

# Master Econometrics Statistics Track Research

**Option(s):**  
→ Magistère

This track provides students with general training in theory and methods of econometrics, as well as machine learning techniques and big data analysis. The track may lead to research or to performing econometric analyses. The teaching programme of this master's track is aimed at better understanding and mastering the latest developments in econometric theory and its methods, as well as the theory of machine learning and big analysis. Students are initiated into research and develop their ability to define and conduct a research project in econometrics.

## General presentation

### ● Aims

- Ability to contribute to novel scientific output in econometrics.
- Ability to highlight the value of research results.
- Expertise in an area of research in econometrics and data analysis.

### ● Internships and supervised projects

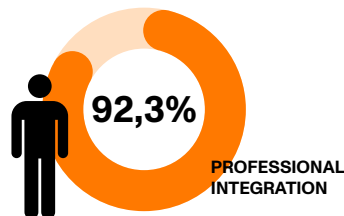
The curriculum ends with the writing of a research dissertation or with an internship of at least three months. The dissertation is written under the supervision of an AMSE researcher.

### ● For which jobs?

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

Watch the alumni talks on YouTube:

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



*Situation of working people in employment 6 months after graduation. This result comes from the professional integration survey conducted among the 2022 graduates of the Econometrics, Big Data and Statistics course, by the Aix-Marseille University Student Life Observatory.*

## ● Admission and prerequisites

High-level training in theoretical and empirical economics, and in econometrics, is required for application.

Priority access is afforded to M1 students from the Master's in Econometrics Statistics of 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 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 *École Universitaire de Recherche (EUR) AMSE*, which includes almost a hundred researchers from AMU, CNRS, EHESS, Centrale Méditerranée and Sciences Po Aix. The teachers are selected according to their research expertise within those entities. The teaching staff is supplemented by practitioners.

## Option(s)

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### → Magistère Economics, Data Science and Finance

This option provides high level training in quantitative methods and economic analysis, leads to three diplomas in three years (a bachelor's degree, a Master's degree and the Magistère diploma). In the first year of the Magistère the student follows specific courses + some courses of one of these bachelor's degrees from the Faculty of Economics and Management:

- L3 Economics-Finance of the Economics-Management BA degree taught in Marseille,
- L3 Mathematics-Economics of the Mathematics and Computer Science Applied to Human and Social Sciences BA degree taught in Aix.

In the second and the third years of the Magistère, the student follows specific courses + some courses of the Master Economics or the Master Econometrics Statistics or the Master Finance.

A semester of study abroad is an integral part of the program. Students can also spend their second year (M1) abroad as part of the double Master's degrees offered by the school. In-depth English is an important part of the training in the first year for preparing the mobility.

Entry to the Magistère is selective on the basis of the student's academic grades obtained in Licence 2 or French *Classes Préparatoires aux Grandes Écoles (CPGE)*.

→ More info  
on our website



→ Admission  
on the platforms

- Mon Master
- E-Candidat
- Campus France

→ Language  
Programme entirely  
taught in English

Head:  
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Information:  
- Registration fees to the Master: €243  
- Credits: 120  
- Registration fees to the Magistère option: fees of the bachelor or the master + €1200 over the three years

[amse-aixmarseille.fr/en](http://amse-aixmarseille.fr/en)

