

**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	SD	3	-	1	-	56	Ex	5	69	
IEMI-0438	Quality management	DD	2	2	-	-	56	Ex	5	69	
IEMI-0757	Thermal Machines	DD	2	-	2	1	70	Ex	5	55	
IEMI-0056	Electric Machines and Actions II	DD	2	-	2	-	56	Ex	5	69	
IEMI-0044	Electric Equipment	SD	2	-	1	-	42	Vp	3	33	
<b>TOTAL</b>			<b>11</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>280</b>		<b>23</b>	<b>295</b>	
<b>OBLIGATORII OPȚIONALE</b>											
PACHET 1											
IEMI-0728	Artificial Intelligence Techniques in Power Engineering	SD	2	-	1	-	42	Vp	3	33	
IEMI-0133	Renewable Sources of Energy	SD	2	-	1	-	42	Vp	3	33	
PACHET 2											
IEMI-0758	Machine Tools	DD	2	-	2	-	56	Vp	4	44	
IEMI-0253	Hydraulic Machinery	DD	2	-	2	-	56	Vp	4	44	
<b>TOTAL</b>			<b>4</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>98</b>		<b>7</b>	<b>77</b>	
<b>FACULTATIVE</b>											
IEMI-0157	Data Bases	SD	2	-	2	-	56	Vp	3	19	
IEMI-0270	Electrochemistry and Corrosion	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-0063	Electrical part of power plants and stations	SD	3	-	1	1	70	Ex	5	55	
IEMI-0070	Electric and Thermal Energy Production	SD	3	2	1	-	84	Ex	5	41	
IEMI-0237	Geothermal Energy	SD	2	1	-	-	42	Ex	4	58	
IEMI-0759	Finit element Method	DD	2	2	-	-	56	Vp	4	44	
IEMI-0252	Ecology and the Environmental Protection	DD	2	2	2	-	84	Ex	5	41	
IEMI-0067	Practice II	SD	-	-	-	-	90	Cv	4	10	
<b>TOTAL</b>			<b>12</b>	<b>7</b>	<b>4</b>	<b>1</b>	<b>426</b>		<b>27</b>	<b>249</b>	
<b>OBLIGATORII OPȚIONALE</b>											
IEMI-0900	Photovoltaic Systems	SD	2	-	1	-	42	Vp	3	33	
IEMI-0901	Hydrogen Technology	SD	2	-	1	-	42	Vp	3	33	
<b>TOTAL</b>			<b>2</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>42</b>		<b>3</b>	<b>33</b>	
<b>FACULTATIVE</b>											
IEMI-0236	Solar Energy	SD	2	1	-	-	42	Vp	2	8	

**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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