

## PLAN DE ÎNVĂȚĂMÂNT / CURRICULUM

## ANUL I/1st YEAR

| Nr. Crt.                                              | Disciplina<br>Subject                                                                                                                                      | Cod<br>Code | Semestrul 1/<br>1st Semester |   |   |   |    |    |                  | Semestrul 2/<br>2nd Semester |    |   |   |   |    |    | NOS/<br>sem      |               |                |  |  |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------|---|---|---|----|----|------------------|------------------------------|----|---|---|---|----|----|------------------|---------------|----------------|--|--|
|                                                       |                                                                                                                                                            |             | Al                           |   |   |   | A  | N  | Ver.<br>Eval.    | Cred.<br>Cred.               | Al |   |   |   | A  | N  |                  | Ver.<br>Eval. | Cred.<br>Cred. |  |  |
|                                                       |                                                                                                                                                            |             | C                            | S | L | P |    |    |                  |                              | C  | S | L | P |    |    |                  |               |                |  |  |
| No.                                                   |                                                                                                                                                            |             |                              |   |   |   |    |    |                  |                              |    |   |   |   |    |    |                  |               |                |  |  |
| 1.01                                                  | Managementul forajului /<br>Management of drilling                                                                                                         | IMGN.101.IO | 1                            | 2 | 0 | 0 | 0  | 4  | Examen           | 6                            |    |   |   |   |    |    |                  |               | 108            |  |  |
| 1.02                                                  | Materiale utilizate în transportul și distribuția gazelor naturale /<br>Materials used in the transportation and distribution of natural gases             | IMGN.102.IO | 2                            | 0 | 2 | 0 | 0  | 4  | Examen           | 6                            |    |   |   |   |    |    |                  |               | 94             |  |  |
| 1.03                                                  | Practică profesională /<br>Professional Activities                                                                                                         | IMGN.103.PO | 0                            | 0 | 0 | 0 | 12 | 0  | Calificativ      | 6                            |    |   |   |   |    |    |                  |               | 32             |  |  |
| 1.04                                                  | Ingineria înmagazinării subterane și comercializarea hidrocarburilor /<br>Engineering of underground storage and commercialisation of hydrocarbons         | IMGN.104.IA |                              |   |   |   |    |    |                  |                              |    |   |   |   |    |    |                  |               | 94             |  |  |
| 1.05                                                  | Eficiențizarea consumurilor energetice la consumatori /<br>Efficientisation of energy consumptions at the consumers                                        | IMGN.105.IA | 2                            | 0 | 2 | 0 | 0  | 3  | Examen           | 6                            |    |   |   |   |    |    |                  |               |                |  |  |
| 1.06                                                  | Management investițional /<br>Investment management                                                                                                        | IMGN.106.IA |                              |   |   |   |    |    |                  |                              |    |   |   |   |    |    |                  |               | 108            |  |  |
| 1.07                                                  | Simularea numerică a transportului hidrocarburilor /<br>Numerical simulation of hydrocarbons transportation                                                | IMGN.107.IA | 2                            | 0 | 0 | 1 | 0  | 3  | Examen           | 6                            |    |   |   |   |    |    |                  |               |                |  |  |
| 2.01                                                  | Calitatea gazelor naturale/<br>Quality of natural gases                                                                                                    | IMGN.201.IO |                              |   |   |   |    |    |                  |                              | 2  | 0 | 1 | 0 | 0  | 4  | Examen           | 6             | 108            |  |  |
| 2.02                                                  | Optimizarea factorului de recuperare a structurilor gazeifere /<br>Optimisation of the recovery factor of gas-bearing structures                           | IMGN.202.IO |                              |   |   |   |    |    |                  |                              | 1  | 0 | 0 | 1 | 0  | 2  | Examen           | 3             | 47             |  |  |
| 2.03                                                  | Evaluarea riscurilor și managementul securității și sănătății în muncă /<br>Risk assessment and occupational health and safety management                  | IMGN.203.IO |                              |   |   |   |    |    |                  |                              | 1  | 0 | 0 | 1 | 0  | 2  | Examen           | 3             | 47             |  |  |
| 2.04                                                  | Tehnologii specifice realizării rețelelor de transport gaze naturale /<br>Specific technologies for the realising of natural gases transportation networks | IMGN.204.IO |                              |   |   |   |    |    |                  |                              | 2  | 0 | 0 | 1 | 0  | 3  | Examen           | 6             | 108            |  |  |
| 2.05                                                  | Managementul proiectului /<br>Project management                                                                                                           | IMGN.205.IO |                              |   |   |   |    |    |                  |                              | 2  | 0 | 0 | 2 | 0  | 3  | Examen           | 6             | 94             |  |  |
| 2.06                                                  | Practică profesională /<br>Professional Activities                                                                                                         | IMGN.206.PO |                              |   |   |   |    |    |                  |                              | 0  | 0 | 0 | 0 | 12 | 0  | Calificativ      | 6             | 32             |  |  |
| TOTAL                                                 |                                                                                                                                                            |             | 7                            | 2 | 4 | 1 | 12 | 14 | 4E+0V+0C+0P+1A/R | 30                           | 8  | 0 | 1 | 5 | 12 | 14 | 5E+0V+0C+0P+1A/R | 30            | 872            |  |  |
| TOTAL ORE PE SĂPTĂMÂNĂ/<br>TOTAL NUMBER OF HOURS/WEEK |                                                                                                                                                            |             | 14                           |   |   |   | 12 |    | 14               |                              | 14 |   |   |   | 12 |    | 14               |               |                |  |  |
|                                                       |                                                                                                                                                            |             | 26                           |   |   |   | 14 |    |                  |                              | 26 |   |   |   | 14 |    |                  |               |                |  |  |
|                                                       |                                                                                                                                                            |             | 40                           |   |   |   |    |    |                  |                              | 40 |   |   |   |    |    |                  |               |                |  |  |
| Discipline facultative/<br>Facultative subjects       |                                                                                                                                                            |             |                              |   |   |   |    |    |                  |                              |    |   |   |   |    |    |                  |               |                |  |  |
|                                                       |                                                                                                                                                            |             |                              |   |   |   |    |    |                  |                              |    |   |   |   |    |    |                  |               | 0              |  |  |
|                                                       |                                                                                                                                                            |             |                              |   |   |   |    |    |                  |                              |    |   |   |   |    |    |                  |               | 0              |  |  |
| TOTAL                                                 |                                                                                                                                                            |             | 0                            | 0 | 0 | 0 | 0  | 0  | 0E+0V+0C+0P+0A/R | 0                            | 0  | 0 | 0 | 0 | 0  | 0  | 0E+0V+0C+0P+0A/R | 0             | 0              |  |  |
| TOTAL ORE PE SĂPTĂMÂNĂ/<br>TOTAL NUMBER OF HOURS/WEEK |                                                                                                                                                            |             | 0                            |   |   |   | 0  |    | 0                |                              | 0  |   |   |   | 0  |    |                  |               |                |  |  |
|                                                       |                                                                                                                                                            |             | 0                            |   |   |   | 0  |    |                  |                              | 0  |   |   |   | 0  |    |                  |               |                |  |  |
|                                                       |                                                                                                                                                            |             | 0                            |   |   |   |    |    |                  |                              | 0  |   |   |   |    |    |                  |               |                |  |  |

Rector/Rector,  
Prof. [REDACTED] RADU

Decan/Dean,  
Prof.univ.dr.ing. Maria VINTAN

Director Departament/Head of Department,  
Prof.univ. [REDACTED] ESCU

## PLAN DE ÎNVĂȚĂMÂNT / CURRICULUM

## ANUL 2/ 2nd YEAR

| Nr.<br>Crt.<br><br>No.                                | Disciplina<br>Subject                                                                                                                         | Cod<br>Code               | Semestrul 1/<br>1st Semester |   |   |    |    |    | Semestrul 2/<br>2nd Semester |                |    |    |   |   | NOSI/<br>sem |    |                          |               |                |  |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------|---|---|----|----|----|------------------------------|----------------|----|----|---|---|--------------|----|--------------------------|---------------|----------------|--|
|                                                       |                                                                                                                                               |                           | AI                           |   |   |    | A  | N  | Ver.<br>Eval.                | Cred.<br>Cred. | AI |    |   |   |              | A  | N                        | Ver.<br>Eval. | Cred.<br>Cred. |  |
|                                                       |                                                                                                                                               |                           | C                            | S | L | P  |    |    |                              |                | C  | S  | L | P |              |    |                          |               |                |  |
| 3.01                                                  | Monitorizarea sistemelor de transport gaze naturale /<br>Monitoring of the natural gases transportation systems                               | IMGN.301.IO               | 2                            | 0 | 1 | 0  | 0  | 3  | Examen                       | 6              |    |    |   |   |              |    |                          |               | 108            |  |
| 3.02                                                  | Studii de impact și managementul riscului de mediu /<br>Environmental impact assessment and environmental risk                                | IMGN.302.IA               | 2                            | 2 | 0 | 0  | 0  | 3  | Examen                       | 6              |    |    |   |   |              |    |                          |               | 94             |  |
| 3.03                                                  | Mentenanța rețelelor de transport și distribuție gaze naturale /<br>Maintenance of the natural gases transportation and distribution networks | IMGN.303.IA               | 2                            | 0 | 1 | 0  | 0  | 3  | Examen                       | 6              |    |    |   |   |              |    |                          |               | 108            |  |
| 3.04                                                  | Etică și integritate academică /<br>Ethics and academic integrity                                                                             | IMGN.304.IO               | 0                            | 1 | 0 | 0  | 0  | 2  | Colocviu                     | 2              |    |    |   |   |              |    |                          |               | 36             |  |
| 3.05                                                  | Practică de cercetare /<br>Research activities                                                                                                | IMGN.305.IO               | 0                            | 0 | 0 | 0  | 12 | 0  | Calificativ                  | 4              |    |    |   |   |              |    |                          |               | 32             |  |
| 3.06                                                  | Politici și strategii în ingineria gazelor naturale /<br>Policies and strategies in natural gases engineering                                 | Optional 3<br>IMGN.306.IA | 1                            | 2 | 0 | 0  | 0  | 3  | Examen                       | 6              |    |    |   |   |              |    |                          |               | 108            |  |
| 3.07                                                  | Proiectarea sistemelor de transport gaze naturale /<br>Design of natural gases transportation systems                                         | IMGN.307.IA               |                              |   |   |    |    |    |                              |                |    |    |   |   |              |    |                          |               |                |  |
| 4.01                                                  | Elaborare disertație /<br>Working on Dissertation                                                                                             | IMGN.401.PO               |                              |   |   |    |    |    |                              |                | 0  | 0  | 0 | 0 | 6            | 14 | Calificativ              | 10            | 166            |  |
| 4.02                                                  | Practică de cercetare /<br>Research activities                                                                                                | IMGN.402.PO               |                              |   |   |    |    |    |                              |                | 0  | 0  | 0 | 0 | 10           | 0  | Calificativ              | 10            | 110            |  |
| 4.03                                                  | Practică pentru elaborarea lucrării de disertație /<br>Preparing the Dissertation Thesis                                                      | IMGN.403.PO               |                              |   |   |    |    |    |                              |                | 0  | 0  | 0 | 0 | 10           | 0  | Calificativ              | 10            | 110            |  |
| TOTAL                                                 |                                                                                                                                               |                           | 7                            | 5 | 2 | 0  | 12 | 14 | 4E+0V+<br>1C+0P+1<br>A/R     | 30             | 0  | 0  | 0 | 0 | 26           | 14 | 0E+0V+<br>0C+0P+3<br>A/R | 30            | 872            |  |
| TOTAL ORE PE SĂPTĂMÂNĂ/<br>TOTAL NUMBER OF HOURS/WEEK |                                                                                                                                               |                           | 14                           |   |   | 12 |    |    | 14                           |                |    | 0  |   |   | 26           |    |                          | 14            |                |  |
|                                                       |                                                                                                                                               |                           | 26                           |   |   | 14 |    |    |                              |                |    | 26 |   |   | 14           |    |                          |               |                |  |
|                                                       |                                                                                                                                               |                           | 40                           |   |   |    |    |    |                              |                |    | 40 |   |   |              |    |                          |               |                |  |
| 4.04                                                  | Susținerea disertației /<br>Public Presenting of Disertation                                                                                  | IMGN.404.PU               |                              |   |   |    |    |    |                              |                |    |    |   |   |              |    |                          | 10            | 0              |  |
| Discipline facultative/<br>Facultative subjects       |                                                                                                                                               |                           |                              |   |   |    |    |    |                              |                |    |    |   |   |              |    |                          |               |                |  |
|                                                       |                                                                                                                                               |                           |                              |   |   |    |    |    |                              |                |    |    |   |   |              |    |                          |               |                |  |
|                                                       |                                                                                                                                               |                           |                              |   |   |    |    |    |                              |                |    |    |   |   |              |    |                          |               |                |  |
|                                                       |                                                                                                                                               |                           |                              |   |   |    |    |    |                              |                |    |    |   |   |              |    |                          |               |                |  |
| TOTAL                                                 |                                                                                                                                               |                           | 0                            | 0 | 0 | 0  | 0  | 0  | 0E+0V+<br>0C+0P+0<br>A/R     | 0              | 0  | 0  | 0 | 0 | 0            | 0  | 0E+0V+<br>0C+0P+0<br>A/R | 0             | 0              |  |
| TOTAL ORE PE SĂPTĂMÂNĂ/<br>TOTAL NUMBER OF HOURS/WEEK |                                                                                                                                               |                           | 0                            |   |   | 0  |    |    | 0                            |                |    | 0  |   |   | 0            |    |                          |               |                |  |
|                                                       |                                                                                                                                               |                           | 0                            |   |   | 0  |    |    |                              |                |    | 0  |   |   | 0            |    |                          |               |                |  |
|                                                       |                                                                                                                                               |                           | 0                            |   |   |    |    |    |                              |                |    | 0  |   |   |              |    |                          |               |                |  |

Rector/Rector,  
Prof.univ.dr. [Redacted]

Decan/Dean,  
Prof.univ.dr. [Redacted]

Direc[tor]/Head of Department,  
Prof.univ.dr. [Redacted]