

„GHEORGHE ASACHI” TECHNICAL UNIVERSITY OF IASI

“CRISTOFOR SIMIONESCU” FACULTY OF CHEMICAL ENGINEERING AND ENVIRONMENTAL PROTECTION

Domain: **Environmental Engineering**

Specialization: **ENVIRONMENTAL MANAGEMENT AND SUSTAINABLE ENERGY**

Title of graduated: Master of Science in „Environmental Management and Sustainable Energy”

Period of studies : **2 years**

Learning program: **Daily, in english**

CURRICULUM

Ist YEAR,

2017– 2018

No,	Discipline		Code	Prerequisites	1 st Semester						2 nd 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		DA DI		2	1	-	-	-	C	5							
502	Optio- nal 1	Ecology and environmental protection	DA DO		2	-	1	-	-	E	6							
		Advanced water and air treatment technologies	DA DO															
503	Solid waste management		DS DI		2	-	-	1	-	E	7							
504	Environmental assessments (impact, audit)		DA DI		2	-	-	2	-	E	7							
505	Environmental monitoring		DA DI		2	-	1	-	-	E	5							
506	Integrated environmental management		DA DI		-	-	-	-	-	-	-	2	-	-	2	-	E	7
507	Sustainable industrial production		DA DI		-	-	-	-	-	-	-	2	1	-	-	-	E	6
508	Sustainable energy production		DS DI									2		-	1	-	E	6
509	ICT applications for environmental protection		DS DI									2	-	1	-	-	C	5
510	Optio- nal 2	Electromagnetic pollution	DS DO									2	-	1	-	-	E	6
		Data aquisition and teletransmission																
	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. Dan Cașcaval

DECAN,

Prof. Dr. Ing. Nicolae Hurduc

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CURRICULUM

IInd YEAR,

2018 – 2019

No,	Discipline		Code	Prerequisites	1 st Semester						2 nd 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		DA DI		2	-	-	2	-	E	7							
602	Life cycle assessment		DS DI		2	-	-	2	-	E	6							
603	Optio- nal 3	Research planning and project management	DA DO		1	1	-	-	-	C	5							
		Ecodesign and product development																
604	Optio- nal 4	GIS techniques	DS DO		2	-	1	-	-	E	6							
		Modeling and simulation of environmental processes	DS DO															
605	Industrial and ecological risk management		DS DI		2	-	-	1	-	E	6							
606	Scientific research for the disertation project		DA DI		-	-	-	-	-	-	-				1 6	-	C	20
	Elaboration of the disertation project																C	10
		Total hours per week, total evaluations and credits on semester			9	1	1	5	-	4 E 1C	30	-	-	-	1 6	-		30
					16							16				2C		

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