

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					
OBLIGATORII IMPUSE											
IEMI-0861	Polution Monitoring in Power Generation	SD	2	-	1	-	42	Ex	4	58	
IEMI-0862	Renewable Energy Sources Grid Integretion, 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	Monitornng Systems in Power Industry	SD	2	-	1	-	42	Vp	4	58	
IEMI-0864	Optimization of Energy Processes	SD	3	-	2	-	70	Ex	5	55	
TOTAL			14	1	8	1	336		26	314	
OBLIGATORII OPTIIONALE											
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	
TOTAL			2	-	1	-	42		4	58	
FACULTATIVE											
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					
OBLIGATORII IMPUSE											
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	
TOTAL			7	-	5	7	326		26	324	
OBLIGATORII OPTIIONALE											
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	
TOTAL			2	1	-	-	42		4	58	

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.**

**RECTOR,
 Professor Dr. BUNGAU Constantin**

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