



**Master's in Economics,
Data, and Sustainability:
-Program of Study-**



TECH
économie
et gestion



Course Content

The Program

The Master's in Economics, Data, and Sustainability is a two-year program that offers top notch training in Economics and Data Analysis. It will equip graduates with a unique skill set that is highly relevant to a rapidly evolving job market focused on sustainability, data-driven decision-making, and the global transition towards a more environmentally and socially responsible future.

The program offers core economics courses to provide the fundamental analytical tools to understand and model the contemporaneous challenges while elaborating potential policy responses. This is complemented by in-depth training in programming and data analysis using the most recent technologies and real-world data. The program also offers the opportunity to specialize in the topics of sustainable development and transition by offering specialized courses in Environment, Demography and Family Economics, Urban and Transport Economics, and much more. Finally, the program helps to prepare students in their professional life, offering the possibility to work on Capstone Projects and participate in internships in a network of research labs, partner firms and public administrations.

First Year, M1

1st Semester

- A capstone
- Internship

- Economics
- Microeconomics
- Mathematics for economists
- Data
- Introduction to econometrics
- Programming for data management and analysis
- Society and Environment
- Economics of inequalities
- Climate and institutional changes
- Family Economics

2nd Semester

- Economics
- Macroeconomics
- Finance
- Data
- Public Policy Evaluation
- Time Series and forecasting
- Society and Environment
- European Integration and International Economics
- Resource and environmental economics
- Development Economics

Second Year, M2

- Coaching
- Internship

1st Semester

- Economics
- Macroeconomic policies
- Society and the environment
- Data
- Advanced Time series and forecasting
- Introduction to Big Data and Machine learning
- Society and Environment
- Political Economy
- Health Economics
- Economics of education

2nd Semester

- Economics
 - Labour Economics and contemporaneous challenges
 - Micro econometrics
 - Data
 - Application of econometrics
 - Advanced topics of Big Data
 - Society and Environment
 - Public economics
 - Urban and transport economics
 - Welfare economics
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