



UNIVERSITÀ
DEGLI STUDI
FIRENZE

Scuola di
**Economia e
Management**

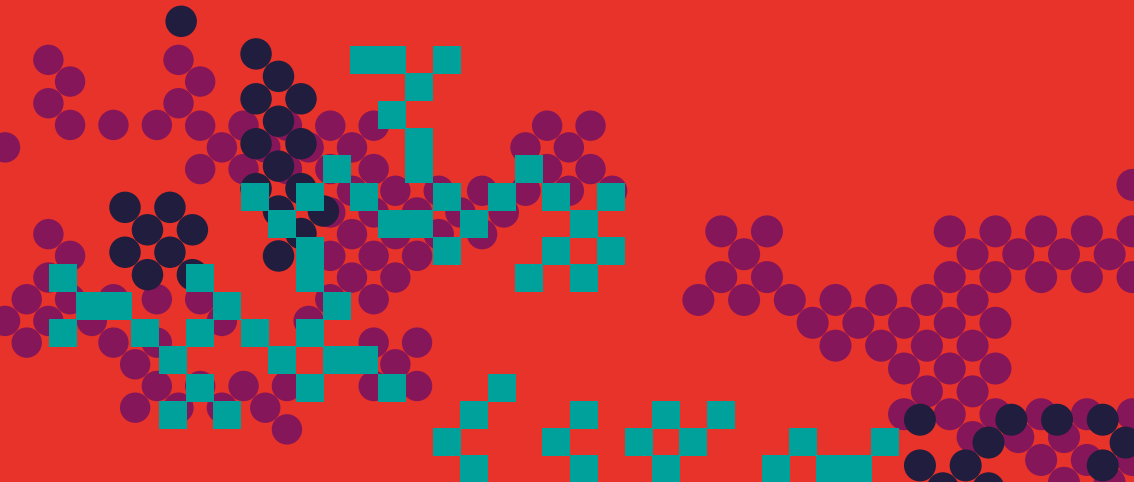
laurea

magistrale

**finance
and risk
management**

The Master of Science in Finance and Risk Management (CLM FiRM) offers its prospective students an advanced education in finance, quantitative risk management and insurance, banking and financial accounting.

The MSc response to industry's strong demand in experts with quantitative expertise in risk management, finance, insurance and their interface. The course is a combination of economic theory for finance with quantitative methods (probability theory, statistics, numerical analysis and computational methods) to quantify and manage risk arising from financial, economic and insurance applications. The MSc mix theory and practice, academic lectures and interaction with finance practitioners and empirical sessions.





admission requirements

The candidates for the MSc in Finance and Risk Management must prove a strong knowledge of mathematics, statistics, economics and management as well as some familiarity with information technology and data analysis software.

Students with a non-Italian Bachelor


Applicants for this program should have achieved a First Class or High Second Class (Upper Division) cognate degree or an equivalent international qualification in their country.

Students with an Italian Bachelor

First level BA holders (undergraduate) in Management (L-18 Scienze dell'Economia e Gestione Aziendale), Economics (L-33 Scienze Economiche), Statistics (L-41 Statistica), Mathematics (L-35 Scienze Matematiche), Computer Sciences (L-31 Scienze e Tecnologie Informatiche), Physics (L-30 Scienze e Tecnologie Fisiche) or Financial Engineering (L-09 Ingegneria Gestionale) at the University of Florence and graduates from other universities having a degree mark above 99/110 are eligible to apply.

Before applying, please carefully check the list of documents needed on our website.

To apply, **non-EU students** will have to:

- pre-enroll at the Italian embassy/consulate in their country in the period May-June, according to the timeline set by our Ministry of University;
 - apply for the assessment, according to the procedure described on our website; obtain a reference letter from a university professor.
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goals and opportunities

Student will be prepared for high profile careers across a wide range of sectors: in financial institutions, insurance and reinsurance companies, banks, accounting firms, private equity firms, management consulting, data analytics companies, industry, management, quantitative analysts in insurance companies and consultancy firms, as well as in academia and central banks.

Graduates should be able to work as specialists in quantitative-oriented areas of the financial services industry, such as trading, risk or asset management, or to work in specialized areas of an insurance company.

The students who complete the MSc in Finance and Risk Management are eligible to achieve professional status as an Actuary in Italy.

Recent graduates from the MSc in Finance and Risk Management degree secured positions in companies including Axpo, Accenture, Alpiq, Aviva, Azimut, Baker-Hughes, Bloomberg, Deloitte, Enel, E&Y, Findomestic, HSBC, Ifis Bank, Illimity, Intesa San Paolo, Generali, Goldman Sachs, SDG, Ich, Prometeia, Pwc, Rowan Dartington, Widiba, Unicredit, Banca Imi, Banca Sella, KPMG, Ifigest, Marsh, ABN AMRO, Milliman, Santander.

Thanks to the **Erasmus program**, students can study or do a traineeship in some foreign universities and companies, getting the recognition of the activities carried out abroad.

We have about 250 agreements with European Universities allowing 300 students to study abroad, and about 20 agreements with extra-European Universities in countries such as Australia, China, Japan, USA, Canada and Latin American countries, allowing 30 students' mobilities per year.

The School offers four **Double Degree** programs with the following European universities: School of Economics - SGH in Warsaw, University of Economics in Katowice and ENSIIE in Evry (Master degree in Finance and Risk management) and University of Goettingen (Master degree in Development and Economics).

At the end of the two years course both partner institutions issue a degree certificate.

The School, in collaboration with the central university offices, offers information and **orientation services** such as: prospective students guidance, with the goal to encourage a conscious and satisfactory choice of the degree programme; students guidance, offered to all the students enrolled, with the aim to advise, support and reduce the time to obtain the degree and the number of students who give up; graduates guidance, supporting students approaching the job market and reducing unemployment time.

The University of Florence is deeply committed in offering **equal opportunities of education** to students with disabilities, in order to support and facilitate their integration within the University. The Study and Research Centre for Disability Issues (CESPD) offers assistance and support to these students.

Students of the MSc will gain an in-depth grounding with core courses in corporate finance, financial markets, quantitative and computational finance, before tailoring the

degree to your goals with a range of multiple choice courses, including some specifically designed applied courses.

Mandatory Courses:

Quantitative Finance and Derivatives

Computational Finance

Corporate Finance

Corporate Governance and Financial Institutions

International & Financial Economics

European Capital Market Law

Financial Statement Analysis

Econometrics of Financial Markets

Quantitative Risk Management - with MATLAB modulus

Choose one from

- Insurance and Risk models
- Pensions, Solvency and Financial Reporting
- Portfolio choice and Bond Markets

Choose one from

- Merger and Acquisition Valuation
- Bank Management and Sustainable Finance

Choose 6 ETCS from

- Internship
- Workshop in Corporate finance
- Workshop in Quantitative finance
- Workshop in Python
- Workshop in SAS
- Workshops in collaboration with Financial Industries

Choose one from optional courses

- International accounting
- Mathematics for Economics
- Insurance and Risk models – mod.A
- Pensions, solvency and financial reporting – mod.A
- Portfolio choice and Bond Markets – mod.A
- Merger and Acquisition Valuation
- Bank Management and Sustainable Finance



international degrees and more info


The MSc offers three Double Degrees. Those students admitted to the Programme have the chance to spend two semesters at the partner Universities, achieving a minimum of 60 credits (ECTS) and gaining from these universities the following additional titles:

- **MSc in Finance and Accounting** (School of Economics of Warsaw, Poland)
- **MSc in Quantitative Asset and Risk Management** (University of Economics in Katowice, Poland)
- **MSc in Mathematics and Applications, pathway Financial Mathematics, Engineering and Finance** (Ecole Nationale Supérieure d'Informatique pour l'Industrie et l'Entreprise, Paris Evry, France).

UNIFI students will spend their 1st year at UNIFI and their 2nd year at the partner University, obtaining both degrees.

On our website you can read past students' opinion about us (Master Program section).

More info about deadline and enrolment fees are available on the University of Florence website (in Italian and in English).





offices and contacts

Campus di Novoli

via delle Pandette, 32 | Firenze

director

Maria Elvira Mancino

mariaelvira.mancino@unifi.it

Responsible for study plans

Ilaria Colivicchi

ilaria.colivicchi@unifi.it

Student Office

Francesca Dardi

segreteria.est-firenze@economia.unifi.it

Foreign students office

internationaldesk@unifi.it

website

www.economia.unifi.it

www.frm.unifi.it

