

## Admission requirements

Prospective students must hold a Bachelor (or equivalent) in Civil and Environmental Engineering or in Industrial Engineering or related subjects. Those who graduated from a different Bachelor's degree programme must have achieved at least 60 CFU in Mathematics, Physics, Computer Science, and Statistics fields as well as Civil and Environmental Engineering field and Earth and Environmental Sciences, Industrial and Environmental Engineering fields.

In addition, an English proficiency of level at least B2 is required.

## Informations:

[www.unive.it/degree/cmr15/enrol](http://www.unive.it/degree/cmr15/enrol)

## How to apply

All prospective students must request an evaluation of their credentials before starting the official enrolment procedure. Students with an **Italian qualification** have to fill out the requirements self-certification available at [www.unive.it/cdl/cmr15](http://www.unive.it/cdl/cmr15) > iscriversi / enrol  
Info: mail to [campus.scientifico@unive.it](mailto:campus.scientifico@unive.it)

Students with an **international qualification** can apply at <http://www.unive.it/evaluation>.

Info: mail to [welcome@unive.it](mailto:welcome@unive.it)

Non-EU citizens residing abroad have to apply as early as possible in order to obtain the Italian Student Visa.

The welcome page of Ca' Foscari contains useful information and several interesting videos for prospective international students [www.unive.it/english](http://www.unive.it/english)

Ca' Foscari offers facilities such as scholarships, student collaborations, bank loans, student-athlete and part-time student that allows you to pay subsidized tuition and double the ongoing duration of your studies: information at [www.unive.it](http://www.unive.it) > Services > Enrollment, fees and concessions

## Department of Environmental Sciences, Informatics and Statistics (DAIS)

### Scientific campus

Via Torino 155, 30172 Mestre  
(Venice, Italy)

[www.unive.it/dais](http://www.unive.it/dais)

ITA [www.unive.it/cdl/cmr15](http://www.unive.it/cdl/cmr15)

EN [www.unive.it/degree/cmr15](http://www.unive.it/degree/cmr15)



### Scientific campus secretariat

T 041 234.8519 / 8518 / 8534/  
8664

[campus.scientifico@unive.it](mailto:campus.scientifico@unive.it)

### DAIS Department secretariat

T 041 234.8974 / 7743 / 8698  
[didattica.dais@unive.it](mailto:didattica.dais@unive.it)

 [dais.cafoscari](https://www.instagram.com/dais.cafoscari)

  [ambiente.cafoscari](https://www.tiktok.com/@ambiente.cafoscari)



Ca' Foscari  
University  
of Venice

Department  
of Environmental  
Sciences, Informatics  
and Statistics

Master's degree in  
**Environmental  
Engineering  
for the Green  
Transition**



## ENVIRONMENTAL ENGINEERING FOR THE GREEN TRANSITION

Master's Degree - Laurea magistrale

Classification: LM-35 R (Environmental Engineering)

**Language:** English

### Programme

The Master's degree in Environmental Engineering for the Green Transition is designed to train engineers capable of tackling the ecological transition with a multidisciplinary and international approach. It offers a solid foundation in environmental engineering sciences and three thematic pathways exploring essential topics such as air quality and health, climate change, and environmental intelligence. Taught entirely in English, including workshops, internships, and research opportunities, the programme provides access to careers in both the public and private sectors, in Italy and internationally.

**Mode of delivery:** on campus.

All students will have access to the recorded lectures of the first semester of the first year, as well as to a substantial portion of recordings from other courses. Working students and other eligible categories will be granted full access to all recorded lectures or to equivalent dedicated learning materials.

### After graduation

- Work as an engineer in sustainability, both in Italy and internationally: this degree allows you to join companies, public authorities, and global organisations, taking on roles in environmental design, natural resource management, and high-level consultancy;
- Contribute to environmental technological innovation: expertise in digital twins, artificial intelligence, and environmental modelling will prepare you for a leading role in the green digital transformation;
- Research: This degree programme also prepares you for a PhD or other advanced research options, particularly in the field of climate change, in collaboration with centres of excellence.

### STUDY PLAN

Courses	ECTS	Year
<b>Mandatory courses</b>		
Hydrology	9	1
Remote Sensing	9	1
Wastewater Treatment Plants	9	1
Water Resources Engineering	9	1
Environmental Impacts Analysis	9	1
Environmental Geology	9	1
<b>Elective courses - 12 ECTS to choose from:</b>		
Advanced Programming with Data	6	1
Chemical Sensors for the Environmental Monitoring	6	1
Applied Ecology and European Environmental Directives	6	2
Bioelectronics	6	1
Double Materiality of Climate Change	6	1
One of the following paths:		
• <b>Environment and health</b>		
Sustainable Bioprocesses For Circularity	6	2
Indoor Environment Control And Health	6	2
Air Contaminants Monitoring and Modeling	12	2
• <b>Climate and risk</b>		
Climate Change: Climate Dynamics + Management and Risk Assessment	12	2
Adaptation and Mitigation Strategies	6	2
Urban and Building Resilience	6	2
• <b>Environmental Intelligence</b>		
Environmental Data Science	6	2
Advanced Tools: Digital Twins and Artificial Intelligence for Environmental Engineering	12	2
Environmental Data Presentation and Visualization	6	2
The study plan is completed by:		
Elective Courses - Activities to choose among Ca' Foscari University courses	12	1 or 2
Internship	6	2
Thesis	15	2

### HOW TO REACH US

#### Train

The nearest stops are "Venezia Mestre" and "Venezia Porto Marghera" at 20 and 10 minutes by walk. Info: [www.trenitalia.com](http://www.trenitalia.com)

#### Bus

From Mestre railway station or from Venice piazzale Roma with ACTV buses. Info: [www.actv.it](http://www.actv.it)

#### Bicycle

You can reach the campus through a cycle path connecting Porto Marghera railway station to Mestre's city centre. On-site, 100 bike parking spaces are available, as well as a bike sharing station (info: [www.actv.it](http://www.actv.it) > Mobility Services > bike sharing).

#### More info on the campus

[www.unive.it](http://www.unive.it) > ricerca sedi

