



Università
Ca' Foscari
Venezia



1-YEAR MASTER'S PROGRAMME
SCIENCE & MGT OF CLIMATE CHANGE



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Science and Management of Climate Change

Master
2024
2025

- » The Master of Research in Science and Management of Climate Change is aimed at preparing professional leaders capable of managing the complex and multi-faceted risks posed by climate change, as well as the opportunities that might arise



Visit the website



1-YEAR MASTER'S PROGRAMME

OVERALL STRUCTURE

Master students follow 6 mandatory courses during the 1st term, one of the two streams during the 2nd term, two of the optional courses and any lab they wish.

1ST TERM

FOUNDATIONS

1. Mathematical Modelling and Programming
2. Statistics
3. Programming & Machine Learning
4. Introduction to Climate Dynamics
5. Environmental and Climate Economics
6. Climate of the Past (optional)

2ND TERM / Stream 1

CLIMATE ECONOMICS AND FINANCE

1. CGE and IAM of Climate Change Impacts & Policies
2. Applied Environmental Economics and Policy Evaluation
3. Domestic and International Climate Policies
4. Climate Finance

2ND TERM / Stream 2

CLIMATE MODELING AND IMPACT ASSESSMENT

1. Chemodynamics, Climate Change, Environmental Quality
2. Climate Modelling and Monitoring
3. Risk Assessment and DSS for Environmental Impacts of Climate Change
4. Climate Damage Modelling and Assessment

TWO COURSES OF YOUR CHOICE:

1. Energy systems
2. Adaptive Management of Natural Resources and Agricultural Systems
3. Decision Theory and Multi-criteria Analysis

OPTIONAL LABS:

1. Topics in Science and Management of Climate Change
2. Data, Tools and Methods for Earth Sciences - Introduction
3. Data, Tools and Methods for Earth Sciences - Practicals

PROGRAMME COORDINATOR

Prof. Francesco Bosello

DEPUTY COORDINATOR

Prof.ssa Enrica De Cian

TEACHING COMMITTEE

Carlo Barbante, Stefano Battiston, Francesco Bosello, Carlo Carraro, Luca Cosmo, Andrea Critto, Enrica De Cian, Silvio Giove, Paolo Girardi, Carlo Giupponi, Antonio Marcomini, Jaroslav Mysiak, Wilmer Pasut, Ilaria Prosdocimi, Francesco Vona, Davide Zanchettin

ONE-YEAR MASTER'S PROGRAMME

ACTIVITIES

Didactic activities: 360 hours

Labs: 45 hours.

Internship: 250 hours.

Total ECTS/CFU: 66

COURSE PERIOD

From September 2024 till June 2025

LANGUAGE

English

COURSE LOCATION

- Ca' Foscari Challenge School at VEGA Parco Scientifico Tecnologico di Venezia, Edificio Porta dell'Innovazione, Venezia Marghera

- San Giobbe Campus, Fondamenta San Giobbe, Venezia

- Scientific Campus, via Torino 155, Mestre

ADMISSION

To enroll in the Master's programme, candidates must be in possession of at least a second cycle specialization or pre-reform degree (Italian Ministerial Decree no. 509/99) or equivalent foreign university qualifications, following approval from the Teachers' Board. English language proficiency level of at least B2.

APPLICATION

The call for the 7th Edition will be published in April/May 2024.

Open day: April 22nd, 2024

COURSE FEES

Euros 6,000 in 2 installments.

STUDY SUPPORT

Study grants are available to partially cover the enrollment fees. Loans are available from the University's partner banks. Full and partial scholarships are also available.

MORE INFORMATION

www.unive.it/pag/39158

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