

CURRICULUM **
Year of study III

Code	Disciplines*	Type	Sem. V [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
OBLIGATORII IMPUSE											
IEMI-0228	Electrical and Electronic Measurement	DD	3	-	2	-	70	Ex	5	55	
IEMI-0056	Electric Machines and Actions II	DD	2	-	2	-	56	Ex	5	69	
IEMI-0102	Thermal Equipment and Installations I	DD	2	-	1	1	56	Ex	4	44	
IEMI-0044	Electric Equipment	DD	2	-	2	-	56	Ex	5	69	
IEMI-0133	Renewable Sources of Energy	DD	2	-	1	-	42	Vp	4	58	
TOTAL			11	-	8	1	280		23	295	
OBLIGATORII OPȚIONALE											
PACHET 1											
IEMI-0152	Management	DD	2	1	-	-	42	Vp	3	33	
IEMI-0728	Artificial Intelligence Techniques in Power Engineering	DD	2	1	-	-	42	Vp	3	33	
PACHET 2											
IEMI-0098	Waters energy utilisation	DD	2	1	1	-	56	Vp	4	44	
IEMI-0253	Hydraulic Machinery	DD	2	1	1	-	56	Vp	4	44	
TOTAL			4	2	1	-	98		7	77	
FACULTATIVE											
IEMI-0797	Microprocessors in Energy Engineering	SD	2	-	2	-	56	Vp	3	19	

Code	Disciplines*	Type	Sem. VI [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
OBLIGATORII IMPUSE											
IEMI-0070	Electric and Thermal Energy Production	DD	3	1	1	-	70	Ex	4	30	
IEMI-0898	Electrical Systems of Power Plants and Substations I	DD	3	-	1	1	70	Ex	5	55	
IEMI-0039	Automation and Protection of Power Systems	SD	2	-	2	-	56	Ex	4	44	
IEMI-0090	Electric Energy Utilization	SD	3	-	2	-	70	Vp	5	55	
IEMI-0089	Electric Energy Transport and Distribution	DD	3	1	1	1	84	Ex	6	66	
IEMI-0067	Practice II	SD	-	-	-	-	90	Cv	4	10	
TOTAL			14	2	7	2	440		28	260	
OBLIGATORII OPȚIONALE											
IEMI-0792	Legislation and Tehnical Standards for Electrical Instalations	SD	2	-	-	-	28	Vp	2	22	
IEMI-0793	Law and Legislation in Energy Engineering	SD	2	-	-	-	28	Vp	2	22	
TOTAL			2	-	-	-	28		2	22	
FACULTATIVE											
IEMI-0813	Static Converters	SD	2	-	2	-	56	Vp	3	19	

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 departament ,
 Lecturer Rancov Nicolae, PhD, Eng.**

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