

## 2024-2025

### Master Finance

#### Track: Research

Head	Descriptions	Practical informations
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#### AIMS

This track provides students with a general training in theory and methods in Finance. The track may lead to research or to performing financial analyses.

#### ADMISSION

High-level training in theoretical and applied methods in Finance is required for application. Priority access is afforded to M1 students from the Master's in Finance or in Economics of the AMSE department of the Faculty of Economics and Management of Aix-Marseille University. However, parallel entry to M2 may be considered for students who have validated 60 credits of M1 level Economics in a course with a strong quantitative focus.

#### LEARNING AND RESEARCH

This Master's is part of the *Ecole Universitaire de Recherche* (EUR) AMSE, which includes almost a hundred researchers from AMU, CNRS, EHESS, ECM and Sciences Po Aix.

The teachers are selected according to their research expertise within those entities. The teaching staff is supplemented by practitioners.

#### FUNDAMENTAL PREREQUISITES

High-level training in theoretical and applied methods in Finance is required for access to this track.

#### OTHER TRACKS

- Financial Modelling
- Financial Risk and Sustainable Finance
- Corporate Finance and Engineering
- Asset management
- Research

#### LEARNING SITES

Faculté d'économie et de gestion, Ilot Bernard du Bois site and Ferry site, Centrale Méditerranée.

#### REGISTRATION

- Initial training
- Continuing education

#### PROFESSIONAL SKILLS TO BE ACQUIRED

The teaching program of this master's track is aimed at better understanding and mastering the latest developments in the theory of Finance and its empirical methods. Students are initiated into research and develop their ability to define and conduct a research project in econometrics.

Targeted professional skills:

- ability to contribute to novel scientific production in Finance,
- ability to highlight the value of research results,
- expertise in an area of research in Finance.

#### INTERNSHIPS AND SUPERVISED PROJECTS

The curriculum ends with the writing of a research dissertation or with an internship of at least three months. The dissertation is written under the supervision of an AMSE researcher.

#### ASSESSMENT OF KNOWLEDGE ACQUISITION

Learning on each course is assessed by written exam and/or from a project presented during an oral defence. To limit the number of projects per student, the teachers propose transversal projects when possible.

#### POTENTIAL CAREERS (ROME classification)

- K1401 - Conception et pilotage de la politique des pouvoirs publics (fr)
- K1404 - Mise en oeuvre et pilotage de la politique des pouvoirs publics (fr)
- M1401 - Conduite d'enquêtes (fr)
- M1403 - Études et prospectives socio-économiques (fr)
- M1404 - Management et gestion d'enquêtes

### **NSF FIELDS**

- 114D - Mathématiques de l'économie, statistique démographique, mathématiques des sciences sociales, des sciences humaines (fr)
- 122B - Modèles économétriques ; Méthodes d'analyse économique (fr)
- 313N - Etudes économiques et financières (fr)

### **FURTHER EDUCATION**

Students on this track are most likely to enter the doctoral programme of AMSE, or of other universities.

### **CAREER PATHS OF OUR STUDENTS**

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

Every year, our alumni meet with students during the school's Career Day to present their AMSE experience and their subsequent careers.

Watch the alumni talks on Youtube:

<https://www.youtube.com/c/AMSEChannel/playlists>