

# Magistère Economics, Data Science, and Finance Aix-en-Provence and Marseille



**Type:** *Diplôme d'Études Supérieures Universitaires* - (DESU).

**Fields:** Law, Economics, Management.

**Registration fees:** Registration fees for the national diploma (Bachelor's then Master's) + €1,200 over three years (i.e. €200 in the 1st year, €500 in the 2nd and €500 in the 3rd).

**Department:** Faculty of Economics and Management.

**Credits:** ECTS associated with the bachelor's and Master's degrees to which the diploma is attached.

**Registration regimes:** Initial training, the associated Masters courses are open to continuing education and apprenticeships.

## Contacts

### Heads of the first year

Gaëtan FOURNIER - gaetan.fournier[at]univ-amu.fr (Marseille)

Sullivan HUÉ - sullivan.hue[at]univ-amu.fr (Aix-en-Provence)

### Head of the second year

Céline POILLY - celine.poilly[at]univ-amu.fr

### Head of the third year

Sullivan HUÉ - sullivan.hue[at]univ-amu.fr

## Target audience

Students who have already spent two years in higher education in Economics and Management, Applied Mathematics or in French *Classes Préparatoires* (CPGE) and who are well-versed in quantitative techniques. Entry to the Magistère programme is selective, based on written application and an assessment of how well a student has fared in the first two years of higher education.

In certain cases, students may be invited for interview.

## Admission

Entry to the Magistère is selective on the basis of the student's academic record after a Licence 2 or a CPGE (*Classes Préparatoires*). Candidates are likely to be called for an interview.

## Organisation

The first year of the Magistère Economics, Data Science, and Finance is closely linked to two 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-en-Provence.

The student chooses one of these two bachelor options.

The second and the third years of the Magistère are closely linked to the master Economics, or Master Econometrics Statistics, or Master Finance. Students follow the courses of one of these three Masters and specific courses of the Magistère. These three Masters are open to apprenticeships.

## Language of courses

- First year: some courses taught in English.
- Second year: track full English or track French and English.
- Third year: full English.

## Aims

The Magistère Economics, Data Science, and Finance programme provides high level training in quantitative methods, economic analysis, data science and finance.

Theoretical and technical knowledge will be developed for data analysis, undertaking projects, and for application in a vocational context through internships.

The Magistère leads to three diplomas in three years (a bachelor's degree, a Master's degree and the Magistère diploma), and has a vocational orientation.

This programme offers high-level training enabling graduates to take up positions of responsibility in large companies, financial institutions and national and international public bodies.



Scan to access the course lists,  
or click on this [LINK](#)!

## strengths

### International

Bilingual training, English classes, a semester abroad or a full year as part of a double degree.

### Teaching excellence

Renowned teaching staff, research-based teaching, training that provides methodological and operational tools.

### School environment within the university

Office hours, tutorials, small classes.

### Specialisation courses in M2

There are 7 possible courses in M2 depending on the M2 last year Master courses chosen by the student among Econometrics Statistics, Economics, or Finance fields.

### Close links with business

3 internships in 3 years, end-of-studies projects in 3rd year, courses taught in part by practitioners, learning about project management.

### Studies abroad and double degrees opportunities

A semester abroad is an integral part of the programme (examples of destinations: UK, Italy, Hungary, Portugal, United States, Finland, Canada, Norway, Spain, South Korea, Germany, Belgium, Portugal, Australia, etc.).

Students can also spend their second year (M1) abroad as part of the double Master's degrees offered with the universities of Konstanz, Tübingen, Lisbon, Venice, Rome, and Kent.

Courses taken abroad are validated by equivalence.

Extensive English language training is an important part of the first year programme in order to prepare for mobility.

### Internships and supervised projects

Work placements are an integral part of the course and count towards the final grade for the degree.

Students carry out applied econometrics projects.

In the final year, they work on a final year project (PFE) in data science. These projects provide essential additional practical training. They are operational projects supervised by a university lecturer and a professional tutor. The subjects of the PFEs are discussed with the professional partners. A written report is drawn up on the practical work and a presentation is made in the presence of the company.

### Career opportunities

Students' jobs depend on the Master's degree they choose: statistical econometrics, economics or finance.

Watch alumni testimonials on AMSE YouTube:

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

### Orientation assistance

At the end of the first semester in M1, an information meeting is organized to inform students of the possibilities for their M2 and/or to advise them individually if necessary.

Every year, our alumni meet with students during the Career Day and present their academic and career paths.

### Further studies

Students, when enrolled in the research track, can apply to a PhD program and write a thesis, at AMSE or other universities.

### Partnerships

Our teaching methods interact with the professional world, adding a professional and operational dimension to our courses. The partners with whom we currently collaborate (internships, advisory boards) and/or who contribute to the training are numerous. The Master's advisory board serves as a means to position the program within the local economic environment and beyond. It guides and validates our pedagogical choices and serves as a listening and informational resource for the socio-economic environment.

### Teaching and research

The Master in Economics is part of the *École Universitaire de recherche* (EUR) AMSE, which includes almost 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 expertise within those institutions. The teaching staff is supplemented with practitioners.

