



STUDY PROGRAM A.Y. 2025/2026

**Italian Class LM-75 R - Sciences and Technologies for the Environment and the Territory
MASTER'S DEGREE COURSE IN "ENVIRONMENTAL HAZARD AND DISASTER RISK MANAGEMENT"**

	DISCIPLINA	Tipologia	SETTORE		CFU	Tot. Ore
	1st YEAR					
	<i>Integrated course: Energy and environmental sustainability</i>					
1	>Environmental sustainability	Caratt.	BIO/07	6	12	96
	>Renewables and innovative energy systems	Caratt.	ING-IND/11	6		
2	Chemical and industrial risk	Caratt.	CHIM/06		8	64
3	Biological and ecological risk	Caratt.	BIO/13		8	64
4	GIS for environmental hazard and disaster risk management	Caratt.	M-GGR/01		6	48
	Artificial intelligence for environmental management	Altro	INF/01		3	24
5	Environmental legislation and monitoring	Caratt.	CHIM/01		10	80
6	Geological risk	Caratt.	GEO/02		6	48
7	Climatic risk	Caratt.	GEO/12		6	48
	Elective professionalising activities	Altre			4	
			Totale CFU		63	
	2nd YEAR (activated A.Y. 26/27)					
8	Disaster risk reduction	Caratt.	M-GGR/01		7	56
	<i>Integrated course: Combined approaches to disaster management</i>					
9	>Disaster management	Caratt.	FIS/07	6	12	96
	>Disaster medicine	Aff.	MED/50	6		
10	Waste management and environmental remediation	Aff.	ING-IND/26		6	48
11	Nature conservation and management of protected areas	Caratt.	BIO/07		6	48
	Elective courses				8	
	Stage	Altre			4	
	Thesis				14	
			Totale CFU		57	
			Total		120	
12	Elective courses					
	Fire risk management and safety regulation (+)	D	ING-IND/11		4	32
	Environmental certifications and procedures (+)	D	ING-IND/26		4	32
	Elective professionalising activities					
	Environmental monitoring techniques (+)		CHIM/01		2	16
	Communication techniques (+)		M-GGR/01		2	16
	Emergency psychology		SPS/10		2	16
	Earthquake risk mitigation		ICAR/08		2	16
	Marine emergencies		BIO/07		2	16
	Disaster bioethics		IUS/20		2	16
	Grant proposals		IUS/14		2	16

* At least 4 CFU must be acquired attending one of the elective courses

(+) to be inserted in the career of students that didn't submit an individual study plan

** 4 CFU for "Other": additional educational activities chosen by the student among those listed as "Elective professionalising activities"

a) 1 credit= 8 hours. Together with the theoretical lectures, all courses must have at least 1 credit of laboratory session/field activity/project work

b) combined courses involve various courses with only one final examination

c) there are no compulsory prerequisite exams

d) the stage has to be carried out in structures outside DISVA for 100 hours



STATUTORY STUDY PLAN A.Y. 2025/2026

**Italian Class LM-75 R - Sciences and Technologies for the Environment and the Territory
MASTER'S DEGREE COURSE IN "ENVIRONMENTAL HAZARD AND DISASTER RISK MANAGEMENT"**

	DISCIPLINA	Tipologia	SETTORE		CFU	Tot. Ore
	1st YEAR					
	<i>Integrated course: Energy and environmental sustainability</i>					
1	>Environmental sustainability	Caratt.	BIO/07	6	12	96
	>Renewables and innovative energy systems	Caratt.	ING-IND/11	6		
2	Chemical and industrial risk	Caratt.	CHIM/06		8	64
3	Biological and ecological risk	Caratt.	BIO/13		8	64
4	GIS for environmental hazard and disaster risk management	Caratt.	M-GGR/01		6	48
	Artificial intelligence for environmental management	Altro	INF/01		3	24
5	Environmental legislation and monitoring	Caratt.	CHIM/01		10	80
6	Geological risk	Caratt.	GEO/02		6	48
7	Climatic risk	Caratt.	GEO/12		6	48
	Elective professionalising activities: Environmental monitoring techniques		CHIM/01		2	16
	Elective professionalising activities: Communication techniques		M-GGR/01		2	16
			Totale CFU		63	
	2nd YEAR (activated A.Y. 26/27)					
8	Disaster risk reduction	Caratt.	M-GGR/01		7	56
	<i>Integrated course: Combined approaches to disaster management</i>					
9	>Disaster management	Caratt.	FIS/07	6	12	96
	>Disaster medicine	Aff.	MED/50	6		
10	Waste management and environmental remediation	Aff.	ING-IND/26		6	48
11	Nature conservation and management of protected areas	Caratt.	BIO/07		6	48
	Elective courses: Fire risk management and safety regulation	D	ING-IND/11		4	32
	Elective courses: Environmental certifications and procedures	D	ING-IND/26		4	32
	Stage	Altre			4	
	Thesis				14	
			Totale CFU		57	
			Total		120	
12	Elective courses					

- a) 1 credit= 8 hours. Together with the theoretical lectures, all courses must have at least 1 credit of laboratory session/field activity/project work
b) combined courses involve various courses with only one final examination
c) there are no compulsory prerequisite exams
d) the stage has to be carried out in structures outside DiSVA for 100 hours