



UNIVERSITÀ
DEGLI STUDI
DI MILANO

Master's degree programme in **Finance and economics**

FACOLTÀ DI

Scienze Politiche,
Economiche e Sociali

Applications and admissions

Open - subject to entry requirements. Applicants may be invited to an interview.

Admission requirements

To enter the Master degree in Finance and Economics candidates must have a strong knowledge of Mathematics, Economics and Statistics at the undergraduate level.

- Students with an Italian degree (ex DM 270 /04) in the following classes: Ingegneria civile e ambientale (L-7); Ingegneria dell'informazione (L-8); Ingegneria industriale (L-9); Scienze dell'amministrazione e dell'organizzazione (L-16); Scienze dell'economia e della gestione aziendale (L-18); Scienze della comunicazione (L-20); Scienze e tecnologie fisiche (L-30); Scienze e tecnologie informatiche (L-31); Scienze e tecnologie per l'ambiente e la natura (L-32); Scienze economiche (L-33); Scienze matematiche (L-35); Scienze politiche e delle relazioni internazionali (L-36); Scienze sociali per la cooperazione, lo sviluppo e la pace (L-37); Statistica (L-41), and students with an Italian degree (ex DM 509/99) in the classes equivalent to those listed above can apply.
- Students from undergraduate classes different from those listed above as well as students with foreign qualification can enrol after positive evaluation by the Admission Board, provided they substantively satisfy the access requirements specified in the Manifesto degli Studi.

Applicants who meet the minimum entry requirements (irrespective of their nationality) are assessed by the Admission Board.

As for the knowledge of the English language, a properly certified level at C1 or higher (according to CEFR) is required.

Each applicant will have to submit, joint with the application, a detailed Curriculum Vitae.

The Admission Board reserves the right to require an oral interview with the applicant to decide upon admission. The interview is held in English and can only be held using electronic devices (e.g.: via Skype). Those applicants who fall below the minimum standard are not admitted.

Objectives

Graduates of this Master course will receive advanced training in Finance, Economics and quantitative methodologies enabling the analysis and interpretation of economic and financial phenomena. They will be able to work in firms and financial institutions that operate directly on financial markets, or in the financial branch of firms in any sector, or in international economic institutions. The study program is designed to provide students with a solid background through the development of topics in Economics, analysis of Financial Markets, Statistics and Econometrics, Risk Analysis and Portfolio Choice. It includes the study of financial markets from the point of view of International Law, History and Economics.

Career prospects

The Master course in Finance and Economics aims at forming the following professional profiles:

- Consultant and financial adviser.
- Operator and analyst in financial markets.
- Risk analyst in major banks
- Executive employee in financial offices of firms
- Economist or Econometrician in large private firms, banks, Government agencies
- Researcher in research-departments within economic and financial institutions, both national and international.

Degree syllabus

I year

COMPULSORY LEARNING ACTIVITIES	ECTS
Advanced Microeconomics and Macroeconomics	12
Data Mining and Computational Statistics	9
Financial Investments	12
International Economic Law	6
Mathematical Methods for Finance	9
Statistical Methods for Finance	6
Time Series Analysis	6

II year

Curriculum: Quantitative Finance

COMPULSORY LEARNING ACTIVITIES	ECTS
Financial Economics	6
Financial Markets and Financial Crises: A Historical Approach	6
Numerical Methods for Finance and Portfolio Optimization	12
Risk Management	6

Curriculum: Quantitative Economics

COMPULSORY LEARNING ACTIVITIES	ECTS
Financial Economics	6
Financial Markets and Financial Crises: A Historical Approach	6
Dynamic Macroeconomics	12
Microeconometrics	6

Elective activities

- 9 ects for elective activities;
- 3 ects for internship/stage;
- Final exam (18 ects).

INFO

🎓 **Disciplinary classification:** Finanza (LM-16)

🕒 **Duration:** 2 years (120 Ects)

📅 **Curriculum:**

- Quantitative Finance
- Quantitative Economics

📅 **Attendance:** No obligation

📍 **Location:**

- via Conservatorio, 7 - Milan

📧 **For information:**

mef@unimi.it

🌐 **Websites:**

mef.cdl.unimi.it/en
www.unimi.it



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