

1st year

Master Degree: Protection of environmental systems

Fall Semester									
Course	Time load/Semester (15 weeks)	Weekly Time load				Coeff.	Credits	Evaluation Mode	
		Lectures	DW	PW	Other			Continuous	Exam
Climatology of the environment	67h30	1h30	1h30	1h30	82h30	3	6	40%	60%
Environmental degradation and ecosystems	67h30	3h	1h30	-	82h30	3	6	40%	60%
Ecopedology and Environment	67h30	1h30	-	3h	82h30	3	6	40%	60%
Statistical analysis of data	60h	1h30	1h	1h30	65h	3	5	40%	60%
Sampling and experimentation	45h	1h30	-	1h30	55h	2	4	40%	60%
Renewable and non-renewable energies	45h	1h30	1h30	-	20h30	2	2	40%	60%
Communication	22h30	1h30	-	-	22h30	1	1		100%
Total	375h	12h	05h30	07h30	375h	17	30		

Spring Semester									
Course	Time load/Semester (15 weeks)	Weekly Time load				Coeff.	Credits	Evaluation Mode	
		Lectures	DW	PW	Others			Continuous	Exam
General ecotoxicology	67h30	1h30	-	3h	82h30	3	6	40%	60%
Waste management and treatment	45h	1h30	1h30	-	55h	2	4		
Ecological approach to territorial planning	45h	1h30	1h30	-	55h	2	4	40%	60%
Environmental rehabilitation techniques	45h	1h30	1h30	-	55h	2	4	40%	60%
Spatial analysis and remote sensing	67h30	1h30	-	3h	87h30	3	6	40%	60%
Hydrobiogeochemical cycles	37h30	1h30	-	1h	37h30	1	3	40%	60%
Environmental impact assessment (EIA)	45h	1h30	1h30	-	50h30	1	2	40%	60%
Legislation	22h30	1h30	-	-	22h30	1	1		100%
Total	375h	12h	06h	07h	375h	17	30		

2nd year

Course	Time load/Semester (15 weeks)	Weekly Time load				Coeff.	Credits	Evaluation Mode	
		Lectures	DW	PW	Others			Continuous	Exam
Management of protected areas	67h30	1h30	1h30	1h30	82h30	3	6	40%	60%
Applied ecotoxicology	67h30	1h30	1h30	1h30	82h30	3	6	40%	60%
Management and valorization of non-conventional resources	67h30	1h30	1h30	1h30	82h30	3	6	40%	60%
Applied geostatistics	67h30	1h30	-	3h	82h30	3	6	40%	60%
Instrumental analysis and good laboratory practices (GLP)	37h30	1h30	-	1h	37h30	2	4	40%	60%
Scientific English	45h	1h30	1h30	-	50h	2	2	40%	60%
Entrepreneurship	22h30	-	-	-	22h30	1	1		100%
Total	375h	12h	06h	08h30	375h	17	30		

Spring Semester			
	Time load	Coeff	Credits
Individual Work	450h	9	18
Internship	420h	5	9
Seminar	75h	2	2
Other (Research lab)	35h	1	1
Total	750h	15	30

Internship in a company culminating in a thesis and defense.