

# Collegio Carlo Alberto

## Master in Finance, Insurance and Risk Management 2023-2024

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



Collegio Carlo Alberto Education

MaFiRM

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

XXVI Edition - September 2023 - June 2024

#### FOUNDATIONS

Programming  
Machine Learning  
Mathematics for Finance  
Asset Pricing

#### COMMON TRACK

Financial Econometrics I  
Derivatives  
Fixed Income & Credit Risk  
Financial Engineering  
Market Liquidity Risk

#### FINANCE TRACK

Quantitative Asset Allocation  
Finance with Python  
Financial Econometrics II  
Credit Derivative Pricing  
Term Structures of Equity

#### INSURANCE TRACK

Life Insurance  
Non-Life Insurance & Solvency II  
Hedging for Segregated Funds  
Insurance Regulation  
Risk Management in Insurance

#### PROFESSIONAL COURSES

Ratings & Stress Tests  
Risk Management  
Portfolio Allocation  
Hedge Funds and Alternatives  
Robo Advising  
Impact Investments  
IT for Financial Institutions  
Banking Law & Regulation  
Financial Applications of Machine Learning in Python  
Financial Applications of Unsupervised Machine Learning  
Private Markets Investing  
Investment Banking for Global Markets

#### APPLICATIONS ARE OPEN

Top 25 worldwide ranking 2021 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

#### PLACEMENT

The Master's excellent placement record for our graduates has included a large variety of firms, banks and organizations in the financial industry such as:

Abalone Asset Management - AIB Bank - Accenture - Allianz Bank - Almaviva - Amundi - Banca IMI - Banca del Piemonte - Banca d'Italia - Banca Mediolanum - Bancoposta Fondi - Bank of England - BIM - BIP - BNP Paribas - Banca Aletti - Banca Leonardo - Banca Patrimoni - Sella - Banca Profilo - Citigroup - Compagnia di San Paolo - Crédit Agricole - Crédit Suisse Zurich - D&B Consulting - Deutsche Bank - Enel - ERSEL - Eurizon - European Bank for Reconstruction and Development - European Central Bank - EuroTLX - EY - Ferrero Spa Finance - Fiat Finance - Fideuram - Fincite GmbH - Fitch Ratings - Fondaco - Generali Assicurazioni - Goldman Sachs International London - Guy Carpenter - Iccrea Banca - ING - Intesa Sanpaolo - Join Business Management Consulting - JP Morgan Luxembourg - KPMG - List Group - Money Farm - Oliver Wyman - PricewaterhouseCoopers - Prometeia - QI4M - Reale Mutua - Royal Bank of Scotland - Sella - Spike Reply - State Street Bank - Symphonia - UBI - UBM - UBS Zurich - UniCredit - Unipol SAI - VesselsValue.com.

#### 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



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