amse
école d'économie d'aix-marseille
aix-marseille school of economics

# Master in Economics

Aix*Marseille université
Socialement engagée

A*Midex
Initiative d'excellence Aix-Marseille

FRANCE 2030

Faculté d'Économie et de Gestion
Aix*Marseille Université

cnrs

L'ÉCOLE DES HAUTES ÉTUDES EN SCIENCES SOCIALES

Centrale Méditerranée

Design
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AMSE

# Editorial

AMSE is an academic community with a worldwide approach to recruiting its teachers and students that offers a top-flight international graduate program.

In an ever-changing world, companies and public institutions increasingly need economists who understand the environment they operate in, and who are able to anticipate its evolution. This are the economists and leaders that AMSE trains.

As society increasingly goes digital, data are becoming a major resource in decision-making processes. Our students, trained in the techniques of economic analysis, statistics, and econometrics, therefore possess the skills needed to play a valuable role within firms and organizations.

Beyond their academic and technical training, AMSE students benefit from the international orientation of the school. AMSE welcomes students from all over the world.

Bilingual teaching is another key aspect of the AMSE program enabing students to gradually improve their ability to work in English.

AMSE School offers students a renowned first-rate education providing them with cutting-edge techniques and analytical frameworks and concepts.

AMSE has been labeled an «excellence academy» by the A*Midex foundation of Aix-Marseille University, thanks to the quality of its programme, its pedagogical innovations, and its bilingual curriculum.

Tanguy van Ypersele
AMSE School Director
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Faculté d'Économie et de Gestion
Aix-Marseille Université

Aix-Marseille School of Economics is a department of the Faculty of Economics and Management, within Aix-Marseille University

# In brief

The Aix-Marseille School of Economics is young, dynamic and open to the currents of society in all its diversity.

Our mission is to train economists that possess real know-how, both based on scientific and technical.

The AMSE training programme is rich and multidisciplinary. The curriculum is organized along the lines of the *Grandes Ecoles*, with a 3-year course of studies following a high school diploma (baccalaureate), or 2 years of studies following a high school diploma (baccalaureate), and culminates in a master's degree (5-year degree).

AMSE students come from the *Classes Préparatoires aux Grandes Écoles* (CPGE) and from the University.

The choice of classes held in English reflects our goal to help students entering the job market in France and abroad.

# 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), and Centrale Méditerranée (ECM). The teachers are selected according to their expertise within those institutions. The teaching staff is supplemented with practitioners.

AMSE does not regard research and teaching as being separate, letting new concepts and advances constantly feed into the curriculum.


Qualified practitioners in the pedagogic team.
Lectures combined with tutorials and application projects.
Acquisition of skills and expertise that can be used directly in a professional situation.

# Master: Economics

co-accredited by Aix-Marseille University (AMU) and Centrale Méditerranée (ECM)

This master's degree in Economics trains students to apprehend contemporary economic problems theoretically as well as practically so that they can fully understand the environment in which businesses and administrations operate, and anticipate the issues. This master's degree includes a quantitative dimension, necessary in a society increasingly overwhelmed by the role of data. Soaring numbers of jobs linked to economic analysis and data exploitation are predicted.

**TARGETED STUDENTS**

This master's addresses students who wish to further develop their knowledge of quantitative economics with a view to the job market (Bac+5) or doctoral studies.

**ADMISSION CONDITIONS**

First-year entry is recommended but it is possible to enter the second year (M2).

**STRUCTURE AND ORGANIZATION**

The first year of the master's degree consists of a core curriculum of 3 sequences spread over a 6-week period. The 6 remaining weeks are devoted to elective courses allowing the student to be initiated into new disciplines before making a choice of specialization for the second year, which has four tracks.

**KNOWLEDGE TO BE ACQUIRED**

Given the rapid evolution of needs in the job market, this degree will train professionals able to adapt to these changes. Such adaptability implies economic phenomena and requires extensive technical knowledge of economics. The first year of the degree will allow the student to acquire fundamental knowledge of theoretical economics and quantitative methods. The elective courses offered at the end of the first year will deepen and extend the student's knowledge of areas pertaining to the four second year tracks.

**PROFESSIONAL SKILLS TO BE ACQUIRED**

The first year aims at building comprehension of complex economic phenomena, enhancing the students' ability to write a dissertation or a report and to defend it orally. These skills may be strengthened (elective course) by an initiation in project management.

The training has a double target: academic and professional. A solid academic foundation is necessary whatever the direction the students take, enabling them to develop the analytical and thinking skills they will need to advance in their careers. This is the direction given to the cutting-edge teaching students need to receive if they want to enter the job market after graduating. Similarly, the thorough grounding in economics and econometrics required for those who want to pursue doctoral studies come from solid academic training.

**GUIDANCE FOR M2 CHOICE**

At AMSE, you can train in different fields centered on our areas of expertise and addressing current and future issues.

At the end of the first 18 weeks of the core M1 curriculum, an information-gathering session is organized to inform students on M2 programs and to advise them. Every year, a career day enables students to discuss their career goals with professionals and alumni.

**FURTHER EDUCATION**
Students can apply to a PhD program and write a thesis, at AMSE or other universities.

**PARTNERS**
There is constant interaction with the professional world, proving AMSE's pedagogical approach with an operational dimension. Many of our current partners are involved in the training. Examples inlude: Equancy, the NGO Santé-Sud, the Banque de France, etc.
The curriculum development council of the master program assess the relevance of the training, both for the local socioeconomic environment and beyond. It directs and validates our pedagogical choices enabling us to listen and to inform businesses.

## assets

**International focus**
Classes held in English, semester abroad or full year in one of our 6 double degree programs, recruiting students from abroad.

**Excellence**
Renowned faculty, state-of-the-art original research-based teaching, methodological and operational training.

**Areas of specialization**
Empirical and theoretical economics
Economic policy analysis
Econometrics, Big data, Statistics
Quantitative finance and Insurance

**Learning environment in the university**
Teachers available for consultation (office hours), supervised practical work, small classes.

**Close contact with the professional world**
Internships, courses taught by practitioners brought in the professional world, project management training, supervised end-of-study projects, curriculum development council

**Pre entry Day - September 2022**
Friendliness and sociability

# M1 curriculum

The first year aims at building comprehension of complex economic phenomena, strengthening the ability to write a dissertation or a report and to defend it orally.
The M1 is organised on the basis of a substantial common core.
The first semester is entirely common. It aims to generate a common knowledge base for students who may come from various backgrounds. The second semester remains relatively common and offers more targeted thematic courses without prefiguring the M2 specialisation.

**TARGET AUDIENCE**
The target audience is students having validated an economic, MIASHS or scientific licence. Selective access.

**COURSE LANGUAGE**
The M1 is taught in French and in English. Some courses are only taught in English.

**DOUBLE DEGREES**
The student can spend the M1 abroad following one of our double degree programs with the universities of Konstanz, Tübingen, Venice, Lisbon, Kent. In this case the student spends the entire year abroad.

**SYLLABI CLASSIC PROGRAM**

**Term 1**
- Refresher course in mathematics
- Macroeconomics I and II
- Econometrics I: Linear model
- Econometrics II: Non linear model
- Labor economics
- Risk and incentive
- Software for economists I
- Conducting a project with a scientific approach
- Microeconomics I
- Mathematics for economists

**Term 2**
- Microeconomics II - Game theory
- Microeconomics III - Public economics
- Macroeconomics III and IV
- Time series
- Software for economists II
- Mathematics for finance
- Evaluation by econometric methods
- Electives (choose 2 of 3):
  - Project management / Health and environmental economics
  - Introduction to corporate finance / Financial econometrics
  - Software for economists III / International trade

**SYLLABI *MAGISTÈRE* PROGRAM**
Students enrolled in both the Master's Economics and the *Magistère ingénieur économiste* are strongly encouraged to spend the first semester of the M1 abroad in a partner university (Europe, USA, Canada, Australia, Asia). Students who do not go abroad follow the first semester as presented below.

**Term 1**
- Refresher course in mathematics
- Macroeconomics I and II
- Econometrics I: Linear model
- Econometrics II: Non linear model
- Labor economics
- Risk and incentives
- Software for economists I
- Conducting a project with a scientific approach

- Big data, challenges and opportunities
- Programming for Big Data, an introduction to Python and SQL
- Softwares for Big Data
- Microeconomics I
- Mathematics for economists

**Term 2**
- Advanced SAS (Big Data)
- Introduction to machine learning
- Software for economists II
- Mathematics for finance
- Evaluation by econometric methods
- Microeconomics II - Game theory
- Microeconomics III - Public economics
- Macroeconomics III and IV
- Professional teachings:
  - Quantitative marketing
  - Software: R
  - Economic policy II
  - Insurance mecanisms
  - Orals in Economics
  - English orals
- Electives (choose 1 of 5):
  - Introduction to corporate finance
  - Project management
  - Health and environmental economics
  - Financial econometrics
  - International trade

# M2 curriculum
## Track **Empirical and theoritical economics**

This track aims at providing students with a general training in theoretical and empirical economics, which may lead to research or the conduct of economic analyses.

**FUNDAMENTAL PREREQUISITES**

A high-level training in theoretical and empirical economics is necessary to access the training.

This track is especially adapted to students who have validated the first year (M1) of the Master Economics in the AMSE department of the Faculty of Economics and Management at Aix-Marseille University. Access is possible in second year (M2).

**PROFESSIONAL SKILLS TO BE ACQUIRED**

The teaching program of this master's degree track aims at developing a deeper understanding and mastery of the latest developments in economic theory and its methods, as well as the theory and practice of econometrics. The program aims at initiating students into research and at developing their ability to define and conduct a research project in economics.

Professional skills targeted upon graduation:

- To contribute to a novel scientific production in economic sciences,
- To highlight the value of research results,
- To solve economic problems,
- To show expertise in an area of economic research.

**RESEARCH DISSERTATION OR INTERNSHIP**

The student's curriculum concludes on the writing of a research dissertation or an internship of at least three months. The writing of the dissertation is carried out under the supervision of an AMSE researcher.

**KNOWLEDGE CONTROL METHODS**

Each course is assessed by a written exam and/or the creation of a file presented during an oral defence. In order to limit the number of projects per student, the teachers propose transversal projects when it is possible.

**SYLLABI CLASSIC PROGRAM**

**Term 3**

- Advanced macroeconomics
- Advanced microeconomics
- Advanced econometrics
- Economics of networks
- Development economics
- Research questions
- Electives (choose 1 of 2):
  - Political economy / Incentives theory
  - Macroeconomic cycles / Automatic model selection methods
- Electives (choose 1 of 2):
  - International trade / Public choice
  - Health economics / Environmental economics

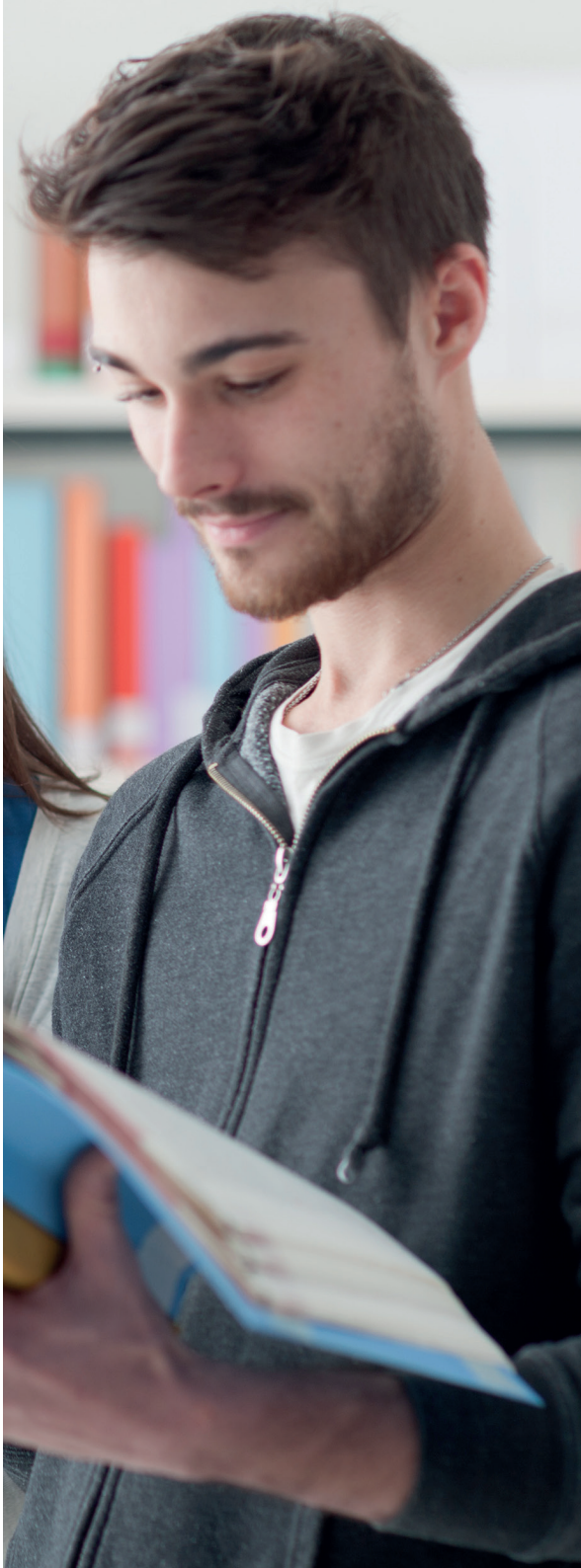
**Term 4**

- Research methodology
- Labor economics
- Labor econometrics
- Dynamic macroeconomics
- Theoretical econometrics
- Research dissertation or end-of-study
- Internship with report and defence

**SYLLABI *MAGISTÈRE* PROGRAM**

**Term 3**
- Advanced macroeconomics
- Advanced microeconomics
- Advanced econometrics
- Economics of networks
- Development economics
- Research questions
- Electives (choose 1 of 2):
  - Political economy / Incentives theory
  - Macroeconomic cycles / Automatic model selection methods
- Electives (choose 1 of 2):
  - International trade / Public choice
  - Health economics / Environmental economics
- End-of-study project
- IT tools for big data, a deeper view
- Advanced machine learning

**Term 4**
- Research methodology
- Labor economics
- Labor econometrics
- Dynamic macroeconomics
- Theoretical econometrics
- Managing big data with SAS
- Hands-on project
- Research dissertation or end-of-study
- Internship with report and defence



# **M2 curriculum**
## Track **Economic policy analysis**

This learning path aims at training economists in conducting economic projects and in elaborating economic policy recommendations. The program builds up expertise in areas such as development economics, environmental economics, health economics, housing economics or transport economics, and macroeconomics. An important emphasis is laid on projects tutored by professionals. Alternatively, students can select into the Apprenticeship track (alternance/apprentissage) in which they alternate between coursework at university and work in a firm.

**FUNDAMENTAL PREREQUISITES**

A solid training in quantitative and applied economic is required.

This track is particularly adapted to students who graduated from their first year of the AMSE Master of Economics (M1) at the Faculty of Economics and Management of Aix-Marseille University. Access to this second year of the master programme in economics (M2) is also possible for students who obtained 60 credits in a M1 in economics from other master programme with strong emphasis on quantitative methods.

**PROFESSIONAL SKILLS TO BE ACQUIRED**

The track objective is to enable students to strengthen their technical and writing skills as well as the analytical abilities needed to make informed decisions, identify and propose solutions to complex economic problems. Fundamental courses aim to develop technical skills to conduct in-depth analysis, while applied sessions are meant for students to learn how to launch projects and make use of econometric software or data science programing. Particular emphasis is placed on the production of projects tutored by scholars and professionals.

Main professional skills targeted at the end of this M2 track:

- To conduct economic projects inthe areas of environmental economics, health economics, development economics, housing economics, transport economics in relation with the macroeconomic context,
- To analyze economic problems by first identifying the specific needs of the private or public institutions handling the project and by bringing and bringing an expertise in economic analysis and/or statistics,
- To write synthetical notes in French and in English and to reporte them clearly in front of a knowledgeable audience and/or a jury.

**INTERNSHIPS AND SUPERVISED PROJECTS**

At the end of the year, the students complete an internship and write a master's internship report. The objective of the internship is to prove their ability to apply the conceptual tools mastered during the M2 to questions facing the professional sector. The student must therefore identify the question, implement the tools, and be able to communicate the results to both a professional and an academic audience. The internship is tutored by a scholar and an internship supervisor (from the firm or organization). The report is defended in front of a jury comprised of the academic advisor and the internship supervisor at minima.

**KNOWLEDGE CONTROL METHODS**

Each course is assessed by written exams and/or the making of a portfolio presented during an oral defense. Because the track aims at providing the student with quality analysis and a solid presentation of the results orally or through the written word, skills are also assessed by active participation of the student during classes (reverse pedagogy for instance). In order to limit the number of projects each student will have to put together, teachers propose transversal projects when it is possible.

**SYLLABI CLASSIC PROGRAM**

**Term 3**

- Writing and oral communication training
- Project management
- Quantitative tools in economics
- Econometrics of impact assessment
- Applied economics issues
- Big data and economics
- Transitions and economic policies
- Electives (choose 3 of 6):
  - Economics, finance and crises
  - Programming for big data (Python, SQL, noSQL, etc)
  - Development economics
  - Health economics
  - Environmental economics
  - Housing economics

**Term 4**

- Corporate strategy
- Collaborating with public organizations
- End-of-study internship with report and defence

**SYLLABI *MAGISTÈRE* PROGRAM**

**Term 3**

- Writing and oral communication training
- Project management
- Quantitative tools in economics
- Econometrics of impact assessment
- Applied economics issues
- Big data and economics
- Transitions and economic policies
- Economics, finance and crises
- Programming for big data (Python, SQL, noSQL, etc)
- Electives (choose 1 of 4):
  - Development economics
  - Health economics
  - Environmental economics
  - Housing economics
- End-of-study project
- IT tools for big data, a deeper view
- Advanced machine learning

**Term 4**

- Corporate strategy
- Collaborating with public organizations
- Managing big data with SAS
- Hands-on project
- End-of-study internship with report and defence

# **M2 curriculum**
## Track **Econometrics, Big Data, Statistics**

This is a course in Data Science built on solid statistical and econometric foundations. Students will learn how to code and apply machine learning techniques as well as interpret and communicate the results of their scientific projects. This will enable students to contribute to the development of relevant and robust answers to questions that businesses and administrations may ask themselves in their decision-making.

Beyond a solid knowledge of econometric and machine learning methods and their conditions of use, students will be trained to implement them on real data and to present the results, in oral or written form, to various audiences. Students will be trained in the use of English in any professional context: converse in English, use technical vocabulary, understand documentation and articles, and write in English.

At the end of M2, students will have acquired the technical skills to manage and analyse massive data sets, the soft skills to communicate, and thus be able to pursue professional careers as Data Scientists or Data Analysts. The pedagogy is based on the realization of projects. The student's capacity for analysis in a professional context, and therefore the student's employability, is developed by an end-of-study internship, completed by the writing and presentation of a report; alternatively, students can select into the Apprenticeship track (alternance/apprentissage) in which they alternate between coursework at university and work in a firm.

**FUNDAMENTAL PREREQUISITES**

Two validated econometrics teachings.

Having followed teachings in statistics (estimating, testing, and confidence intervals) and econometrics of linear and nonlinear models. Teachings in statistical and econometric softwares and programming languages.

**PROFESSIONAL SKILLS TO BE ACQUIRED**

Professional skills at the end of the M2:

- Know how to manipulate, analyse, and interpret data using state-of-the-art machine learning techniques and econometric methods, irrespective of its nature (e.g. quantitative, qualitative, or unstructured data such as text and images) or size.
- Be competent in various programming languages (such as Python and R) and data science applications (such as dashboard visualisations), to be able to adapt quickly to any business environment.
- Choose independently the best relevant machine learning tools and implement them in order to obtain reliable and robust answers that contribute to the creation of value for the company or provide useful analyses to public or private administrations in the conduct of their actions.
- Communicate clearly orally and in writing the results of your quantitative analyses to various audiences such as nonspecialist business managers or professional data scientists.

**INTERNSHIPS AND SUPERVISED PROJECTS**

At the end of the year, the students go through an internship and write a master's internship report. The report aims at proving the student's ability to use the conceptual

tools acquired to questions pertaining to the professional world. The student must therefore identify the question, implement the tools, and be able to communicate the results to both a professional and academic audience. The internship is tutored by a scholar and an internship director (a member of the business). The report is defended in front of a jury comprised of the academic tutor, the internship direct, and two other people with the relevant skills (with at least a scholar).

**KNOWLEDGE CONTROL METHODS**

Each course is assessed by a written exam or by an oral defense of a written portfolio. In order to limit the number of personal projects each student must put together, the teachers propose transversal projects unit when that is possible.

**SYLLABI CLASSIC PROGRAM**

**Term 3**

- Predictive methods
- Machine learning and statistical learning
- Non-parametric methods in econometrics
- Automatic model selection methods
- Methodology of econometrics and statistical studies
- Advanced econometrics
- Programming for big data (Python, SQL, noSQL, etc)
- Softwares for big data
- Electives (choose 1 of 4):
  - Big data and economics
  - Big data and quantitative marketing
  - Big data and finance
  - Big data: other applications

**Term 4**

- Transition and duration models
- Models for truncated and censored variables
- Multivariate and nonlinear time series
- End-of-study internship with report and defence

**SYLLABI *MAGISTÈRE* PROGRAM**

**Term 3**

- Predictive methods
- Machine learning and statistical learning
- Non-parametric methods in econometrics
- Automatic model selection methods
- Methodology of econometrics and statistical studies
- Advanced econometrics
- Programming for big data (Python, SQL, noSQL, etc)
- Softwares for big data
- Electives (choose 2 of 4):
  - Big data and economics
  - Big data and quantitative marketing
  - Big data and finance
  - Big data: other applications
- End-of-study project
- IT tools for big data, a deeper view
- Advanced machine learning

**Term 4**

- Transition and duration models
- Models for truncated and censored variables
- Multivariate and nonlinear time series
- Managing big data with SAS
- Hands-on project
- End-of-study internship with report and defence

# M2 curriculum
## Track **Quantitative finance and insurance**

The training provides a comprehensive approach to insurance and financial markets. It gives students both empirical and theoretical skills which allow them to understand market mechanisms. The main goal is to provide the student with a certain number of theoretical and empirical tools to allow him/her to evolve in most jobs of the financial and actuarial sector and to grasp the future stakes.
This track is co-organized with Centrale Méditerranée. Most courses specific to this track are common to both schools.
Alternatively, students can select into the Apprenticeship track (alternance/ apprentissage) in which they alternate between coursework at university and work in a firm.

**FUNDAMENTAL PREREQUISITES**
Solid bases in microeconomics (especially contract theories), as well as probabilities (conditional probabilities among others) and statistics (estimating and testing) are necessary. Notions in economics of uncertainty are recommended.
Some knowledge of the economics of uncertainty is recommended.

**PROFESSIONAL SKILLS TO BE ACQUIRED**
Main professional skills targeted at after graduation:
- To understand how insurance and finance markets work.
- To apprehend and model financial and insurance related settings to build relevant strategies.
- To evaluate a company or project with a view to funding or to deal.
- To evaluate a financial asset prior to positioning (buying/selling).
- To compare various investment strategies.
- To measure the performance of financial assets.
- To modelize behaviour in the face of risk to solve complex financial problems.

**INTERNSHIPS AND SUPERVISED PROJECTS**
At the end of the year, the students go through an internship and write a master's internship report. The goal of the report is to prove their ability to apply the conceptual tools they have acquired to issues of the professional world. The student must therefore identify the question, implement the tools and be able to communicate the results to a professional audience as well as an academic one. The project is tutored by a scholar and an internship director (a member of the business). The report is defended in front of a jury comprised of the academic tutor, the internship director and two other people with acknowledged skills (and at least one scholar).

**KNOWLEDGE CONTROL METHODS**
Each course is assessed by a written exam or the making of a file presented during an oral defense. To limit the number of personal projects for each student, the teachers propose transversal projects when that is possible.

**SYLLABI CLASSIC PROGRAM**

**Term 3**
- Models of finance
- Portfolio management
- Corporate finance I
- Economics of risk and insurance
- Stochastic finance
- Econometrics of banking and finance
- Big data and finance
- Actuarial science I
- Economics, finance and crises
- Innovation and finance

**Term 4**
- Electives (choose 2 of 4):
  - Numerical methods for finance
  - Actuarial science II
  - Corporate finance II
  - Credit risk
- End-of-study internship with report and defence

**SYLLABI *MAGISTÈRE* PROGRAM**

**Term 3**
- Models of finance
- Portfolio management
- Corporate finance I
- Economics of risk and insurance
- Stochastic finance
- Econometrics of banking and finance
- Big data and finance
- Actuarial science I
- Economics, finance and crises
- Innovation and finance
- End-of-study project
- IT tools for big data, a deeper view
- Advanced machine learning

**Term 4**
- Electives (choose 2 of 4):
  - Numerical methods for finance
  - Actuarial science II
  - Corporate finance II
  - Credit risk
- Managing big data with SAS
- Hands-on project
- End-of-study internship with report and defence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# The AMSE CAREER DAY - November 2022

The career day is a key event. It gives students the chance to meet economists, among them a lot of alumni, to gain insights from them, and learn about the different career possibilities open to an economist.

# Work-study program in M2

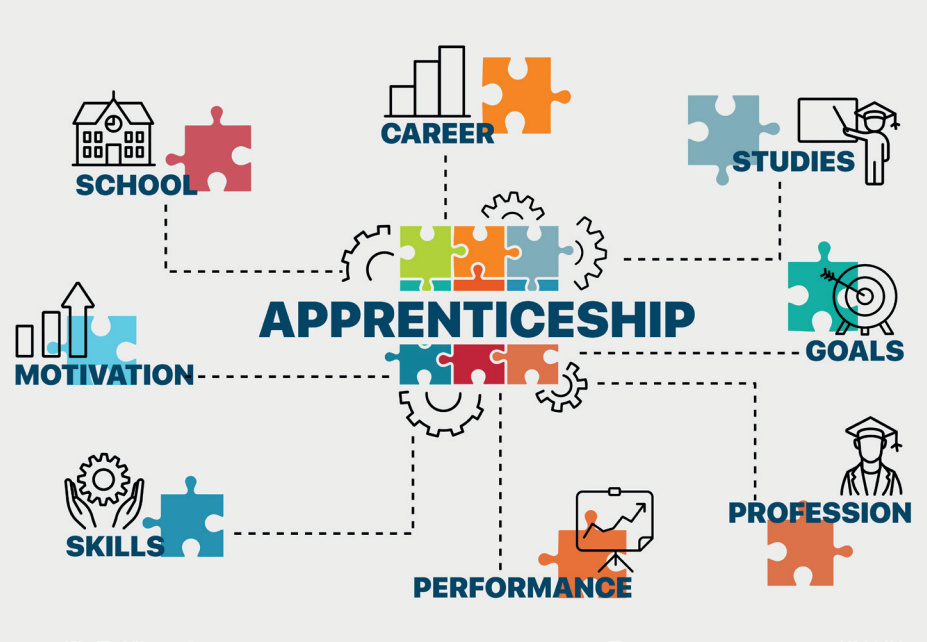
Choosing a work-study program means training for an advanced university degree while acquiring professional experience in the field. this will add value to your CV and help you get a job right after graduation.

**Students' commitments**

- To give their best
- To act as a true colleague within the company
- To work in accordance with the company's rules and procedures
- To be assiduous
- To invest in their academic learning

**AMSE commitments**

- To provide state-of-the-art training that includes practical expertise that can be applied and used in the company
- To manage work-study contracts
- To monitor the student throughout the work-study period



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I chose apprenticeship because I thought it would be the best way to learn more about what I want and what I don’t want in my future job. It is also the best way to gain experience, and that really counts when you’re a new graduate looking for a job. Another advantage is obviously the fact that you get paid and that the company pays the university tuition fees.
I had already done two internships before this apprenticeship, and they helped me make my decision: I liked working with a team on concrete and challenging projects.

**Marie Bruguet**, M2 EBDS promo 2022-2023

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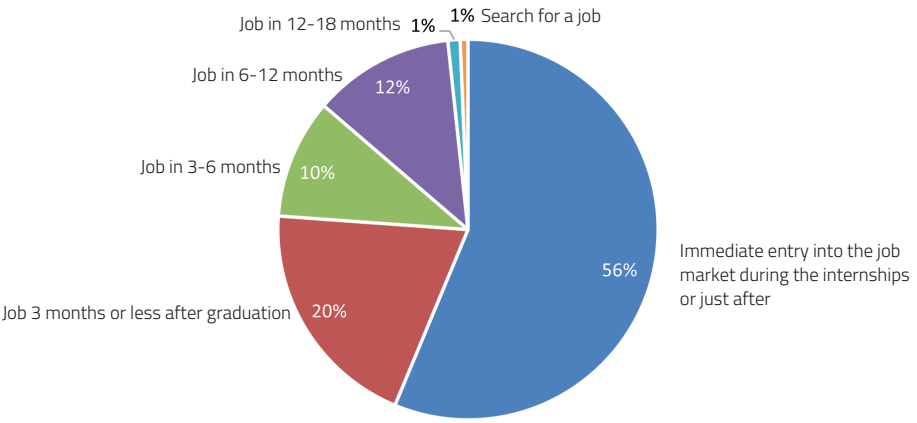
Apprentices receive dual supervision throughout their Master’s from the company’s apprenticeship supervisor and from a university tutor.
The latter, appointed from among the AMSE teachers, ensures that the apprenticeship runs smoothly throughout the academic year and that the internship report is completed. The tutor also makes two visits to the company. As Head of Apprenticeship, my mission is to supervise students who choose to do an apprenticeship in M2 EBDS.

**Mathieu Lefebvre**, Head of Apprenticeship at AMSE

# Entering the job market

Ensuring that our students enter the job market is one of our major concerns. AMSE trains economists, equipping them for economic analysis, statistics and big data. To achieve this, the training program includes also English language courses, internships in companies each year of the program, and end-of-study projects supervised by practitioners who play very active role in the curriculum.

Average timeframe of job market entry for 2018, 2019, 2020 and 2021 graduates. Information gathered from surveys conducted among our students. Average participation rate: 79.75% of graduates.




## Soft skills

*Qualifications alone no longer guarantee employment. Recruiters are looking both for technical skills and for soft skills related to social interactions and critical thinking. They place particular importance on certain capacities that are at the heart of our pedagogical approach, such as teamwork, decision-making, problem-solving, and oral/written communication. These skills will strengthen the company's culture and its organizational agility.*

# First jobs after graduation

As with all recognized educational institutions, the attractiveness of AMSE school is based primarily on the quality of its students' professional development.

Every year, our alumni meet with students during the school's career day and present their AMSE experience and their careers.

Examples of jobs held by our alumni :

- Group Risk Manager **CMA CGM**
- Junior Project Manager **RISING SUD**
- Research officer **INSTITUT LOUIS BACHELIER**
- Data Analyst **VOYAGE PRIVE**
- Economist **CEPREMAP**
- Head of user feedback and analysis **MINISTERE TRANSFORMATION PUBLIQUE**
- Data scientist-statistician **BANQUE DE FRANCE**
- Business Intelligence consultant **BUSINESS & DECISION**
- Project Manager **FRANCE STRATEGIE**
- Educational Consultant **BANQUE MONDIALE**
- Researcher in health, statistics & economic environment **MINISTERE SOLIDARITES ET SANTE**
- Data Scientist **AIRBUS HELICOPTERS**
- Consultant **OCDE**
- Risk Analyst **BNP PARIBAS**
- Actuarial project Manager, reinsurane **AXA**
- Quantitative Credit Risk Analyst **BKT - Banka Kombetare Tregtare**
- Customer Success Manager **IQVIA FRANCE**
- Control risk analyst **OPEL WAUSHALL FINANCE**
- Investigator **DRAAF Direction Régionale de l'Alimentation, de l'Agriculture et de la Forêt**

Watch the alumni talks on YouTube
https://www.youtube.com/c/amsechannel

# Students' associations

## Active student life: AMSO'EXCITED

The students' office (BDE), Amso'Excited, plays a key role in student life within the school.
The association regularly organizes major events to make student life at AMSE enjoyable, integration weekends, annual gala, and other themed evenings.
https://fr-fr.facebook.com/bdeamse/

## Junior enterprise: JUNIOR DATA ANALYST

Junior Data Analysts (JDA) is AMSE's Junior Enterprise, a non-profit association. Established as part of the school, it offers its students the opportunity to put their many academic skills into practice to raise their professional visibility and foster business relationships.
https://jda-conseil.fr/

## Graduates: AMSE Alumni

AMSE Alumni is a network of professionals that can help students enter the job market or find an internship. Thanks to this network, our graduates have the opportunity to be recruited directly from within the school.


Pre entry Day - September 2022

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AMSE has given me the ability to reflect and understand, work rigorously, curiosity, and a taste for research. My best memories... undoubtedly my friends, and the graduation ceremony. My family was there, and I was extremely proud.

**Clément Collin-Drapy, graduated in 2018**
Third-Party Relationships Analyst at CACEIS Bank, Luxembourg


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## Notes

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École AMSE - April 2023