

**CURRICULUM \*\***  
**Year of study IV**

Code	Disciplines*	Type	Sem. VII [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-0861	Polution Monitoring in Power Generation	SD	2	-	1	-	42	Ex	4	58	
IEMI-0862	Renewable Energy Sources Grid Integration, Interconnection and Operation	SD	2	1	-	1	56	Vp	4	44	
IEMI-0293	Electromagnetic Compatibility	SD	2	-	2	-	56	Ex	4	44	
IEMI-0046	Reliability of energy installations	DD	3	-	2	-	70	Ex	5	55	
IEMI-0863	Monitoring Systems in Power Industry	SD	2	-	1	-	42	Vp	4	58	
IEMI-0864	Optimization of Energy Processes	SD	3	-	2	-	70	Ex	5	55	
<b>TOTAL</b>			<b>14</b>	<b>1</b>	<b>8</b>	<b>1</b>	<b>336</b>		<b>26</b>	<b>314</b>	
<b>OBLIGATORII OPȚIONALE</b>											
IEMI-0866	Data Structures and Algorithms	SD	2	-	1	-	42	Vp	4	58	
IEMI-0889	SCADA Systems for the Management of Energy Processes	SD	2	-	1	-	42	Vp	4	58	
<b>TOTAL</b>			<b>2</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>42</b>		<b>4</b>	<b>58</b>	
<b>FACULTATIVE</b>											
IEMI-0867	Distributed Energy Systems	SD	2	-	2	-	56	Vp	2	0	
IEMI-0838	Numerical Systems for Management	SD	3	-	2	-	70	Vp	4	30	

Code	Disciplines*	Type	Sem. VIII [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-0082	Power Stations and Transformer Posts	SD	3	-	1	1	70	Ex	4	30	
IEMI-0868	Smart Grids	SD	2	-	2	2	84	Ex	4	16	
IEMI-0869	Hybrid Energy Systems	SD	2	-	2	-	56	Ex	4	44	
IEMI-0714	Preparing the Graduation Project	SD	-	-	-	4	56	Vp	4	44	
IEMI-0679	Practice for diploma	SD	-	-	-	-	60	Cv	10	190	
<b>TOTAL</b>			<b>7</b>	<b>-</b>	<b>5</b>	<b>7</b>	<b>326</b>		<b>26</b>	<b>324</b>	
<b>OBLIGATORII OPȚIONALE</b>											
IEMI-0870	Theory and Simulation of Power Systems	SD	2	1	-	-	42	Vp	4	58	
IEMI-0871	Expert Systems Applied in Energy Engineering	SD	2	1	-	-	42	Vp	4	58	
<b>TOTAL</b>			<b>2</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>42</b>		<b>4</b>	<b>58</b>	

**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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