



Master of Research in Science and Management of Climate Change. Fourth Edition 2021-2022

Master of Research in Science and Management of Climate Change. Fourth Edition 2021-2022



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Ca' Foscari
University
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Department of Environmental
Sciences, Informatics and Statistics

STUDY PLAN 2021-2022

ONE-YEAR PROGRAM INTEGRATED WITH THE PHD IN SCIENCE AND MANAGEMENT OF CLIMATE CHANGE

1ST TERM (36 CFU)

- **FOUNDATIONS**

2ND TERM (42 CFU)

- **CLIMATE ECONOMICS AND FINANCE**
- **CLIMATE MODELLING AND IMPACT ASSESSMENT**

INTERNSHIP (250 HOURS, 10 CFU)

1. FOUNDATIONS

1. MATHEMATICS
2. STATISTICS
3. ECONOMETRICS AND MACHINE LEARNING
4. CLIMATE DYNAMICS
5. ENVIRONMENTAL AND CLIMATE CHANGE ECONOMICS
6. CLIMATE OF THE PAST

LAB: INTRODUCTION TO R

2. CLIMATE ECONOMICS AND FINANCE

1. DECISION THEORY AND MULTI-CRITERIA ANALYSIS
2. CGE AND INTEGRATED ASSESSMENT MODELLING
3. APPLIED ENVIRONMENTAL ECONOMICS AND POLICY EVALUATION
4. DOMESTIC AND INTERNATIONAL CLIMATE POLICIES
5. CLIMATE FINANCE
- 6. ENERGY SYSTEMS & TECHNOLOGIES**
- 7. DATA, TOOLS, AND METHODS FOR EARTH SCIENCE**

3. 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 (WITH LAB)
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**

Internship opportunities

Local

ASVIS
COMUNE DI PADOVA
COMUNE DI MILANO
CLUSTER-ER GREENTECH
FONDAZIONE INNOVAZIONE URBANA
FONDAZIONE MORESSA
CARBONSINK
TERNA
SCS CONSULTING
...

International

CLIMATE SERVICE CENTER GERMANY
CLIMATE POLICY INITIATIVE
CMCC
MAR FUND
MUNDUS MARIS
CLIMALIA
....
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The master in short

- ✓ **Published call:** EARLY APRIL, APPLY UNTIL JULY 14TH
- ✓ **Lectures:** SEPTEMBER 2021 – MAY 2022
- ✓ **Requirements:** SECOND CYCLE DEGREE, ENGLISH B2 LEVEL
- ✓ **Study support:** 3 WAIVERS FOR THE 2ND INSTALMENT
- ✓ **Selection:** CV + QUALIFICATIONS + INTERVIEW
- ✓ **Fees:** 6,000 EUROS, 2 INSTALMENTS

For information

- ✓ www.unive.it/climate
- ✓ phd-climate-change@unive.it
- ✓ postlauream@unive.it

Get in touch with former students

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