

2024-2025

Master Finance

Head	Descriptions	Practical information
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AIMS

The Master's in Finance trains high-level financial executives for companies, banks, financial institutions, insurance companies and research organisations. The programme strives for excellence through the quality of the courses offered, the diversity of the professions covered, its international outlook and the importance attached to research.

The main objective of the programme is to provide advanced courses in corporate and market finance, enabling students to master the financial system, its overall operation and its products, as well as national and international regulations in an increasingly complex environment.

By the end of the first year, students will have acquired a global view of the complex, cross-disciplinary problems facing financial institutions and establishments, or which drive the major financial decisions that determine the creation of value for stakeholders. They will be able to handle the quantitative tools needed in finance and will have a solid knowledge of micro- and macro-economics. Particular attention is paid to fostering a responsible approach to finance and to sustainable finance.

The second year of the Master's programme enables students to acquire a high degree of specialisation in five distinct career orientations, each corresponding to specific professions.

Another aim of the programme is to encourage international mobility through several international exchange agreements.

ADMISSION

First-year entry is recommended but it is possible to enter the programme in the second year (M2). All students must submit an application which will be examined by the pedagogical commission of the Faculty of Economics and Management. Apply during the admission period on the dedicated platform. For more details on the procedure to follow, please consult the faculty's website.

Students can access this master's from the Faculty of Economics and Management of Aix-Marseille University (Economics-Finance, MCF, EMFO, IPBE and ME courses) as well as from other French and foreign

universities. The master's is also open to students who wish to specialise in finance and who have followed specific management courses, both from our own university and from other institutions: AES, Management, Economics, Law, bachelor's degree in management, etc.

TEACHING AND RESEARCH

The Master's in Finance is part of the *École Universitaire de recherche* (EUR) AMSE, which includes almost a hundred researchers from Aix-Marseille Université (AMU), Centre National de la Recherche Scientifique (CNRS), École des Hautes Études en Sciences Sociales (EHESS), Centrale Méditerranée (ECM) and Sciences Po Aix. The teachers are selected according to their research expertise within those institutions. The teaching staff is supplemented by practitioners.

MASTERS' TRACKS

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

SITES

Faculté d'économie et de gestion Ferry site (Aix-en-Provence), Ilot Bernard du Bois site (Marseille) and Centrale Méditerranée (Marseille).

REGISTRATION

- Initial training
- Continuing education
- Apprenticeship or professionalisation contracts (work-study program)

PREREQUISITES

Candidates must have a basic knowledge of economics, management, mathematics, IT, general accounting and law.

SKILLS TO BE ACQUIRED

- Modelling and measuring financial risks.

- Managing and valuing portfolios of financial assets while assessing their risk.
- Managing financial risks on derivatives markets.
- Analysing and evaluating to draw up an expert report or provide financial advice.
- Acting responsibly in the field of finance and asset management.
- Developing partnerships and expanding a client network.
- Implementing an internal and external growth strategy and the associated financing.
- Assessing a company or project with a view to a transaction or its financing.
- Solving complex financial problems.
- Operating within a complex and international context.

INTERNSHIPS AND SUPERVISED PROJECTS

Second-year students are required to complete a long-term work placement, for which a report is written.

In the first year, students have the opportunity to complete an internship at the end of the academic year.

Supervised projects are offered in some M1 and M2 courses, as well as a final year project common to all courses.

TEACHING METHODS

In response to the internationalisation of professional opportunities in the field of finance, part of the Master 1 Finance programme is taught in English.

Three of the Finance courses are taught entirely in English (MF, R2FD and Research).

Part of the teaching in M1 is in “flipped classroom” form, as are some of the courses in the specialisation.

An introduction to research is offered from the first year of the Master's.

All courses are subject to assessment (written exams, project work, alone or in groups).

TARGETED JOBS (ROME classification)

- M 1205, Administrative and Financial Director
- M1201, Financial analyst and engineer
- C1205, Financial asset management consultant
- C1303, Portfolio management in financial markets
- C1105, Actuarial studies in insurance
- C1202, Credit and banking risk analysis
- M1403, Socio-economic studies and forecasting
- K1401, Design and management of public authorities

NSF FIELDS

- 122B, Econometric models; Methods of economic analysis
- 313M, Finance, banking, insurance (not specified or other)
- 313N, Economic and financial studies

POTENTIAL CAREERS

As with all recognised educational institutions, the attractiveness of AMSE is based primarily on the quality of its students' professional development. Our students find jobs in France and abroad.

Examples of jobs held by our graduates:

- Financial Director
- Business manager
- Management controller
- Asset engineer
- Wealth manager
- Family officer
- Portfolio manager
- ESG / SRI analyst
- Credit risk analyst
- Actuarial analyst
- Assistant trader
- Junior quantitative trader