



## Second cycle degree / Two Year Master in **Applied Economics and Markets**

Duration

**2 YEARS (120 ECTS)**

Language

**ENGLISH**

Place of teaching

**BOLOGNA**

Department

**ECONOMICS**

Type of access

**OPEN ACCESS**

Admissions are based on a student's CV and qualifications. There are no other limits.

LMAEM website



This program aims at training highly qualified professionals in the relevant applied fields of economics and finance.

Our students will be able to understand the dynamics and mechanisms of **monetary and financial markets**, and their interconnections with the real economy.

They will be able to quantify the impact of **alternative strategic decisions** at both microeconomic and macroeconomic level, as well as to evaluate and analyse **future economic trends**.

## **Reasons to enrol**

You should enroll in this course if you are interested in applied economics and econometrics and if you want to pursue a career as a **highly qualified applied economist and consultant** in and for corporations of the financial industry and of the real economy.

## First year

for students with no background in mathematics or statistics

<b>Crash courses</b>	Refresh course in Mathematics	Refresh course in Statistics
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mandatory for all the students

<b>Fundamentals</b>	Mathematical methods for economists	Statistical methods for economic analysis	Modeling individual behaviour	Econometrics for individual data	Macroeconomic models for policy analysis	Time series econometrics	Corporate law
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choose two

<b>Advanced topics in Economics</b>	Industrial economics	International economics and trade	Monetary economics
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choose one

<b>Open-source programming</b>	Python for economists	R for economists
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## Second year

### → TRACK IN FINANCIAL AND MONETARY ECONOMICS

<b>Financial Instruments and Portfolio Theory</b>	Options, Futures and Derivatives	Portfolio Theory
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choose three

<b>Financial and Monetary Economics</b>	Probability and stochastic processes for finance	Contract theory and incentives	Advanced computer programming and Python	International monetary economics	Econometrics of financial markets	Quantitative finance
Decisions and investments	Macrofinance	Private equity, venture capital and fintech financing	Forecasting in business and economics	Green finance: asset management, transition risk and environmental social governance		

### → TRACK IN MEASURING AND MODELING ECONOMICS

<b>Management Decisions and Corporate Governance</b>	International accounting	Corporate governance: an international perspective
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choose three

<b>Financial and Monetary Economics</b>	Industrial policies and antitrust	Contract theory and incentives	Advanced computer programming and Python	Forecasting in business and economics	Introduction to machine learning for economists	Econometrics for decision making
Economic analysis of business strategic decisions	Economics of regulation	Economics of consumption and saving	Environmental economics	Environmental economic policy	Green finance: asset management, transition risk and environmental social governance	