

CURRICULUM **
Year of study II

| Code | Disciplines* | Type | Sem. III [hours / week] | | | | Total of hours / sem. | Type of Exami- nation | Cre- dits | IS [hours / sem.] | Condi- tioning |
|-----------|--|------|----------------------------|----------|----------|----------|-----------------------------|-----------------------------|--------------|-------------------------|-------------------|
| | | | C | S | L | P | | | | | |
| | OBLIGATORII IMPUSE | | | | | | | | | | |
| IEMI-0147 | Materials Resistance | DD | 2 | 1 | - | - | 42 | Ex | 4 | 58 | |
| IEMI-0088 | Automatic Control Theory | DD | 2 | 1 | - | - | 42 | Ex | 4 | 58 | |
| IEMI-0036 | Electrotechnics II | DD | 2 | 1 | 1 | - | 56 | Ex | 6 | 94 | |
| IEMI-0744 | Thermotechnics | DD | 3 | 1 | 2 | - | 84 | Ex | 7 | 91 | |
| IEMI-0159 | Applied informatics | FD | 2 | - | 2 | - | 56 | Vp | 4 | 44 | |
| IEMI-0008 | Technical English III | CD | - | 2 | - | - | 28 | Vp | 2 | 22 | |
| | TOTAL | | 11 | 6 | 5 | - | 308 | | 27 | 367 | |
| | OBLIGATORII OPD'Z'IONALE | | | | | | | | | | |
| IEMI-0335 | Special mathematics | FD | 2 | 2 | - | - | 56 | Vp | 3 | 19 | |
| IEMI-0756 | Probability theory and mathematical statistics | FD | 2 | 2 | - | - | 56 | Vp | 3 | 19 | |
| | TOTAL | | 2 | 2 | - | - | 56 | | 3 | 19 | |
| IEMI-0778 | Physical education and sports III | CD | - | 1 | - | - | 14 | A/R | 1 | 11 | |

| Code | Disciplines* | Type | Sem. IV [hours / week] | | | | Total of hours / sem. | Type of Exami- nation | Cre- dits | IS [hours / sem.] | Condi- tioning |
|-----------|--|------|---------------------------|----------|----------|----------|-----------------------------|-----------------------------|--------------|-------------------------|-------------------|
| | | | C | S | L | P | | | | | |
| | OBLIGATORII IMPUSE | | | | | | | | | | |
| IEMI-0111 | Heat and Mass Transfer | DD | 2 | 1 | 1 | - | 56 | Ex | 5 | 69 | |
| IEMI-0055 | Electric Machines and Actions I | DD | 2 | - | 2 | 1 | 70 | Ex | 5 | 55 | |
| IEMI-0097 | Fluid mechanics | DD | 3 | 2 | 1 | - | 84 | Ex | 5 | 41 | |
| IEMI-0856 | Software Packages for Energy Engineering | SD | 2 | - | 2 | - | 56 | Ex | 3 | 19 | |
| IEMI-0034 | Electronics | DD | 2 | - | 1 | - | 42 | Vp | 3 | 33 | |
| IEMI-0009 | Technical English IV | CD | - | 1 | - | - | 14 | Vp | 2 | 36 | |
| IEMI-0780 | Domain practice | DD | - | - | - | - | 90 | Cv | 4 | 10 | |
| | TOTAL | | 11 | 4 | 7 | 1 | 412 | | 27 | 263 | |
| | OBLIGATORII OPD'Z'IONALE | | | | | | | | | | |
| IEMI-0126 | General energetics and energy conversion | DD | 2 | 1 | - | - | 42 | Vp | 3 | 33 | |
| IEMI-0127 | Energy and Environment | DD | 2 | 1 | - | - | 42 | Vp | 3 | 33 | |
| | TOTAL | | 2 | 1 | - | - | 42 | | 3 | 33 | |
| IEMI-0779 | Physical education and sports IV | CD | - | 1 | - | - | 14 | A/R | 1 | 11 | |
| | FACULTATIVE | | | | | | | | | | |
| IEMI-0016 | Work Sociology and Psychology | CD | 2 | - | - | - | 28 | Vp | 2 | 22 | |

Legend: C - Course; S - Seminar; L - Practical (laboratory); P - Project; IS - Individual Study;
 GD - General Discipline; FD - Fundamental Discipline; SD - Specialized Discipline; CD - Complementary Discipline; FD - Field Discipline; DP - Practical Activities; UO - University Choice; DR - Disciplines relevant to the students' training in a certain field, available according to the options of the institution.
 Type of Examination - Verification Form, Ex. - examination; Cv. - Colloquium, Vp. - Continuous Assessment, Pr - Project; A/R- Passed/Failed; Credits - number of ECTS credits; IS - Individual study.

**Head of department ,
 Associate Professor Dr. Cristina HORA**

**RECTOR,
 Professor Dr. BUNGAU Constantin**

**DEAN,
 Associate Professor Dr.
 HORA Cristina Mirela**