

CURRICULUM
FIELD: ENVIRONMENTAL SCIENCES
Master programme – ENVIRONMENTAL POLICIES FOR SUSTAINABLE DEVELOPMENT
Form of education – with frequency
Year I 2020-2021

No	Course name	Hours						Credits			Examination	
		Sem. 1			Sem. 2			Sem. 1	Sem. 2	Total	Sem.1	Sem.2
		C	S	LP	C	S	LP					
MANDATORY COURSES												
1	Fundamentals in establishing European and national policies and strategies	2	1	-	-	-	-	4	-	4	E	-
2	Evaluating the environmental impact of national and European policies and strategies	2		2	-	-	-	5	-	5	C	-
3	Environmental institutions and mechanism	1	2	-	-	-	-	5	-	5	E	-
4	Techniques for the elaboration of scientific documents	2	-	1	-	-	-	5	-	5	C	-
5	Policies for global climate changes and air quality	-	-	-	2	-	1	-	4	4	-	C
6	Transdisciplinary methods and applications in environmental and landscape analysis	-	-	-	2	-	1	-	4	4	-	E
7	Policies for biodiversity conservation	-	-	-	2	1	-	-	3	3	-	E
8	Spatial analyses for environmental planning	-	-	-	1	-	3	-	4	4	-	V
OPTIONAL COURSES												
1	Environmental career management	1	-	2	-	-	-	3	-	3	V	
	Strategies of promoting environmental education											
2	Environmental legislation	2	1	-	-	-	-	3	-	3	E	
	Legislation for public administration											
3	Aesthetics, patrimonial values and education in human settlements	-	-	-	1	-	1	-	3	3		E
	Participative methods for elaboration and implementation of environmental policies											
4	Evaluation of ecosystem services	-	-	-	2	2	-	-	3	3		V
	Economic analysis of environmental policies											
PRACTICE												
1	Professional practice – developing skills for using GIS techniques in monitoring environmental policies (4 hours/week=56 hours/semester)	-	-	4	-	-	-	5	-	5	V	-
2	Professional practices – developing skills for establishing and monitoring environmental policies (6 hours/week = 84 hours/semester)						6		6	6	-	V
3	Practice for the dissertation paper (28 hours/semester)						2		3	3	-	V
FACULTATIVE COURSES												
1	R in environmental statistics	1	-	3	-	-	-	3	-	3	V	-
2	English for specialists	-	-	2	-	-	-	2	2	2	V	V
3	Leadership and entrepreneurship in environmental protection	-	-	-	1	-	1	-	2	2	-	V
4	Facultative professional practice – methodology of monitoring the efficiency of public and private policies	-	-	2	-	-	2	2	2	4	V	V
5	Applications in urban ecology	-	-	2	-	-	2	2	2	4	V	V
6	Volunteering activities	-	-	2	-	-	2	2	2	4	V	V

Total (without facultative courses and practice)	10	4	5	10	3	6	30	30	60	3E, 2C, 2V	3 E, 1 E, 4 V
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UNIVERSITY OF BUCHAREST
FACULTY OF GEOGRAPHY

Dissertation exam - 30 credits

CURRICULUM
FIELD: ENVIRONMENTAL SCIENCES
Master programme – ENVIRONMENTAL POLICIES FOR SUSTAINABLE DEVELOPMENT
Form of education – with frequency
Year II

No	Course name	Hours						Credits			Examination	
		Sem. 1			Sem. 2			Sem. 1	Sem. 2	Total	Sem. 1	Sem. 2
		C	S	LP	C	S	LP					
MANDATORY COURSES												
1	Sustainable management of human settlements	2	1	1	-	-	-	5	-	5	E	-
2	European policies for transport and energy	1	-	2	-	-	-	5	-	5	C	-
3	Environmental standards and occupational health	1	-	2	-	-	-	4	-	4	E	-
4	Participatory GIS	1	-	3	-	-	-	5	-	5	V	-
5	Communicating environmental information and public participation	-	-	-	1	-	2	-	5	5	-	C
6	Environmental policies in public and private companies	-	-	-	1	2	-	-	5	5	-	E
7	Evaluating environmental sustainability	-	-	-	1	-	2	-	5	5	-	E
8	Environmental policies for waste and contaminated sites management	-	-	-	2	-	1	-	5	5	-	V
OPTIONAL COURSES												
1	Management of ecological fragile areas	1	2	-	-	-	-	3	-	3	V	-
	Financing systems of environmental policies											
2	Policies and rehabilitation strategies for degraded environments	1	2	-	-	-	-	3	-	3	E	-
	Environmental integration in agriculture, forestry and fisheries											
3	Environmental policies for water	-	-	-	1	-	2	-	3	3	-	E
	Monitoring of environmental policies											
PRACTICE												
1	Professional practice – environmental policies in public and private companies (4 hours/week = 56 hours/semester)	-	-	4	-	-	-	5	-	5	V	-
2	Practice for the dissertation paper (4 hours/week=56 hours/semester)	-	-	-	-	-	4	-	7	7	-	V
FACULTATIVE COURSES												
1	English for specialists	-	-	2	-	-	-	2	-	2	V	-
2	Environmental audit	2	-	2	-	-	-	4	-	4	E	-
3	Professional practice in European institutions	-	-	-	-	-	2	-	3	3	-	V
4	Professional practice - methodology of monitoring environmental politics in private institutions	-	-	2	-	-	-	2	-	2	V	V
5	Techniques for negotiation and communication	-	-	-	2	1	-	-	3	3	-	E
6	Volunteering activities	-	-	2	-	-	2	2	2	4	V	V
Total (without facultative courses and practice)		7	5	8	6	2	7	30	30	60	3E, 1C, 3V	3E, 1 C, 2 V