

Department of Chemical, Physical, Mathematical and Natural Sciences  
Academic Year 2026-2027  
Master Degree in  
**ENVIRONMENTAL CONSERVATION, RESTORATION AND SUSTAINABILITY**  
(Italian class LM-75)

The Master Degree in Environmental Conservation, Restoration and Sustainability (ECRS) aims to train the figure of the Naturalist expert in conservation, restoration and environmental sustainability, a master graduate with multidisciplinary skills, able to carry out and coordinate research activities that deal with the protection of natural systems and the recovery of degraded ones, designing conservation interventions that respect the principles of sustainability. It is organized into two curriculum: the Marine, taught in English, and the Terrestrial, taught in Italian. In both, the characteristics and problems related to the protection of natural systems and the recovery of degraded ones are addressed, designing conservation interventions that respect the principles of sustainability. Teaching activities include lectures, seminars, exercises, laboratories and field activities.

The career opportunities of the ECRS graduate can be found in various fields: public bodies responsible for land control; natural heritage management bodies; private professional firms, companies and consortia engaged in activities related to the analysis and evaluation of natural resources, reconstitution and restoration works, assessment of environmental impact and incidence, monitoring of natural and environmental resources, eco-balance, environmental certification; university departments or other public and private research institutions; structures that take care of teaching and dissemination of scientific culture; public and private schools. The ECRS graduate can access the state exam of the professional orders of Biologist, Geologist, Agronomist and Landscape Architect to carry out freelance professional activities.

### **Requirements**

Admission to the Master Degree in Environmental Conservation, Restoration and Sustainability (ECRS) is subject to possession of a three-year bachelor degree or a three-year university diploma, or another qualification obtained abroad (recognized) at the condition they have acquired at least 42 ECTS in scientific disciplinary sectors of the following areas:

- MATH, PHYS, CHEM, STAT, INFO (at least 18 ECTS) - BIOS, AGRI, CEAR, GEOS (at least 24 ECTS)

A knowledge of the English language at level B1 is also required, proven by a university course, a certification or verified through an interview.

### **Interview for admission**

L-32 graduates from the University of Sassari are exempt from the interview. All students who meet the admission requirements will undergo an orientation interview.

EU students can access the interview by completing a pre-registration form, following the instructions on the University website ([www.uniss.it](http://www.uniss.it)), and through the "Self Studenti uniss" portal, following the "Admissions Competitions" procedure. Those who have not yet obtained their bachelor graduation at the time of pre-registration must indicate that the qualification required for admission is "to be received." The pre-registration application can be submitted starting from the date established by the University. The admission interview will take place on September 11, 2026, at 9:30 a.m. in a blended format (at the Bionaturalistico Center at Via Piandanna 4, Sassari, and on the Teams platform at the link provided to the student). Any subsequent dates for the admission interview will be published on the Degree Programme website at the following link: <https://www.dcf.uniss.it/it/i-nostri-corsi/corsi-di-studio/environmental-conservation-restoration-and->

sustainability-scopri-di.

For non-EU students, whose registration is managed through the University platform (<https://www.university.it/studenti-stranieri>), an individual interview will be scheduled immediately after the application has been submitted. Students are advised to submit their degree program plan, including a list of completed courses in English and the corresponding number of credits (ECTS), to [cds\\_ambiente@uniss.it](mailto:cds_ambiente@uniss.it). A B1 level English certification is also required. Students should refer to the instructions in the document available at [https://www.dcf.uniss.it/sites/st05/files/2026-02/useful\\_info\\_ECRS%20future%20students-1.pdf](https://www.dcf.uniss.it/sites/st05/files/2026-02/useful_info_ECRS%20future%20students-1.pdf).

### **Enrollment**

Enrollment must be completed after the interview, according to the procedures established by the University (please see <https://www.uniss.it/en/teaching/student-services/guide-studenti/enrollment>).

### **Teaching activities**

The calendar of teaching activities with the timetable of lectures will be published by September 30, 2026 on the website of the Course of Studies: <https://www.dcf.uniss.it/it/i-nostri-corsi/corsi-di-studio/environmental-conservation-restoration-and-sustainability-scopri-di>.

Lectures are scheduled for October 1, 2026.

### **Traineeship (8ECTS=200 hours)**

During the course, the student will have to complete an internship either in companies in the sector, local authorities, protected areas or in the University laboratories. Traineeships abroad, in affiliated institutions and laboratories, are encouraged as part of international mobility programs. Internship credits can also be acquired by attending advanced English language courses and summer courses, masters, seminars, conferences, etc., relating to relevant topics held at the University of Sassari or another recognized university or structure, national or foreign, if previously authorized by the Degree Course Council and documented with appropriate certifications.

### **Elective courses (12 ECTS)**

For the 2026-2027 academic year, the following courses are activated: (first semester) Marine biodiversity of the Atlanto - Mediterranean Region (BIOS-03/A), Marine Chemistry (CHEM/03), GeoAI for Marine Ecology (CEAR-04/A); (second semester) Seagrass Restoration (BIOS-05/A), Applied Marine Mammal Ecology (BIOS-05/A), Laboratorio di Geoinformatica (GEOS-02/C), Laboratorio di Petrografia 2 (GEOS-01/B), Applicazioni GIS per la valutazione e gestione dei suoli (AGRI-06/C).

Students can also take elective exams by including courses offered by the University in their study plan.

### **Final exam**

The final exam consists in the writing of an original thesis of an experimental nature under the supervision of a professor and in its public discussion in front of the Master Degree Commission. The thesis can be written in Italian or English, at the student's discretion.

### **National and International mobility**

Students are encouraged to undertake training experiences in Italy and abroad through the mobility programmes: Erasmus Italiano, Erasmus+ SMS for study abroad (EU area), Erasmus+ SMT for internship abroad (EU area), Ulisse for study and internship abroad in non-EU areas (<https://www.dcf.uniss.it/it/internazionale>).

### **Disabilities**

A specific advisor will support all needs.

## Curriculum Marine - year I (a.a. 2026/2027)

AF Type	Disciplinary Sector (SSD)	INSEGNAMENTO/COURSE or ACTIVITY	ECTS	CFU		
				Lectures	Class practical activity	Field/Lab practical activity
<b>First semester</b>						
B	GEOS-02/B	<b>Sedimentology and Carbon Sink</b>	6	5		1
	GEOS-02/C	or <b>Rischio Geologico</b>	6	5		1
		<b>CI: Marine Conservation Biology</b>	<b>14</b>			
B	BIOS-05/A	Mod I: Global Change Marine Ecology	8	6		2
B	BIOS-14/A	Mod II: Conservation Genetics of Marine Fauna	6	5		1
C	CEAR-04/A	<b>Marine Geomatics</b>	6	3	2	1
<b>Second semester</b>						
C	BIOS-01/C	<b>Spatial Ecology: GIS and Remote Sensing Applications</b>	7	3	2	2
B	BIOS-03/A	<b>Fish and Fisheries</b>	6	4	2	
	BIOS-03/A	or <b>Conservazione e Gestione della fauna</b>	6	4		2
B	BIOS-05/A	<b>Marine Protection Monitoring and Restoration</b>	6	4	1	1
B	GEOS-02/B	<b>Seabed mapping</b>	6	3	2	1
<b>other activities</b>						
D		elective courses				

## Curriculum Marine - year II (a.a. 2027/2028)

AF Type	Disciplinary Sector (SSD)	INSEGNAMENTO/COURSE or ACTIVITY	ECTS	CFU		
				Lectures	Class practical activity	Field/Lab practical activity
<b>First semester</b>						
B	CHEM-02/A	<b>Energy and Environment</b>	6	4	1	1
	CHEM-02/A	or <b>Modellistica ambientale</b>	6	4	2	
B	BIOS-01/C	<b>Coastal Plant Diversity and Restoration</b>	6	4		2
B	AGRI-01/A	<b>Sustainable Management of Marine Resources</b>	6	5		1
B	STAT-01/B	<b>Data analysis in R</b>	6	2	4	
<b>other activities</b>						
F		<b>Traineeship</b>	<b>8</b>			
D		elective courses (since year I)	<b>12</b>			

E		Internship and thesis	25			
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### Elective courses (a.a. 2026/2027)

AF Type	Disciplinary Sector (SSD)	INSEGNAMENTO/COURSE or ACTIVITY	ECTS	CFU		
				Lectures	Class practical activity	Field/Lab practical activity
<b>First semester</b>						
D	BIOS-03/A	Marine biodiversity of the Atlanto - Mediterranean Region	3	3		
D	CEAR-04/A	GeoAI for marine ecology	3	1		2
D	CHEM-03/A	Marine Chemistry	3	3		
<b>Second semester</b>						
D	BIOS-05/A	Seagrass Restoration	3	1	1	1
D	BIOS-05/A	Applied Marine Mammal Ecology	3			3

1 ECTS = 8 hours of class activity

AF type: A = base; B = characterizing; C = integrative; D = elective; E = thesis; F = other activity

### Curriculum Terrestre - I anno (a.a. 2026/2027)

Tipo AF	SETTORE (SSD)	INSEGNAMENTO O ATTIVITÀ FORMATIVA	ECTS	CFU		
				Lez. Frontali	Es. Aula	LAB/Campo
<b>Primo Semestre</b>						
B	GEOS-02/C	Rischio geologico	6	5		1
	GEOS-02/B	oppure Sedimentology and Carbon Sink	6	5		1
B	GEOS-01/D	Mineralogia Ambientale	8	6	1	1
C	BIOS-03/A	Genetica della Conservazione della fauna	6	4	1	1
C	AGRI-02/A	Adattamento al cambiamento climatico	6	3	2	1
<b>Secondo Semestre</b>						
B	BIOS-03/A	Conservazione e Gestione della Fauna	6	4		2
	BIOS-03/A	oppure Fish and Fisheries	6	4		2
<b>CI: Conservazione e gestione della vegetazione</b>			<b>14</b>			
B	BIOS-01/B	Mod I: Monitoraggio e Restauro della Biodiversità vegetale	7	3	2	2
B	BIOS-01/C	Mod II: GIS e Telerilevamento per l'Analisi del Paesaggio Vegetale	8	3	2	3
B	BIOS-05/A	Ecologia e Gestione Sostenibile delle Risorse Idriche	6	4	1	1
<b>Altre Attività</b>						

D		Attività a scelta dello Studente				
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### Curriculum Terrestre - II anno (a.a. 2027/2028)

Tipo AF	SETTORE (SSD)	INSEGNAMENTO O ATTIVITÀ FORMATIVA	ECTS	CFU		
				Lez. Frontali	Es. Aula	LAB/Campo
<b>Primo Semestre</b>						
B	CHEM-02/A	<b>Modellistica Ambientale</b>	6	4	2	
	CHEM-02/A	<b>Energy and Environment</b>				
C		<b>Inglese</b>	4	2	2	
B	AGRI-06/B	<b>Elementi tossici del Suolo e Tecniche di Recupero</b>	6	4	1	1
B	STAT-01/B	<b>Fondamenti di R per Analisi di Dati</b>	6	2	4	
<b>Altre Attività</b>						
F		<b>Tirocinio</b>	8			
D		<b>Attività a scelta dello Studente</b>	12			
E		<b>Prova Finale</b>	25			

### Esami a scelta (a.a. 2026/2027)

Tipo AF	SETTORE (SSD)	INSEGNAMENTO O ATTIVITÀ FORMATIVA	ECTS	CFU		
				Lez. Frontali	Es. Aula	LAB/Campo
<b>Primo Semestre</b>						
<b>Secondo Semestre</b>						
D	GEOS-01/B	<b>Laboratorio di petrografia 2</b>	3			3
D	GEOS-02/C	<b>Laboratorio di Geoinformatica</b>	3	1		2
D	AGRI-06/C	<b>Applicazioni GIS per la valutazione e gestione dei suoli</b>	3	1	2	

1 ECTS = 8 hours of class activity

AF type: A = base; B = characterizing; C = integrative; D = elective; E = thesis; F = other activity