

# “GHEORGHE ASACHI” TECHNICAL UNIVERSITY OF IAȘI

FACULTY OF ELECTRICAL ENGINEERING

Domain: Power Engineering

Specialization: Management Energy-Environment

Graduate title: Master in Power Engineering

Length of studies: 2 years

Form of education: with frequency

## EDUCATIONAL PROGRAMME

### YEAR I

Nr. crt.	Course title	Course code UTI.EH.IM	Con- ditio- nings	1st Semester					2nd Semester												
				Hours No. /week./ course					V	K	Hours No. /week./ course					V	K				
				C	S	L	P	SI			C	S	L	P	SI						
<b>DA*</b>	101	Electromagnetic pollution	EN.MEM.101.DA.DI																		
	102	Distributed energy generation	EN.MEM.102.DA.DI																		
	103	Energetics of buildings	EN.MEM.103.DA.DI																		
	104	Equipment with programmable logic	EN.MEM.104.DA.DI																		
	105	Discrete event systems – modeling and simulation	EN.MEM.105.DA.DI																		
<b>DS**</b>	106	Clean technologies	EN.MEM.106.DA.DI	C1,C2																	
	107	General ecology	EN.MEM.107.DS.DI																		
	108	Industrial and environmental risk management	EN.MEM.108.DS.DI																		
	109	Project Management	EN.MEM.109.DS.DI																		
<b>DL</b>	110	Interpersonal and professional communication	EL.109.DC.DL																		
Total hours per week, total tests number per semester and total credits per semester, for DA and DS				10	1	3	1	25	3E 2C	30	7	1	3	4	25	3E 1C	30				
				15					25			15					25				

\*DA – focusing courses; \*\*DS – synthesis courses

Conditionings	Previous compulsory discipline	
	Naming	Code
C1	Electromagnetic pollution	EN.MEM.101.DA.DI
C2	Energetics of buildings	EN.MEM.103.DA.DI

**DEAN,**

*Prof.univ.dr.ing. Marinel Temneanu*

**RECTOR,**

*Prof.univ.dr.ing. Dan Cascaval*

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## EDUCATIONAL PROGRAMME

### YEAR II

Nr. crt.	Course title	Course code UTI.EH.IM	Con- ditio- nings	1st Semester						2nd Semester								
				Hours No. /week./ course					V	Hours No. /week./ course					C	S	C	S
				C	S	L	P	SI		C	S	L	P	SI				
<b>DA*</b>	201 Energy audit	EN.MEM.201.DA.DI		1		1	1	2	C	4								
	202 Waste management	EN.MEM.202.DS.DI	C1	2		1	1	3	E	5								
<b>DS**</b>	203 Energy market and energy policy	EN.MEM.203.DS.DI		2	1		1	3	E	5								
	204 Energy, society, environment	EN.MEM.204.DS.DI	C2,C3	2	1			2	C	4								
	206 Scientific research ***	EL.MEM.205.DS.DI					3	13	C	12								
	207 Research practice. Development of the dissertation project ****	EN.MEM.206.DS.DI									14h/week x14weeks	26	C	30				
Total hours per week, total tests number per semester and total credits per semester, for DA and DS				7	2	2	6	23	2E 3C	30	14	26	1C	30	7	2	2	
				17					23	14					26			

\*DA – focusing courses; \*\*DS – synthesis courses

\*\*\* One performs to the dissertation thesis advisor, who will do the evaluation.

\*\*\*\* One performs to the dissertation thesis advisor, who will do the evaluation. The condition for admission to the final dissertation examination is the fulfilling of all the 120 credits during schooling. Successfully defense of the dissertation thesis will bring another 10 credits.

Conditionings	Previous compulsory discipline	
	Naming	Code
C1	Energy audit	EN.MEM.201.DA.DI
C2	Clean technologies	EN.MEM.106.DA.DI
C3	General ecology	EN.MEM.107.DS.DI

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