

„GHEORGHE ASACHI” TECHNICAL UNIVERSITY OF IAȘI  
**FACULTY OF CHEMICAL ENGINEERING AND ENVIRONMENTAL PROTECTION**  
 Domaine: **Environmental Engineering**  
 Specialization: **ENVIRONMENTAL MANAGEMENT AND SUSTAINABLE ENERGY**  
 Title of graduated: Master in „Environmental Management and Sustainable Energy”  
 Period of studies : **2 years**  
 Learning program: **daily in english**

## CURRICULUM

### YEAR I, 2012 – 2013

No,	Discipline		Code	Prerequisites	1 <sup>st</sup> Semester						2 <sup>nd</sup> Semester							
					No.h/week/ discipline					Final evaluation	K	No.h/week/ discipline					Final evaluation	K
					C	S	L	P	C D			C	S	L	P	C D		
501	Policies and strategies for sustainable development (CH)		DA DI		2	1	-	-	-	C	5							
502	Optio- nal 1	Ecology and environmental protection (CH)	DA DO		2	-	1	-	-	E	6							
		Advanced water and air treatment technologies (CH)	DA DO															
503	Solid waste management (ETH)		DS DI		2	-	-	1	-	E	7							
504	Environmental assessments (impact, audit) (CH)		DA DI		2	-	-	2	-	E	7							
505	Environmental monitoring (CH+ETH)		DA DI		2	-	1	-	-	E	5							
506	Integrated environmental management (CH)		DA DI		-	-	-	-	-	-	-	2	-	-	2	-	E	7
507	Sustainable industrial production (CH)		DA DI		-	-	-	-	-	-	-	2	1	-	-	-	E	6
508	Sustainable energy production (ETH)		DS DI									2	-	1	-	-	E	6
509	ICT applications for environmental protection (HI)		DS DI									2	-	1	-	-	C	5
510	Optio- nal 2	Electromagnetic pollution (ETH)	DS DO									2	-	1	-	-	E	6
		Data acquisition and teletransmission (ETH)																
Total hours per week, total evaluations and credits on semester					10	1	2	3	-	4E 1C	3 0	10	1	2	3	-	4E 1C	3 0
					16							16						

**RECTOR,**

**Prof. Dr. Ing. Ion Giurma**

**DEAN,**

**Prof. Dr. Ing. Dan Cașcaval**

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## CURRICULUM

### YEAR II, 2013 – 2014

No,	Discipline	Code	Prerequisites	1 <sup>st</sup> Semester						2 <sup>nd</sup> Semester							
				No.h/week/ discipline					Final evaluation	K	No.h/week/ discipline					Final evaluation	K
				C	S	L	P	CD			C	S	L	P	C D		
601	Sustainable consumption and integrated product policies (CH)	DA DI		2	-	-	2	-	E	7							
602	Management of hydrotechnical and hydropower establishments (HI)	DS DI		2	-	-	1	-	E	6							
603	Optio- -nal 3 Research planning and project management (CH)	DA DO		2	1	-	-	-	C	5							
	Life Cycle Assessment and Environmental Performances (CH)																
604	Optio- -nal 4 GIS techniques (HI)	DS DO		2	-	1	-	-	E	6							
	Modeling and simulation of environmental processes (HI)	DS DO															
605	Industrial and ecological risk management (ETH+HI)	DS DI		2	-	-	1	-	E	6							
606	Scientific research for dissertation project (ETH+HI+CH)	DA DI		-	-	-	-	-	-	-				1 6	-	C	20
	Elaboration of the dissertation project															C	10
	Total hours per week, total evaluations and credits on semester			1 0	1	1	4	-	4 E 1 C	30	-	-	-	1 6	-		30
				16								16				2C	

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