

CURRICULUM **
Year of study I

| Code | Disciplines* | Type | Sem. I [hours / week] | | | | Total of hours / sem. | Type of Exami- nation | Cre- dits | IS [hours / sem.] | Condi- tioning |
|-----------|--|------|--------------------------|----------|----------|----------|-----------------------------|-----------------------------|--------------|----------------------------|-------------------|
| | | | C | S | L | P | | | | | |
| | OBLIGATORII IMPUSE | | | | | | | | | | |
| IEMI-0001 | Linear Algebra, Analytic and Differential Geometry | FD | 2 | 1 | - | - | 42 | Ex | 4 | 58 | |
| IEMI-0143 | Materials technology | DD | 2 | - | 1 | - | 42 | Ex | 4 | 58 | |
| IEMI-0005 | Chemistry | FD | 2 | - | 1 | - | 42 | Ex | 4 | 58 | |
| IEMI-0162 | Computers programming and programming languages I | FD | 2 | - | 2 | - | 56 | Vp | 5 | 69 | |
| IEMI-0145 | Mechanics | DD | 2 | - | 1 | - | 42 | Ex | 3 | 33 | |
| IEMI-0118 | Computer aided design I | FD | 2 | - | 2 | - | 56 | Vp | 5 | 69 | |
| IEMI-0006 | Technical English I | CD | - | 2 | - | - | 28 | Vp | 2 | 22 | |
| | TOTAL | | 12 | 3 | 7 | - | 308 | | 27 | 367 | |
| | OBLIGATORII OPȚIONALE | | | | | | | | | | |
| IEMI-0220 | Communication | CD | 2 | 1 | - | - | 42 | Vp | 3 | 33 | |
| IEMI-0788 | Academic Ethics and Integrity | CD | 2 | 1 | - | - | 42 | Vp | 3 | 33 | |
| | TOTAL | | 2 | 1 | - | - | 42 | | 3 | 33 | |
| IEMI-0776 | Physical education and sports I | CD | - | 1 | - | - | 14 | A/R | 1 | 11 | |

| Code | Disciplines* | Type | Sem. II [hours / week] | | | | Total of hours / sem. | Type of Exami- nation | Cre- dits | IS [hours / sem.] | Condi- tioning |
|-----------|--|------|---------------------------|----------|----------|----------|-----------------------------|-----------------------------|--------------|----------------------------|-------------------|
| | | | C | S | L | P | | | | | |
| | OBLIGATORII IMPUSE | | | | | | | | | | |
| IEMI-0334 | Mathematical analysis | FD | 2 | 1 | - | - | 42 | Ex | 4 | 58 | |
| IEMI-0167 | Numeric Methods | FD | 2 | 2 | - | - | 56 | Ex | 5 | 69 | |
| IEMI-0163 | Computers programming and programming languages II | FD | 1 | - | 2 | - | 42 | Vp | 4 | 58 | |
| IEMI-0004 | Physics | FD | 2 | 1 | - | - | 42 | Ex | 3 | 33 | |
| IEMI-0035 | Electrotechnics I | DD | 2 | 1 | 1 | - | 56 | Ex | 5 | 69 | |
| IEMI-0119 | Computer aided design II | FD | 2 | - | 2 | - | 56 | Vp | 4 | 44 | |
| IEMI-0007 | Technical English II | CD | - | 1 | - | - | 14 | Vp | 2 | 36 | |
| | TOTAL | | 11 | 6 | 5 | - | 308 | | 27 | 367 | |
| | OBLIGATORII OPȚIONALE | | | | | | | | | | |
| IEMI-0272 | General Economy | CD | 2 | 2 | - | - | 56 | Vp | 3 | 19 | |
| IEMI-0765 | Environment protection | CD | 2 | 2 | - | - | 56 | Vp | 3 | 19 | |
| | TOTAL | | 2 | 2 | - | - | 56 | | 3 | 19 | |
| IEMI-0777 | Physical education and sports II | CD | - | 1 | - | - | 14 | A/R | 2 | 36 | |
| | FACULTATIVE | | | | | | | | | | |
| IEMI-0753 | History of Civilization and Science | CD | 2 | 2 | - | - | 56 | Vp | 3 | 19 | |
| IEMI-0910 | Technological Practice | DD | - | - | - | - | 90 | Cv | 3 | 0 | |

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 ,
Lecturer Rancov Nicolae, PhD, Eng.**

**RECTOR,
Professor Dr. BUNGĂU Constantin**

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