"GHEORGHE ASACHI" TECHNICAL UNIVERSITY OF IAŞI
FACULTY OF ELECTRICAL ENGINEERING
Domain: Electrical Engineering
Specialization: Information systems for environmental monitoring
Graduate title: Master in Electrical 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		
DA*	101	Computer aided design of measurement systems	EL.SIMM.101.DA.DI		2			2	7	E	8							
	102	Introduction to virtual instrumentation	EL.SIMM.102.DS.DI		2		2		7	E	8							
	103	Automated measuring systems	EL.SIMM.103.DA.DI	C1								2		1	1	6	E	8
	104	Video systems for monitoring	EL.SIMM.104.DS.DI									2		2		6	C	7
DS**	105	Specific applications of signal processors	EL.SIMM.105.DA.DI									2			2	6	C	8
	106	Environmental Quality Management	EL.SIMM.106.DS.DI		2	1			6	E	7							
	107	Measuring and control instrumentation for environmental parameters	EL.SIMM.107.DS.DI	C1,C2	2		1		6	C	7							
	108	Environmental technologies and recyclability	EL.SIMM.108.DS.DI	C3								2	1			7	E	7
DL	109	Interpersonal and professional communication	EL.109.DC.DL		1	1				C	2							
		Total hours per week, total tests number per semester and total credits per semester, for DA and DS			8	1	3	2	26	3E 1C	**30**	8	1	3	3	25	2E 2C	**30**
					14				**26**			**15**				**25**		

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

Conditionings	Previous compulsory discipline	
	Naming	Code
C1	Computer aided design of measurement systems	EL.SIMM.101.DA.DI
C2	Specific applications of signal processors	EL.SIMM.105.DA.DI
C3	Environmental Quality Management	EL.SIMM.106.DS.DI

DEAN,
Prof.univ.dr.ing. Marinel Temneanu

RECTOR,
Prof.univ.dr.ing. Dan Cascaval

"GHEORGHE ASACHI" TECHNICAL UNIVERSITY OF IAŞI

FACULTY OF ELECTRICAL ENGINEERING
Domain: Electrical Engineering
Specialization: Information systems for environmental monitoring
Graduate title: Master in Electrical Engineering
Length of studies: 2 years
Form of education: with frequency

EDUCATIONAL PROGRAMME

YEAR II

	Nr. crt.	Course title	Course code UTI.EH.IM	Con-ditio-nings	**1st** Semester Hours No. /week./ course C	S	L	P	SI	V		**2nd** Semester Hours No. /week./ course C	S	L	P	SI		
DA*	201	Reconfigurable information systems	EL.SIMM.201.DA.DI		2		1	1	2	E	5							
	202	Measuring the electromagnetic surrounding	EL.SIMM.202.DA.DI		2		1		2	C	4							
DS**	203	Distributed monitoring systems	EL.SIMM.203.DS.DI	C1,C2	2		2		2	E	5							
	204	Project Management	EL.SIMM.204.DS.DI		2	2			2	E	4							
	205	Scientific research ***	EL.SIMM.205.DS.DI					4	13	C	12							
	206	Research practice. Development of the dissertation project ****	EL.SIMM.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			8	2	4	5	21	3E 2C	**30**						1C	**30**
					19				**21**			**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	Specific applications of signal processors	EL.SIMM.105.DA.DI
C2	Video systems for monitoring	EL.SIMM.104.DA.DI

DEAN,

Prof.univ.dr.ing. Marinel Temneanu

RECTOR,

Prof.univ.dr.ing. Dan Cascaval