

2024-2025

Master Finance

Track : Financial risks and sustainable finance

| Head | Descriptions | Practical information |
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| Christelle Lecourt Christelle.lecourt@univ-amu.fr | Type : Master Domaines : Law, Economics, Management | Registration fees : 243 € Faculté d'Économie et de Gestion Credit : 120 |

AIM

The energy transition will require the development of a wide range of new financial instruments and innovations, with profound implications for markets, investors, intermediaries and companies. The aim of this programme is to prepare the next generation of finance professionals for this massive change by training high-level specialists to manage risks and financial assets from a financial and extra-financial perspective.

The programme provides students with the operational skills and expertise needed to occupy high-level positions in banks, companies, insurance companies and asset management.

Courses are based on four themes: market finance, sustainable finance, quantitative techniques and programming.

In response to the internationalisation of professional opportunities in finance, the Master's programme is taught entirely in English.

ADMISSION

Priority access is afforded to M1 students from the Finance Master's programme and students in the second year of the *Magistère Ingénieur économiste* in the AMSE department at the Faculty of Economics and Management of Aix-Marseille University.

However, parallel entry to M2 may be considered for students who have completed 60 credits in a programme with a strong quantitative focus.

Applications can be submitted via the Aix-Marseille University e-candidat platform, or via Etudes en France.

TRAINING AND RESEARCH

This Master's is part of the AMSE University Research School (EUR), which includes nearly one hundred researchers from AMU, CNRS, EHESS and ECM.

The programme is designed to provide a balance between theoretical knowledge and operational skills. The teaching team is composed of research lecturers who are economists and managers performing research in the field of finance and professional lecturers who hold positions of

responsibility in risk and asset management in major companies and financial institutions. Each course will pay particular attention to sustainable finance and climate risk.

MASTER'S TRACKS

- Financial Modelling
- Financial Risks and Sustainable Finance
- Corporate Finance and Financial Engineering
- Wealth Management
- Research in Economics and Finance

TEACHING SITES

Faculty of Economics and Management, Aix-en-Provence.

REGISTRATION REGIMES

- Initial training.
- Continuing education.
- Apprenticeship with one week in a company and one week at university.

PREREQUISITES

Candidates should have a solid grounding in economics, finance, statistics and financial mathematics.

PROFESSIONAL SKILLS TO BE ACQUIRED

By the end of the programme, students will have acquired the following key professional skills:

- Modelling and measuring financial risks
- Managing financial risks
- Building a financial strategy
- Problematising an assignment in a professional context
- Presenting in a professional context

INTERNSHIPS AND SUPERVISED PROJECTS

Students are required to complete a 24-week working internship between the beginning of April and the end of September. Students on apprenticeship, with one week in the company and one week at the university, are on a full-time apprenticeship from the beginning of April to the end

of September. An applied or research thesis will be produced to assess the student's ability to analyse, synthesise and think critically. The thesis will be presented at the oral defence at the end of the academic year.

TEACHING

Most of the courses are given by both academics and professionals from the sector. The theoretical concepts are illustrated by case studies requiring students to solve concrete risk management problems, create risk management strategies and discuss the results.

TARGETED PROFESSIONS (ROME classification)

M1201 - Financial analysis and engineering
C1203 - Banking/finance customer relations
C1202 - Credit analysis and banking risks
C1301 - Front office financial markets
C1302 - Back and middle office management of financial markets
C1303 - Portfolio management in financial markets
M1201 - Financial analysis and engineering

NSF FIELDS

3M - Finance, banking, insurance (not specified or other)
313R: Finance, banking, insurance (control, prevention, maintenance)
313W: Sale of financial products

PROFESSIONAL OPPORTUNITIES

As with all recognised educational institutions, the attractiveness of AMSE, which houses the Financial Risk and Sustainable Finance programme, is primarily based on the quality of its students' career prospects. Every year, our alumni meet with students at the school's Careers Day to present their AMSE experience, their career paths and their jobs.

Examples of jobs on graduation:

- Financial risk analyst
- Asset manager
- Portfolio manager
- ESG/ISR analyst
- Head of CSR and SRI relations