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.

The Collegio Carlo Alberto, a joint initiative of the Compagnia di San Paolo and the University of Torino, fosters advanced research and teaching in economics, finance and political science. Nearly 400 people including students, researchers, fellows, junior and senior faculty and visiting scholars create a dynamic research and teaching environment.

**COURSE PROGRAM**  (September 2020 – June 2021)

**FOUNDATION**  
- Mathematics for Finance  
- Econometrics  
- Coding in Python and R  
- Machine Learning  
- **FINANCE TRACK**  
- Quantitative Asset Allocation  
- Econometrics for Financial Markets  
- Target Date Funds  
- IT for Financial Institutions I and II  
- Operational Risk Management  
- Banking, Law, and Regulation I and II  
- Solutions for Risk Management

**COMMON TRACK**  
- Asset Pricing  
- Derivatives  
- Fixed Income and Credit Risk  
- Financial Engineering  
- Market and Liquidity Risk  
- Credit Derivatives Pricing I  
- Rating Based Modeling and Stress Testing  
- Treasury Risk Management

**INSURANCE TRACK**  
- Risk Management in Insurance I and II  
- Life Insurance  
- Non-Life Insurance and Solvency II  
- Hedging Strategies for Segregated Funds  
- Solutions for Risk Management

**PROFESSIONAL COURSES**  
- Forecasting Techniques and Asset Allocation  
- Portfolio Analysis and Benchmarking  
- Robo Advising  
- Private Banking  
- Hedge Funds and Alternative Assets  
- Equity Derivatives  
- Systemic Risk Management  
- Pillar III, Solvency II  
- Impact Investments

**PLACEMENT**


On-site career days are organised throughout the program.

**FEES AND SCHOLARSHIPS**

Tuition 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. A number of merit-based (partial or full) tuition waivers are available. They are awarded on a first-come, first-serve basis. The “Ciro Beffi” prize is awarded to the best performing student.

**APPLICATIONS ARE OPEN**

**CONTACT INFORMATION**

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