

|                                                                                     |   |   |   |   |   |   |      |     |    |    |    |      |     |      |    |    |     |    |      |
|-------------------------------------------------------------------------------------|---|---|---|---|---|---|------|-----|----|----|----|------|-----|------|----|----|-----|----|------|
| 101.00 Limbi moderne 1 (Engl. Franc. Germ. 1)                                       | 2 | 0 | 0 | 0 | 0 |   | Nota | 50  | 28 | 0  | 22 | 2.0  | DC  | Dfac |    |    |     |    |      |
| 201.00 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 Limbi moderne 2 (Engl. Franc. Germ. 2)                                       |   |   |   |   |   | 2 | 2    | 0   | 0  | 0  |    | Nota | 100 | 28   | 28 | 44 | 4.0 | DC | Dfac |
| 202.00 Pedagogie I (Fundamentele pedagogiei, Teoria si metodologia curriculum-ului) |   |   |   |   |   | 2 | 2    | 0   | 0  | 0  |    | Nota | 125 | 28   | 28 | 69 | 5.0 | DC | Dfac |
| 302.00 Voluntariat 2                                                                |   |   |   |   |   | 0 | 1    | 0   | 0  | 0  |    | A/R  | 50  | 0    | 14 | 36 | 2.0 | DC | Dfac |

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**UNIVERSITATEA TEHNICA CLUJ-NAPOCA**

FACULTATE FACULTATEA DE INGINERIE

Listat la : 24/09/2025

DOMENIU INGINERIA MEDIULUI

**SPECIALIZARE INGINERIA SI PROTECTIA MEDIULUI IN INDUSTRIE**

**Nivel de studii**    **LICENTA**

## PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR

2025-2026

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|          |   |   |      |   |   |   |   |      |   |   |      |   |   |   |            |     |     |     |     |      |  |
|----------|---|---|------|---|---|---|---|------|---|---|------|---|---|---|------------|-----|-----|-----|-----|------|--|
| TOTAL AN | 4 | 3 | 0    | 0 | 0 | 4 | 5 | 0    | 0 | 0 | sem1 | 1 | 1 | 1 | <b>500</b> | 112 | 112 | 276 | 9.0 | 11.0 |  |
|          |   |   | 7.00 |   |   |   |   | 9.00 |   |   | sem2 | 1 | 1 | 1 |            |     |     |     |     |      |  |

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|                                                                                         |   |   |   |   |   |  |      |     |    |    |    |     |    |      |
|-----------------------------------------------------------------------------------------|---|---|---|---|---|--|------|-----|----|----|----|-----|----|------|
| 103.00 Limbi moderne 3 (Engl. Franc. Germ. 3)                                           | 0 | 2 | 0 | 0 | 0 |  | Nota | 50  | 0  | 28 | 22 | 2.0 | DC | Dfac |
| 104.00 Educatie fizica si sport 3                                                       | 0 | 1 | 0 | 0 | 0 |  | A/R  | 25  | 0  | 14 | 11 | 1.0 | DC | Dfac |
| 203.00 Pedagogie II (Teoria si metodologia instruirii, Teoria si metodologia evaluarii) | 2 | 2 | 0 | 0 | 0 |  | Nota | 125 | 28 | 28 | 69 | 5.0 | DC | Dfac |
| 303.00 Voluntariat 3                                                                    | 0 | 1 | 0 | 0 | 0 |  | A/R  | 50  | 0  | 14 | 36 | 2.0 | DC | Dfac |

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S. I. dr. ing. Jozsef Juhasz**

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|                                               |           |   |   |   |   |   |                          |     |    |     |     |           |    |      |
|-----------------------------------------------|-----------|---|---|---|---|---|--------------------------|-----|----|-----|-----|-----------|----|------|
| 105.00 Limbi moderne 4 (Engl. Franc. Germ. 4) |           | 0 | 2 | 0 | 0 | 0 | Nota                     | 50  | 0  | 28  | 22  | 2.0       | DC | Dfac |
| 106.00 Educatie fizica si sport 4             |           | 0 | 1 | 0 | 0 | 0 | A/R                      | 25  | 0  | 14  | 11  | 1.0       | DC | Dfac |
| 204.00 Didactica specializarii                |           | 2 | 2 | 0 | 0 | 0 | Nota                     | 125 | 28 | 28  | 69  | 5.0       | DC | Dfac |
| 304.00 Voluntariat 4                          |           | 0 | 1 | 0 | 0 | 0 | A/R                      | 50  | 0  | 14  | 36  | 2.0       | DC | Dfac |
| TOTAL AN                                      | 2 6 0 0 0 | 2 | 6 | 0 | 0 | 0 | sem1 1 1 2<br>sem2 1 1 2 | 500 | 56 | 168 | 276 | 10.0 10.0 |    |      |

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| CODUL SI<br>DENUMIREA DISCIPLINEI                                            | Anul : III    |   |   |   |    |               |   |   |   |    | Forma de verificare<br>E C V | Nr.ore/disciplina |     |     |            | Credite/sem |      | Disciplina |     |
|------------------------------------------------------------------------------|---------------|---|---|---|----|---------------|---|---|---|----|------------------------------|-------------------|-----|-----|------------|-------------|------|------------|-----|
|                                                                              | SEM 1 14 sapt |   |   |   |    | SEM 2 14 sapt |   |   |   |    |                              | Total             | C   | Apl | St.<br>ind | 1           | 2    | cat        | tip |
|                                                                              | C             | S | L | P | PR | C             | S | L | P | PR |                              |                   |     |     |            |             |      |            |     |
| 34.00 Tehnologii de achizitie, monitorizare si diagnoza a calitatii mediului | 2             | 0 | 2 | 0 | 0  |               |   |   |   |    | Nota                         | 125               | 28  | 28  | 69         | 5.0         |      | DID        | DI  |
| 35.00 Management ecologic 2                                                  | 3             | 0 | 2 | 0 | 0  |               |   |   |   |    | Nota                         | 125               | 42  | 28  | 55         | 5.0         |      | DID        | DI  |
| 36.00 Risc si securitate industriala                                         | 2             | 1 | 0 | 0 | 0  |               |   |   |   |    | Nota                         | 75                | 28  | 14  | 33         | 3.0         |      | DID        | DI  |
| 37.00 Sisteme informatice in ingineria mediului                              | 2             | 0 | 1 | 0 | 0  |               |   |   |   |    | Nota                         | 75                | 28  | 14  | 33         | 3.0         |      | DS         | DI  |
| 38.10 Ecologie industriala                                                   | 2             | 2 | 0 | 0 | 0  |               |   |   |   |    | Nota                         | 100               | 28  | 28  | 44         | 4.0         |      | DS         | DO  |
| 38.20 Proiectarea ecologica a produselor                                     | 2             | 2 | 0 | 0 | 0  |               |   |   |   |    | Nota                         | 100               | 28  | 28  | 44         | 4.0         |      | DS         | DO  |
| 39.10 Hidrologie si hidrogeologie                                            | 2             | 0 | 2 | 0 | 0  |               |   |   |   |    | Nota                         | 125               | 28  | 28  | 69         | 5.0         |      | DID        | DO  |
| 39.20 Metode fizico-chimice de analiza                                       | 2             | 0 | 2 | 0 | 0  |               |   |   |   |    | Nota                         | 125               | 28  | 28  | 69         | 5.0         |      | DID        | DO  |
| 40.00 Tehnologii si echipamente de tratare si epurare a apei 1               | 2             | 0 | 2 | 0 | 0  |               |   |   |   |    | Nota                         | 125               | 28  | 28  | 69         | 5.0         |      | DS         | DI  |
| 41.00 Tehnologii si echipamente de tratare si epurare a apei 2               |               |   |   |   |    | 2             | 0 | 1 | 1 | 0  | Nota                         | 100               | 28  | 28  | 44         | 4.0         |      | DS         | DI  |
| 42.00 Stiinta solului                                                        |               |   |   |   |    | 3             | 0 | 2 | 0 | 0  | Nota                         | 125               | 42  | 28  | 55         | 5.0         |      | DID        | DI  |
| 43.00 Managementul integrat al deseurilor                                    |               |   |   |   |    | 2             | 2 | 0 | 0 | 0  | Nota                         | 100               | 28  | 28  | 44         | 4.0         |      | DID        | DI  |
| 44.00 Managementul integrat al deseurilor - proiect                          |               |   |   |   |    | 0             | 0 | 0 | 2 | 0  | Nota                         | 50                | 0   | 28  | 22         | 2.0         |      | DID        | DI  |
| 45.00 Politici de mediu                                                      |               |   |   |   |    | 2             | 1 | 0 | 0 | 0  | Nota                         | 75                | 28  | 14  | 33         | 3.0         |      | DS         | DI  |
| 46.00 Tehnologii si echipamente de epurare a aerului 1                       |               |   |   |   |    | 2             | 0 | 2 | 0 | 0  | Nota                         | 100               | 28  | 28  | 44         | 4.0         |      | DS         | DI  |
| 47.10 Ecotoxicologie                                                         |               |   |   |   |    | 2             | 0 | 2 | 0 | 0  | Nota                         | 100               | 28  | 28  | 44         | 4.0         |      | DID        | DO  |
| 47.20 Biodegradarea si biodeteriorarea materialelor                          |               |   |   |   |    | 2             | 0 | 2 | 0 | 0  | Nota                         | 100               | 28  | 28  | 44         | 4.0         |      | DID        | DO  |
| 48.00 Practica de specialitate (3 saptamani) (3 sapt)                        |               |   |   |   |    | 0             | 0 | 0 | 0 | 30 | A/R                          | 100               | 0   | 90  | 10         | 4.0         |      | DS         | DI  |
| TOTAL AN                                                                     | 15            | 3 | 9 | 0 | 0  | 13            | 3 | 7 | 3 | 30 | sem1 5 2 0<br>sem2 4 3 1     | 1500              | 392 | 440 | 668        | 30.0        | 30.0 |            |     |

|                                                                           |   |   |   |   |   |   |   |   |   |   |      |    |    |    |    |     |  |    |      |
|---------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|------|----|----|----|----|-----|--|----|------|
| 205.00 Practica pedagogica de specialitate in invatamantul preuniversitar | 0 | 0 | 0 | 0 | 3 |   |   |   |   |   | Nota | 75 | 0  | 42 | 33 | 3.0 |  | DC | Dfac |
| 206.00 Instruire asistata de calculator                                   | 1 | 0 | 1 | 0 | 0 |   |   |   |   |   | Nota | 50 | 14 | 14 | 22 | 2.0 |  | DS | Dfac |
| 305.00 Voluntariat 5                                                      | 0 | 1 | 0 | 0 | 0 |   |   |   |   |   | A/R  | 50 | 0  | 14 | 36 | 2.0 |  | DC | Dfac |
| 207.00 Practica pedagogica de specialitate in invatamantul                |   |   |   |   |   | 0 | 0 | 0 | 0 | 3 | Nota | 50 | 0  | 36 | 14 | 2.0 |  | DS | Dfac |

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|                                                |   |   |   |      |   |   |   |      |      |   |      |    |    |     |     |    |      |     |     |     |  |
|------------------------------------------------|---|---|---|------|---|---|---|------|------|---|------|----|----|-----|-----|----|------|-----|-----|-----|--|
| preuniversitar (12 sapt)                       |   |   |   |      |   |   |   |      |      |   |      |    |    |     |     |    |      |     |     |     |  |
| 208.00 Managementul clasei de elevi            |   |   |   | 1    | 1 | 0 | 0 | 0    | Nota |   | 75   | 14 | 14 | 47  | 3.0 | DF | Dfac |     |     |     |  |
| 209.00 Examen de absolvire: nivelul I (2 sapt) |   |   |   | 0    | 0 | 0 | 0 | 0    | Nota |   | 125  | 0  | 0  | 125 | 5.0 | DS | Dfac |     |     |     |  |
| 306.00 Voluntariat 6                           |   |   |   | 0    | 1 | 0 | 0 | 0    | A/R  |   | 50   | 0  | 14 | 36  | 2.0 | DC | Dfac |     |     |     |  |
| TOTAL AN                                       | 1 | 1 | 1 | 0    | 3 | 1 | 2 | 0    | 0    | 3 | sem1 | 0  | 2  | 1   | 475 | 28 | 134  | 313 | 7.0 | 7.0 |  |
|                                                |   |   |   | 3.00 |   |   |   | 3.00 |      |   | sem2 | 1  | 1  | 1   |     |    |      |     | + 5 |     |  |

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|                      |   |   |   |   |   |   |     |    |   |    |    |     |    |      |    |    |     |    |      |
|----------------------|---|---|---|---|---|---|-----|----|---|----|----|-----|----|------|----|----|-----|----|------|
| B07.00 Voluntariat 7 | 0 | 1 | 0 | 0 | 0 |   | A/R | 50 | 0 | 14 | 36 | 2.0 | DC | Dfac |    |    |     |    |      |
| B08.00 Voluntariat 8 |   |   |   |   |   | 0 | 1   | 0  | 0 | 0  |    | A/R | 50 | 0    | 14 | 36 | 2.0 | DC | Dfac |

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## PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR

2025-2026

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|----------|---|---|------|---|---|---|------|---|---|---|---|------|---|---|---|-----|---|----|----|-----|-----|--|
| TOTAL AN | 0 | 1 | 0    | 0 | 0 | 0 | 1    | 0 | 0 | 0 | 0 | sem1 | 0 | 0 | 1 | 100 | 0 | 28 | 72 | 2.0 | 2.0 |  |
|          |   |   | 1.00 |   |   |   | 1.00 |   |   |   |   | sem2 | 0 | 0 | 1 |     |   |    |    |     |     |  |

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| Nivel de studii | LICENTA | PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR |     |     |     |     |         | 2025-2026 |                        |                |                         |
|-----------------|---------|--------------------------------------------|-----|-----|-----|-----|---------|-----------|------------------------|----------------|-------------------------|
|                 |         | C                                          | S   | L   | P   | PR  | Credite | Examene   | Colocvii si verificari | Total evaluari | Nr.examene/tot.evaluari |
| Anul I          |         | 420                                        | 98  | 210 | 0   | 0   | 60      | 7         | 9                      | 16             | 44 %                    |
| Anul II         |         | 448                                        | 28  | 294 | 0   | 90  | 60      | 9         | 8                      | 17             | 53 %                    |
| Anul III        |         | 392                                        | 84  | 224 | 42  | 90  | 60      | 9         | 6                      | 15             | 60 %                    |
| Anul IV         |         | 350                                        | 84  | 154 | 98  | 0   | 60      | 8         | 8                      | 16             | 50 %                    |
| TOTAL           |         | 1610                                       | 294 | 882 | 140 | 180 | 240     | 33        | 31                     | 64             | 52 %                    |

NUMAR ORE TOTAL        3106    DIN CARE        180.00    ORE PRACTICA

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