.05.O.004 | 2 | 0 | 1 | 0 | 3 | E |
| 5 | Procedee speciale de formare | UPB.06.S.05.O.005 | 2 | 0 | 1 | 0 | 3 | E |
| 6 | Tehnologii de injecție în matrițe | UPB.06.S.05.O.006 | 1 | 0 | 1 | 0 | 2 | V |
| 7 | Procedee speciale de formare - proiect | UPB.06.S.05.O.007 | 0 | 0 | 0 | 1 | 2 | V |
| 8 | Tehnologii de injecție în matrițe - proiect | UPB.06.S.05.O.008 | 0 | 0 | 0 | 1 | 2 | V |
| 9 | Europa, cultura, civilizatie | UPB.06.C.05.O.009 | 1 | 1 | 0 | 0 | 2 | V |
| 10 | A3.1 | UPB.06.D.05.A.010 | | | | | | |
| 11 | A3.2 | UPB.06.C.05.A.011 | | | | | | |
| Total discipline obligatorii (O) | | | 11 | 1 | 8 | 2 | 25 | |
| Discipline optionale (A) | | | | | | | | |
| A3.1 | Procese fizico-chimice de suprafață Coroziune și acoperiri | UPB.06.D.05.A.010 | 2 | 0 | 1 | 0 | 3 | E |
| A3.2 | Legislatie in domeniul ingineriei Legislatia muncii | UPB.06.C.05.A.011 | 1 | 1 | 0 | 0 | 2 | E |
| Total discipline optionale (A) | | | 3 | 1 | 1 | 0 | 5 | |
| Total discipline obligatorii si optionale (O + A) | | | 14 | 2 | 9 | 2 | 30 | |
| TOTAL ORE PE SAPTAMANA | | | 27 | | | | | |
| Discipline liber alese (L) | | | | | | | | |
| L3.1 | Instruire asistata de calculator | UPB.06.C.05.L.012 | 2 | 2 | 0 | 0 | 2 | V |
| L3.2 | Practica pedagogica in invatamantul preuniversitar obligatoriu (1) | UPB.06.C.05.L.013 | 0 | 3 | 0 | 0 | 3 | V |
| Total discipline liber alese (L) | | | 2 | 5 | 0 | 0 | 5 | |
| SEMESTRUL II | | | | | | | | |
| Discipline obligatorii (O) | | | | | | | | |
| 1 | Proiectare asistata de calculator 3 | UPB.06.S.06.O.001 | 1 | 0 | 2 | 0 | 3 | V |
| 2 | Management industrial | UPB.06.D.06.O.002 | 2 | 1 | 0 | 0 | 2 | V |
| 3 | Tehnologia fabricării 2 | UPB.06.S.06.O.003 | 2 | 0 | 1 | 0 | 3 | E |
| 4 | Tehnologii de prelucrare prin electroeroziune 1 | UPB.06.S.06.O.004 | 2 | 0 | 1 | 0 | 3 | E |
| 5 | Tehnologii de prelucrare prin electrochimie 1 | UPB.06.S.06.O.005 | 2 | 0 | 1 | 0 | 3 | E |
| 6 | Sisteme pentru prelucrări neconvenționale | UPB.06.S.06.O.006 | 2 | 0 | 1 | 0 | 3 | E |
| 7 | Mașini pentru prelucrări mecanice | UPB.06.D.06.O.007 | 2 | 0 | 1 | 0 | 2 | V |
| 8 | Materiale nanostructurate | UPB.06.S.06.O.008 | 2 | 0 | 1 | 0 | 3 | E |
| 9 | Practica 2 (360 de ore/12 saptamani) | UPB.06.D.06.O.009 | | | | | 6 | V |
| 10 | A3.3 | UPB.06.S.06.A.010 | | | | | | |
| Total discipline obligatorii (O) | | | 15 | 1 | 8 | 0 | 28 | |
| Discipline optionale (A) | | | | | | | | |
| A3.3 | Proiectare parametrica avansata Tehnologia produselor compozite Managementul mediului | UPB.06.S.06.A.010 | 1 | 0 | 1 | 0 | 2 | V |
| Total discipline optionale (A) | | | 1 | 0 | 1 | 0 | 2 | |
| Total discipline obligatorii si optionale (O + A) | | | 16 | 1 | 9 | 0 | 30 | |
| TOTAL ORE PE SAPTAMANA | | | 26 | | | | | |
| Discipline liber alese (L) | | | | | | | | |
| L3.3 | Managementul clasei de elevi | UPB.06.C.06.L.011 | 2 | 1 | 0 | 0 | 3 | E |
| L3.4 | Practica pedagogica in invatamantul preuniversitar obligatoriu (2) | UPB.06.C.06.L.012 | 0 | 3 | 0 | 0 | 2 | V |
| L3.5 | Examen de absolvire, nivel I | UPB.06.C.06.L.013 | 0 | 0 | 0 | 0 | 5 | E |
| Total discipline liber alese (L) | | | 2 | 4 | 0 | 0 | 10 | |

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

Director de departament,
 Prof. univ. dr. ing. T. SAVU

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 | Inginerie asistata de calculator | UPB.06.S.07.O.001 | 1 | 0 | 2 | 0 | 3 | E |
| 2 | Analiza economica | UPB.06.C.07.O.002 | 2 | 0 | 1 | 0 | 3 | V |
| 3 | Tehnologii de prelucrare prin electroeroziune 2 | UPB.06.S.07.O.003 | 2 | 0 | 1 | 0 | 3 | E |
| 4 | Tehnologii de prelucrare prin electrochimie 2 | UPB.06.S.07.O.004 | 2 | 0 | 1 | 0 | 3 | E |
| 5 | Sisteme pentru prelucrari neconventionale 2 | UPB.06.S.07.O.005 | 2 | 0 | 1 | 0 | 3 | E |
| 6 | Tehnologii speciale si nanotehnologii | UPB.06.S.07.O.006 | 2 | 0 | 2 | 0 | 3 | E |
| 7 | Tehnologii de prelucrare prin procedee neconventionale - proiect | UPB.06.S.07.O.007 | 0 | 0 | 0 | 3 | 3 | V |
| 8 | Sisteme pentru prelucrari neconventionale - proiect | UPB.06.S.07.O.008 | 0 | 0 | 0 | 1 | 2 | V |
| 9 | Tehnologii si echipamente de fabricare | UPB.06.S.07.O.009 | 3 | 0 | 2 | 0 | 4 | E |
| 10 | A4.1 | UPB.06.S.07.A.010 | | | | | | |
| Total discipline obligatorii (O) | | | 14 | 0 | 10 | 4 | 27 | |
| Discipline optionale (A) | | | | | | | | |
| A4.1 | Calitatea fabricatiei | UPB.06.D.07.A.010 | 2 | 0 | 1 | 0 | 3 | V |
| | Bazele cercetării experimentale | | | | | | | |
| Total discipline optionale (A) | | | 2 | 0 | 1 | 0 | 3 | |
| Total discipline obligatorii si optionale (O + A) | | | 16 | 0 | 11 | 4 | 30 | |
| TOTAL ORE PE SAPTAMANA | | | 31 | | | | | |
| Discipline liber alese (L) | | | | | | | | |
| L4.1 | Istoria tehnicii | UPB.06.C.07.L.011 | 1 | 1 | 0 | 0 | 2 | V |
| Total discipline liber alese (L) | | | 1 | 1 | 0 | 0 | 2 | |
| SEMESTRUL II | | | | | | | | |
| Discipline obligatorii (O) | | | | | | | | |
| 1 | Tehnologii de prelucrare cu fascicule si oscilatii | UPB.06.S.08.O.001 | 3 | 0 | 2 | 0 | 5 | V |
| 2 | Tehnologii si echipamente de fabricare - proiect | UPB.06.S.08.O.002 | 0 | 0 | 0 | 4 | 5 | V |
| 3 | A4.2 | UPB.06.S.08.A.003 | | | | | | |
| 4 | A4.3 | UPB.06.S.08.A.004 | | | | | | |
| 5 | Pregatire Proiect de Diploma | UPB.06.S.08.O.005 | | | | 8 | 10 | V |
| Total discipline obligatorii (O) | | | 3 | 0 | 2 | 12 | 20 | |
| Discipline optionale (A) | | | | | | | | |
| A4.2 | Fabricare asistata | UPB.06.S.08.A.003 | 2 | 0 | 1 | 0 | 5 | V |
| | Tehnologii de fabricare aditiva | | | | | | | |
| A4.3 | Tehnologii si sisteme neconventionale de control | UPB.06.S.08.A.004 | 2 | 0 | 1 | 0 | 5 | V |
| | Testarea si certificarea produselor Tehnologia produselor din materiale nemetalice | | | | | | | |
| Total discipline optionale (A) | | | 4 | 0 | 2 | 0 | 10 | |
| Total discipline obligatorii si optionale (O + A) | | | 7 | 0 | 4 | 12 | 30 | |
| TOTAL ORE PE SAPTAMANA | | | 23 | | | | | |
| Discipline liber alese (L) | | | | | | | | |
| L4.2 | Legislatie comerciala europeana | UPB.06.C.08.L.006 | 0 | 2 | 0 | 0 | 2 | V |
| Total discipline liber alese (L) | | | 0 | 2 | 0 | 0 | 2 | |
| EXAMEN DE DIPLOMA | | | | | | | 10 | E |

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

Director de departament,
 Prof. univ. dr. ing. T. SAVU

RECTOR,
 Mihnea COSTOIU