A ONE-YEAR MASTER
Didactic activities: 390 hours
Labs and practical sessions: 70 hours
Internship: 250 hours
Total ECTS/CFU: 90

DIDACTIC ACTIVITIES
The program is articulated in 6 common courses - FOUNDATIONS - offered during the first term. In the second term students will choose a specialization in CLIMATE ECONOMICS AND FINANCE or CLIMATE MODELLING AND IMPACT ASSESSMENT.

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

CLIMATE ECONOMICS AND FINANCE
1. Decision Theory and Multi-criteria Analysis
2. CGE and Integrated Assessment Modelling of Climate Change Impacts and Policies
4. Domestic and International Climate Policies
5. Climate Finance
6. Energy Systems & Technologies
7. Data, Tools, and Methods for Earth Science

CLIMATE MODELLING AND IMPACT ASSESSMENT
1. Chemodynamics, Climate Change and Environmental Quality
2. Climate Modelling and Monitoring
3. Risk Assessment and Decision Support System for Environmental Impacts of Climate Change
4. Adaptive Management of Natural Resources and Agricultural Systems
5. Climate Damage Modelling and Assessment
6. Energy Systems & Technologies
7. Data, Tools, and Methods for Earth Science

TEACHING COMMITTEE

COURSE COORDINATOR and DEPUTY COORDINATOR
Prof. Wilmer Pasut

COURSE PERIOD
From September 2021

LANGUAGE
English

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

COURSE FEES
Euros 6,000, in 2 instalments.

COURSE LOCATION
Ca’ Foscari Challenge School – Venezia Marghera (VEGA Parco Scientifico Tecnologico di Venezia - Edificio Porta dell’Innovazione) / San Giobbe Campus (Venezia)/via Torino Campus Scientifico

STUDY SUPPORT
Study grants are available to partially cover the enrolment fees, please see the master’s website. Loans are available from the University’s partner banks.
For more information: www.unive.it/pag/8560.

www.unive.it/climate
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