

Collegio Carlo Alberto

Master in Finance, Insurance and Risk Management 2025-2026



Collegio Carlo Alberto Education

MaFiRM

A POST GRADUATE MASTER OF THE ESOMAS DEPARTMENT AT THE UNIVERSITY OF TORINO



This Master prepares students for highly skilled occupations that benefit from a strong quantitative finance background. These include careers in risk and asset management, in Fintech, in securities design and trading, in banking and actuarial jobs.

Course Program

XXVIII Edition - September 2025 - June 2026

FOUNDATIONS AND FINTECH

- Mathematics for Finance
- Probability and Stochastic processes for Finance
- Asset Pricing
- Programming - Coding in Python
- Introductory Mathematics and Probability
- Machine Learning

COMMON TRACK

- Financial Econometrics I
- Derivatives
- Fixed Income and Credit Risk
- Market and Liquidity Risk
- Optimization Methods for Machine Learning and Quantitative Finance

FINANCE TRACK

- Credit Derivatives
- Decentralized Finance and Python Applications
- Financial Econometrics II
- Quantitative Asset Allocation
- Term Structures of Equity

INSURANCE AND RISK MANAGEMENT TRACK

- Life Insurance
- Non-Life Insurance and Solvency II
- Risk Management in Insurance
- Hedging Strategies for Segregated Funds

PROFESSIONAL COURSES

- Algorithmic Trading
- Financial Applications of Unsupervised Machine Learning
- Machine Learning for Asset Allocation with Python
- Operational Risk Management
- Rating and Stress Tests
- Treasury Risk Management
- Solutions for Risk Management
- Systemic Risk Management
- Stock Markets Behaviour: Myth and Reality. How to manage an equity portfolio
- Asset Allocation Fundamentals
- Forecasting Techniques and Systematic Approaches to Asset Allocation
- Hedge Funds and Alternatives
- Robo Advising
- Impact Investments
- IT for Financial Institutions
- Banking, Law and Regulation
- Private Markets Investing
- Investment Banking For Global Markets

APPLICATIONS ARE OPEN

Listed in the worldwide ranking 2025 of the guide to **World's Leading Quantitative Finance Master Programmes**

Risk.net



Top 20 Places to Do a Master



2022 in the Field of Financial Markets



Educational Partners

PLACEMENT

Placement record for previous graduates is excellent. It includes a variety of firms, banks, and organizations in the financial industry.

International Industries and Banks Abalane Asset Management, AIB Bank, Allianz Bank, Amundi, BNP Paribas, Consob, Crédit Agricole, Crédit Suisse Zurich, Citigroup, Deutsche Bank, EY, Financial Risk Centre, Goldman Sachs, Fitch Ratings, Iason, JP Morgan Luxembourg, KPMG, Oliver Wyman, Poste Vita, PricewaterhouseCoopers, Royal Bank of Scotland, State Street Bank, UBS Zurich.

Italian Industries and Banks Banca del Piemonte, Banca Mediolanum, Banca Patrimoni Sella, Compagnia di San Paolo, Enel, Ferrero Spa Finance, Fiat Finance, Fondaco, Generali Assicurazioni, Intesa Sanpaolo, Prometeia, Reale Mutua, Toyota Material Handling Italia, UBI, Unicredit, Unipol SAI.

Academic and Institutional Banca d'Italia, Bank of England, Bocconi (PhD), Cass Business School (PhD), EDHEC Nice (PhD), European Bank for Reconstruction and Development, European Central Bank, Frankfurt School of Finance and Management (PhD), IESE (PhD), INSEAD (PhD), Macedonia Ministry of Finance, SFI Leman (PhD in Finance), University of Verona (PhD in Finance).

ADMISSIONS

Applicants hold a degree in either Economics, Business, Maths, Engineering, Statistics, Data Sciences, Computer Sciences or Physics. Students with laurea magistrale or equivalent graduate degree are awarded the second level Master of the University of Torino, in addition to the Master of the Collegio Carlo Alberto.

FEES AND SCHOLARSHIPS

Tuitions for the Master program: € 15,000. They are comprehensive of course materials, use of the Collegio and University on-campus library, online databases and facilities, access to on-campus seminars. A number of merit based (partial or full) tuition waivers are available. They are awarded according to the admission ranking.



Research Education Outreach

CCA



Fondazione Compagnia di San Paolo



UNIVERSITÀ DI TORINO

