

m154	– Industrial Waste Management	II	E	25	25	0	50	2,0	3,0	II	E	12	13	0	25	1,0	4,0	5
m253	– Industrial Wastewater Treatment	II	E	27	28	0	55	2,0	3,0	III	E	13	14	0	27	1,1	3,9	5
	<i>Elective subjects – one must be chosen:</i>																	
m033	– High temperature technologies for waste utilization	II	E	25	25	0	50	2,0	3,0	III	E	12	13	0	25	1,0	4,0	5
m205	– Environment and health risk	II	E	25	25	0	50	2,0	3,0	III	E	12	13	0	25	1,0	4,0	5
m057	– Ecological Tourism	II	E	25	25	0	50	2,0	3,0	III	E	12	13	0	25	1,0	4,0	5
	<i>Elective subjects – one must be chosen:</i>																	
m003	– Agroecology and Sustainable Agriculture	II	E	25	25	0	50	2,0	3,0	III	E	12	13	0	25	1,0	4,0	5
m043	– Combustion Processes and Ecology	II	E	25	25	0	50	2,0	3,0	III	E	12	13	0	25	1,0	4,0	5
m119	– Corrosion Processes and Environmental Protection	II	E	25	25	0	50	2,0	3,0	III	E	12	13	0	25	1,0	4,0	5
m140	Research Project II	II	Pr	0	45	0	45	1,5	1,5	III	Pr	0	22	0	22	1,0	2,0	3
	Hours per semester			142	198		340					69	99		168			29
	Internship (full-time/part-time studies) – 4 weeks / 2 weeks		Pr								Pr							8
	Diploma Thesis – 20 weeks	III	DT							IV	DT							15
	Total hours			282	398		680					138	198		336			82

Approved by:
Prof. Eng. M. Georgiev Ph.D.
Rector of UCTM

FACULTY OF CHEMICAL AND SYSTEM ENGINEERING

Speciality: ECOLOGY AND ENVIRONMENTAL PROTECTION

Professional qualification: environmental engineer, ecologist /According to the Bachelor Degree/

Subject code	SUBJECTS	FULL-TIME STUDIES								PART-TIME STUDIES							Total credits	
		Semester	Assessment	Course Loads				Credits	Credits of self-training	Semester	Assessment	Course Loads				Credits		Credits of self-training
				Teaching Loads								Teaching Loads						
				Lectures	Laboratory work	Seminars	Total					Lectures	Laboratory work	Seminars	Total			
I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	<i>Fundamental subjects: two from the optional block</i>	I	E	30	30	0	60	2,0	2,0	I	E	15	15	0	30	1,0	3,0	4

	<i>Compulsory subjects</i>																	
m113	– Computer Technologies in Environmental Protection	I	E	20	25	0	45	1,8	3,2	I	E	10	12	0	22	0,9	4,1	5
m252	– Treatment of industrial gases	I	E	25	25	0	50	2,0	4,0	II	E	12	13	0	25	1,0	5,0	6
	<i>Elective subjects – one must be chosen:</i>																	
m477	– Environmental Management	I	E	25	25	0	50	2,0	4,0	II	E	12	13	0	25	1,0	5,0	6
m060	– Ecological Indicators	I	E	25	25	0	50	2,0	4,0	II	E	12	13	0	25	1,0	5,0	6
m400	– Physical Pollution of the Environment	I	E	25	25	0	50	2,0	4,0	II	E	12	13	0	25	1,0	5,0	6
m139	Research Project I	I	-	0	45	0	45	1,5	1,5	II	-	0	22	0	22	1,0	2,0	3
	Hours per semester						250								124			24
	<i>Compulsory subjects</i>																	
m154	– Industrial Waste Management	II	E	25	25	0	50	2,0	3,0	II	E	12	13	0	25	1,0	4,0	5
m253	– Industrial Wastewater Treatment	II	E	27	28	0	55	2,0	3,0	III	E	13	14	0	27	1,1	3,9	5
	<i>Elective subjects – one must be chosen:</i>																	
m033	– High temperature technologies for waste utilization	II	E	25	25	0	50	2,0	3,0	III	E	12	13	0	25	1,0	4,0	5
m205	– Environment and health risk	II	E	25	25	0	50	2,0	3,0	III	E	12	13	0	25	1,0	4,0	5
m057	– Ecological Tourism	II	E	25	25	0	50	2,0	3,0	III	E	12	13	0	25	1,0	4,0	5
	<i>Elective subjects – one must be chosen:</i>																	
m003	– Agroecology and Sustainable Agriculture	II	E	25	25	0	50	2,0	3,0	III	E	12	13	0	25	1,0	4,0	5
m043	– Combustion Processes and Ecology	II	E	25	25	0	50	2,0	3,0	III	E	12	13	0	25	1,0	4,0	5
m119	– Corrosion Processes and Environmental Protection	II	E	25	25	0	50	2,0	3,0	III	E	12	13	0	25	1,0	4,0	5
m140	Research Project II	II	Pr	0	45	0	45	1,5	1,5	III	Pr	0	22	0	22	1,0	2,0	3
	Hours per semester						250								124			23
	Internship (full-time/part-time studies) – 4 weeks / 2 weeks		Pr								Pr							8
	Diploma Thesis – 20 weeks	III	DT							IV	DT							15
	Total hours			202	298		500					97	151		248			70