

| CODUL SI | DENUMIREA DISCIPLINEI | Anul : I | | | | | | | | Forma de verificare | | | Nr.ore/disciplina | | | | Credite/sem | | Disciplina | | | | |
|----------|---|---------------|---|-------|---|---------------|----|---|-------|---------------------|------|------|-------------------|----|-----|---------|-------------|-----|------------|------|------|----|--|
| | | SEM 1 14 sapt | | | | SEM 2 14 sapt | | | | E | C | V | Total | C | Apl | St. ind | 1 | 2 | cat | tip | | | |
| | | C | S | L | P | PR | C | S | L | | | | | | | | | | | | P | PR | |
| 1.00 | Analiza matematica | 2 | 2 | 0 | 0 | 0 | | | | | Nota | 125 | 28 | 28 | 69 | 5.0 | | DF | DI | | | | |
| 2.00 | Algebra liniara, geometrie analitica si diferentia | 2 | 2 | 0 | 0 | 0 | | | | | Nota | 100 | 28 | 28 | 44 | 4.0 | | DF | DI | | | | |
| 3.00 | Bazele electrotehnicii | 2 | 1 | 1 | 0 | 0 | | | | | Nota | 125 | 28 | 28 | 69 | 5.0 | | DD | DI | | | | |
| 4.00 | Fizica I | 2 | 0 | 2 | 0 | 0 | | | | | Nota | 125 | 28 | 28 | 69 | 5.0 | | DF | DI | | | | |
| 5.00 | Programarea calculatoarelor si limbaje de programare I | 2 | 0 | 2 | 0 | 0 | | | | | Nota | 125 | 28 | 28 | 69 | 5.0 | | DF | DI | | | | |
| 6.00 | Mecanica | 2 | 0 | 1 | 0 | 0 | | | | | Nota | 75 | 28 | 14 | 33 | 3.0 | | DD | DI | | | | |
| 7.00 | Limbi moderne 1 | 0 | 1 | 0 | 0 | 0 | | | | | Nota | 25 | 0 | 14 | 11 | 1.0 | | DC | DI | | | | |
| 8.00 | Educatie fizica si sport I | 0 | 2 | 0 | 0 | 0 | | | | | A/R | 50 | 0 | 28 | 22 | 2.0 | | DC | DI | | | | |
| 9.00 | Matematici speciale | | | | | | 2 | 2 | 0 | 0 | 0 | Nota | 125 | 28 | 28 | 69 | 5.0 | | DF | DI | | | |
| 10.00 | Fizica II | | | | | | 2 | 0 | 2 | 0 | 0 | Nota | 125 | 28 | 28 | 69 | 5.0 | | DF | DI | | | |
| 11.00 | Chimie | | | | | | 2 | 0 | 1 | 0 | 0 | Nota | 75 | 28 | 14 | 33 | 3.0 | | DF | DI | | | |
| 12.00 | Programarea calculatoarelor si limbaje de programare II | | | | | | 2 | 0 | 2 | 0 | 0 | Nota | 125 | 28 | 28 | 69 | 5.0 | | DF | DI | | | |
| 13.00 | Grafica asistata de calculator | | | | | | 2 | 0 | 2 | 0 | 0 | Nota | 100 | 28 | 28 | 44 | 4.0 | | DF | DI | | | |
| 14.00 | Teoria circuitelor electrice | | | | | | 2 | 2 | 0 | 0 | 0 | Nota | 125 | 28 | 28 | 69 | 5.0 | | DD | DI | | | |
| 15.10 | Limbi moderne 2 Engleza | | | | | | 2 | 0 | 0 | 0 | 0 | Nota | 50 | 28 | 0 | 22 | 2.0 | | DC | DO | | | |
| 15.20 | Limbi moderne 2 Franceza | | | | | | 2 | 0 | 0 | 0 | 0 | Nota | 50 | 28 | 0 | 22 | 2.0 | | DC | DO | | | |
| 15.30 | Limbi moderne 2 Germana | | | | | | 2 | 0 | 0 | 0 | 0 | Nota | 50 | 28 | 0 | 22 | 2.0 | | DC | DO | | | |
| 16.00 | Educatie fizica si sport II | | | | | | 0 | 1 | 0 | 0 | 0 | A/R | 25 | 0 | 14 | 11 | 1.0 | | DC | DI | | | |
| TOTAL AN | | 12 | 8 | 6 | 0 | 0 | 14 | 5 | 7 | 0 | 0 | sem1 | 5 | 2 | 1 | 1500 | 364 | 364 | 772 | 30.0 | 30.0 | | |
| | | | | 26.00 | | | | | 26.00 | | | sem2 | 5 | 2 | 1 | | | | | | | | |

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|--------|--|---|---|---|---|---|---|---|---|---|------|------|-----|----|----|-----|-----|----|------|------|
| 101.00 | Teoria probabilitatilor si statistica matematica | 2 | 1 | 0 | 0 | 0 | | | | | Nota | 75 | 28 | 14 | 33 | 3.0 | | DF | Dfac | |
| 200.00 | Psihologia educatiei | 2 | 2 | 0 | 0 | 0 | | | | | Nota | 125 | 28 | 28 | 69 | 5.0 | | DC | Dfac | |
| 301.00 | Voluntariat 1 | 0 | 1 | 0 | 0 | 0 | | | | | A/R | 50 | 0 | 14 | 36 | 2.0 | | DC | Dfac | |
| 102.00 | Utilizare avansata MsOffice | | | | | | 0 | 0 | 2 | 0 | 0 | A/R | 50 | 0 | 28 | 22 | 2.0 | | DC | Dfac |
| 103.00 | Fizica | | | | | | 2 | 1 | 0 | 0 | 0 | Nota | 75 | 28 | 14 | 33 | 3.0 | | DF | Dfac |
| 201.00 | Pedagogie I (Fundamentele pedagogiei, Teoria si | | | | | | 2 | 2 | 0 | 0 | 0 | Nota | 125 | 28 | 28 | 69 | 5.0 | | DC | Dfac |

Rector,
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Director departament,
Conf. dr. ing. Petre Dorel Teodosescu

| | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|------|---|---|---|---|-------|---|---|------|----|---|----|------------|-----|-----|---------|------|------|--|
| metodologia curriculumului) | | | | | | | | | | | | | | | | | | | | | |
| 302.00 Voluntariat 2 | | | | | 0 | 1 | 0 | 0 | 0 | | A/R | 50 | 0 | 14 | 36 | | 2.0 | DC Dfac | | | |
| TOTAL AN | 4 | 4 | 0 | 0 | 0 | 4 | 4 | 2 | 0 | 0 | sem1 | 1 | 1 | 1 | 550 | 112 | 140 | 298 | 10.0 | 12.0 | |
| | | | 8.00 | | | | | 10.00 | | | sem2 | 1 | 1 | 2 | | | | | | | |

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| CODUL SI DENUMIREA DISCIPLINEI | Anul : III | | | | | Forma de verificare | | | Nr.ore/disciplina | | | | Credite/sem | | Disciplina | | | | |
|-------------------------------------|------------|---|---------|---|----|---------------------|---|---------|-------------------|----|--------------------------|-------------|-------------|-----|------------|------|------|-----|-----|
| | SEM 1 | | 14 sapt | | | SEM 2 | | 14 sapt | E | C | V | Total | C | Apl | St. ind | 1 | 2 | cat | tip |
| | C | S | L | P | PR | C | S | L | | | | | | | | | | | |
| 35.00 Echipamente electrice | 2 | 0 | 2 | 0 | 0 | | | | Nota | | | 125 | 28 | 28 | 69 | 5.0 | | DID | DI |
| 36.00 Bazele marketingului | 2 | 0 | 2 | 0 | 0 | | | | Nota | | | 125 | 28 | 28 | 69 | 5.0 | | DID | DI |
| 37.00 Contabilitate | 2 | 0 | 2 | 1 | 0 | | | | Nota | | | 150 | 28 | 42 | 80 | 6.0 | | DID | DI |
| 38.00 Electronica de putere | 2 | 0 | 2 | 0 | 0 | | | | Nota | | | 100 | 28 | 28 | 44 | 4.0 | | DS | DI |
| 39.00 Management financiar | 2 | 0 | 2 | 1 | 0 | | | | Nota | | | 150 | 28 | 42 | 80 | 6.0 | | DID | DI |
| 40.00 Utilizarea energiei electrice | 2 | 0 | 2 | 0 | 0 | | | | Nota | | | 100 | 28 | 28 | 44 | 4.0 | | DS | DI |
| 41.00 Calitate si fiabilitate | | | | | | 2 | 1 | 0 | 0 | 0 | Nota | 75 | 28 | 14 | 33 | | 3.0 | DS | DI |
| 42.00 Actionari electrice | | | | | | 2 | 0 | 2 | 1 | 0 | Nota | 125 | 28 | 42 | 55 | | 5.0 | DID | DI |
| 43.00 Sisteme cu microprocesoare | | | | | | 2 | 0 | 2 | 0 | 0 | Nota | 100 | 28 | 28 | 44 | | 4.0 | DID | DI |
| 44.00 Bazele managementului | | | | | | 2 | 2 | 0 | 0 | 0 | Nota | 100 | 28 | 28 | 44 | | 4.0 | DID | DI |
| 45.00 Instalatii electrice | | | | | | 2 | 0 | 1 | 2 | 0 | Nota | 125 | 28 | 42 | 55 | | 5.0 | DS | DI |
| 46.00 Managementul productiei | | | | | | 2 | 2 | 0 | 1 | 0 | Nota | 125 | 28 | 42 | 55 | | 5.0 | DID | DI |
| 47.00 Practica II (3 sapt) | | | | | | 0 | 0 | 0 | 0 | 30 | A/R | 100 | 0 | 90 | 10 | | 4.0 | DS | DI |
| TOTAL AN | 12 | 0 | 12 | 2 | 0 | 12 | 5 | 5 | 4 | 30 | sem1 5 1 0 sem2 5 1 1 | 1500 | 336 | 482 | 682 | 30.0 | 30.0 | | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|------|---|------|----|----|----|----|-----|-----|----|------|
| 112.00 Sisteme de telecomunicatii | 2 | 1 | 0 | 0 | 0 | | | | Nota | | | 75 | 28 | 14 | 33 | 3.0 | | DS | Dfac |
| 113.00 Tehnologii web | 1 | 0 | 2 | 0 | 0 | | | | Nota | | | 75 | 14 | 28 | 33 | 3.0 | | DS | Dfac |
| 114.00 Instruire asistata de calculator | 1 | 0 | 1 | 0 | 0 | | | | Nota | | | 50 | 14 | 14 | 22 | 2.0 | | DC | Dfac |
| 115.00 Practica pedagogica I | 0 | 0 | 0 | 0 | 3 | | | | Nota | | | 75 | 0 | 42 | 33 | 3.0 | | DC | Dfac |
| 305.00 Voluntariat 5 | 0 | 1 | 0 | 0 | 0 | | | | A/R | | | 50 | 0 | 14 | 36 | 2.0 | | DC | Dfac |
| 116.00 Retele de calculatoare | | | | | | 1 | 0 | 2 | 0 | 0 | Nota | 75 | 14 | 28 | 33 | | 3.0 | DS | Dfac |
| 117.00 Surse regenerabile | | | | | | 2 | 0 | 1 | 0 | 0 | Nota | 75 | 28 | 14 | 33 | | 3.0 | DS | Dfac |
| 118.00 Managementul clasei de elevi | | | | | | 1 | 1 | 0 | 0 | 0 | Nota | 75 | 14 | 14 | 47 | | 3.0 | DC | Dfac |
| 119.00 Practica pedagogica II | | | | | | 0 | 0 | 0 | 0 | 3 | Nota | 50 | 0 | 42 | 8 | | 2.0 | DC | Dfac |
| 120.00 Examen absolvire nivel I | | | | | | 0 | 0 | 0 | 0 | 0 | Nota | 0 | 0 | 0 | 0 | | 5.0 | DC | Dfac |
| 121.00 Arheometrie | | | | | | 2 | 0 | 1 | 0 | 0 | Nota | 75 | 28 | 14 | 33 | | 3.0 | DC | Dfac |
| 306.00 Voluntariat 6 | | | | | | 0 | 1 | 0 | 0 | 0 | A/R | 50 | 0 | 14 | 36 | | 2.0 | DC | Dfac |

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FACULTATE FACULTATEA DE INGINERIE ELECTRICA

DOMENIU INGINERIE SI MANAGEMENT

SPECIALIZARE INGINERIE ECONOMICA IN DOMENIUL ELECTRIC,ELECTRONIC SI ENERGETIC

Nivel de studii LICENTA

PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR

2022-2023

Pag. 6

| | | | | | | | | | | | | | | | | | | | | | |
|----------|---|---|------|---|---|---|---|-------|---|---|------|---|---|---|------------|-----|-----|-----|------|------|--|
| TOTAL AN | 4 | 2 | 3 | 0 | 3 | 6 | 2 | 4 | 0 | 3 | sem1 | 0 | 4 | 1 | 725 | 140 | 238 | 347 | 13.0 | 16.0 | |
| | | | 9.00 | | | | | 12.00 | | | sem2 | 1 | 4 | 1 | | | | | | + 5 | |

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| CODUL SI | DENUMIREA DISCIPLINEI | Anul : IV | | | | | | | | Forma de verificare | Nr.ore/disciplina | | | | Credite/sem | | Disciplina | | | |
|----------|--|---------------|---|---|---|---------------|---|---|---|---------------------|-------------------|------|-----|-------|-------------|-----|------------|-----|-----|-----|
| | | SEM 1 14 sapt | | | | SEM 2 14 sapt | | | | | E | C | V | Total | C | Apl | St. ind | 1 | 2 | cat |
| | | C | S | L | P | PR | C | S | L | P | | | | | | | | | | |
| 48.00 | Managementul resurselor umane | 2 | 2 | 0 | 0 | 0 | | | | | Nota | 125 | 28 | 28 | 69 | 5.0 | | DID | DI | |
| 49.00 | Bazele juridice ale managementului organizatiilor economice | 2 | 2 | 0 | 0 | 0 | | | | | Nota | 125 | 28 | 28 | 69 | 5.0 | | DID | DI | |
| 50.00 | Utilizarea Internet-ului in afaceri | 2 | 0 | 1 | 0 | 0 | | | | | Nota | 100 | 28 | 14 | 58 | 4.0 | | DS | DI | |
| 51.00 | Managementul energiei | 2 | 0 | 2 | 1 | 0 | | | | | Nota | 125 | 28 | 42 | 55 | 5.0 | | DS | DI | |
| 52.00 | Burse de marfuri si valori | 2 | 1 | 0 | 0 | 0 | | | | | Nota | 75 | 28 | 14 | 33 | 3.0 | | DS | DI | |
| 53.10 | Instrumente CAD | 2 | 0 | 2 | 0 | 0 | | | | | Nota | 100 | 28 | 28 | 44 | 4.0 | | DS | DO | |
| 53.20 | Procesarea semnalelor de masurare | 2 | 0 | 2 | 0 | 0 | | | | | Nota | 100 | 28 | 28 | 44 | 4.0 | | DS | DO | |
| 53.30 | Sisteme inteligente in ingineria electrica | 2 | 0 | 2 | 0 | 0 | | | | | Nota | 100 | 28 | 28 | 44 | 4.0 | | DS | DO | |
| 53.40 | Mentenanata sistemelor industriale | 2 | 0 | 2 | 0 | 0 | | | | | Nota | 100 | 28 | 28 | 44 | 4.0 | | DS | DO | |
| 53.50 | Sisteme SCADA | 2 | 0 | 2 | 0 | 0 | | | | | Nota | 100 | 28 | 28 | 44 | 4.0 | | DS | DO | |
| 53.60 | Sisteme informatice (SAP, Arena) pentru gestionarea proceselor ingineresti | 2 | 0 | 2 | 0 | 0 | | | | | Nota | 100 | 28 | 28 | 44 | 4.0 | | DS | DO | |
| 53.70 | Modelarea sistemelor biologice | 2 | 0 | 2 | 0 | 0 | | | | | Nota | 100 | 28 | 28 | 44 | 4.0 | | DS | DO | |
| 54.10 | Managementul ciclului de viata al produsului | 2 | 0 | 1 | 1 | 0 | | | | | Nota | 100 | 28 | 28 | 44 | 4.0 | | DS | DO | |
| 54.20 | Managementul conflictelor si negocieri in afaceri | 2 | 0 | 1 | 1 | 0 | | | | | Nota | 100 | 28 | 28 | 44 | 4.0 | | DS | DO | |
| 55.00 | Control si audit economico-financiar | | | | | | 2 | 2 | 0 | 0 | 0 | Nota | 125 | 28 | 28 | 69 | 5.0 | | DS | DI |
| 56.10 | Legislatie economica | | | | | | 2 | 0 | 2 | 0 | 0 | Nota | 125 | 28 | 28 | 69 | 5.0 | | DID | DO |
| 56.20 | Legislatia muncii | | | | | | 2 | 0 | 2 | 0 | 0 | Nota | 125 | 28 | 28 | 69 | 5.0 | | DID | DO |
| 57.10 | Dezvoltarea stiintelor ingineresti si globalizarea tehnologica | | | | | | 2 | 0 | 2 | 0 | 0 | Nota | 125 | 28 | 28 | 69 | 5.0 | | DS | DO |
| 57.20 | Proiectarea si conducerea asistata a sistemelor electrice | | | | | | 2 | 0 | 2 | 0 | 0 | Nota | 125 | 28 | 28 | 69 | 5.0 | | DS | DO |
| 58.10 | Tehnici inteligente de eficienta energetica in cladiri | | | | | | 2 | 0 | 2 | 0 | 0 | Nota | 125 | 28 | 28 | 69 | 5.0 | | DS | DO |
| 58.20 | Monitorizarea proceselor industriale | | | | | | 2 | 0 | 2 | 0 | 0 | Nota | 125 | 28 | 28 | 69 | 5.0 | | DS | DO |
| 58.30 | Sisteme electronice automotive | | | | | | 2 | 0 | 2 | 0 | 0 | Nota | 125 | 28 | 28 | 69 | 5.0 | | DS | DO |
| 58.40 | Logistica industrială | | | | | | 2 | 0 | 2 | 0 | 0 | Nota | 125 | 28 | 28 | 69 | 5.0 | | DS | DO |
| 58.50 | Tehnologii SmartGrid | | | | | | 2 | 0 | 2 | 0 | 0 | Nota | 125 | 28 | 28 | 69 | 5.0 | | DS | DO |

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|----------|--|----|---|---|---|---|---|---|---|---|---|------|-----|----|----|------|------|-----|-----|------|------|--|
| 58.60 | Managementul mediului | | | | | 2 | 0 | 2 | 0 | 0 | | Nota | 125 | 28 | 28 | 69 | 5.0 | DS | DO | | | |
| 58.70 | Aplicatii ale inteligentei artificiale in ingineria medicala | | | | | 2 | 0 | 2 | 0 | 0 | | Nota | 125 | 28 | 28 | 69 | 5.0 | DS | DO | | | |
| 59.10 | Comunicare si tehnici de prezentare | | | | | 1 | 0 | 0 | 0 | 0 | | Nota | 25 | 14 | 0 | 11 | 1.0 | DC | DO | | | |
| 59.20 | Etica si integritate academica | | | | | 1 | 0 | 0 | 0 | 0 | | Nota | 25 | 14 | 0 | 11 | 1.0 | DC | DO | | | |
| 60.00 | Elaborarea proiectului de diploma | | | | | 0 | 0 | 0 | 4 | 0 | | A/R | 100 | 0 | 56 | 44 | 4.0 | DS | DI | | | |
| 61.00 | Practica pentru elaborarea proiectului de diploma | | | | | 0 | 0 | 0 | 0 | 5 | | A/R | 125 | 0 | 70 | 55 | 5.0 | DS | DI | | | |
| 62.00 | Sustinere lucrare de diploma | | | | | 0 | 0 | 0 | 0 | 0 | | Nota | 0 | 0 | 0 | 0 | 10.0 | DS | DI | | | |
| TOTAL AN | | 14 | 5 | 6 | 2 | 0 | 9 | 2 | 6 | 4 | 5 | sem1 | 5 | 2 | 0 | 1500 | 322 | 420 | 758 | 30.0 | 30.0 | |
| | | | | | | | | | | | | sem2 | 1 | 4 | 2 | | | | | | + 10 | |

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|----------|---------------|---|---|---|---|---|---|---|---|---|---|------|----|---|----|-----|-----|----|------|-----|-----|--|
| 307.00 | Voluntariat 7 | | | | | 0 | 1 | 0 | 0 | 0 | | A/R | 50 | 0 | 14 | 36 | 2.0 | DC | Dfac | | | |
| 308.00 | Voluntariat 8 | | | | | 0 | 1 | 0 | 0 | 0 | | A/R | 50 | 0 | 14 | 36 | 2.0 | DC | Dfac | | | |
| TOTAL AN | | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | sem1 | 0 | 0 | 1 | 100 | 0 | 28 | 72 | 2.0 | 2.0 | |
| | | | | | | | | | | | | sem2 | 0 | 0 | 1 | | | | | | | |

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