

**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					
<b>OBLIGATORII IMPUSE</b>											
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	
<b>TOTAL</b>			<b>11</b>	<b>-</b>	<b>8</b>	<b>1</b>	<b>280</b>		<b>23</b>	<b>295</b>	
<b>OBLIGATORII OPȚIONALE</b>											
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	
<b>TOTAL</b>			<b>4</b>	<b>2</b>	<b>1</b>	<b>-</b>	<b>98</b>		<b>7</b>	<b>77</b>	
<b>FACULTATIVE</b>											
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					
<b>OBLIGATORII IMPUSE</b>											
IEMI-0070	Electric and Thermal Energy Production	DD	3	1	1	-	70	Ex	4	30	
IEMI-0063	Electrical part of power plants and stations	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	
<b>TOTAL</b>			<b>14</b>	<b>2</b>	<b>7</b>	<b>2</b>	<b>440</b>		<b>28</b>	<b>260</b>	
<b>OBLIGATORII OPȚIONALE</b>											
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	
<b>TOTAL</b>			<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>28</b>		<b>2</b>	<b>22</b>	
<b>FACULTATIVE</b>											
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.

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