



# MASTER IN QUANTITATIVE ECONOMICS

TRACK

## QUANTITATIVE ECONOMIC ANALYSIS

### Training INITIAL/EXECUTIVE EDUCATION

This programme delivers high-quality academic training for economic research, allowing an in-depth analysis of a broad spectrum of contemporary economic problems. Taught in English, the cursus provides a strong content in advanced quantitative methods, including innovative methods in massive data processing.

It allows students to pursue either PhD programmes or professional economist careers in the private and public sectors.



### OVERVIEW

#### 210 hours

Two semesters,  
Courses from September to March

#### 3 specialisation fields

Economic Theory,  
Social & Public policies,  
Macroeconomics, Finance &  
Trade

Master thesis during the 2d semester

#### 30 students

### TARGET COMPETENCIES

- In-depth knowledge of contemporary research problematics in your chosen specialisation track, in addition to a command of fundamental economic concepts
- Excellent aptitude to master advanced quantitative tools for processing and analysing datasets, including massive datasets

### CURRICULUM

#### Joint mandatory courses:

- Machine Learning
- Python for data science
- Advanced econometrics

#### Specialized courses' themes:

- Public policies in Health, Labor, Development economics
- Individual and collection decisions in strategic environment
- Business cycles, financial frictions and globalization

### + OUR STRENGTHS

- Enroll in a high-quality cursus in economic research and acquire the certificate in Advanced Quantitative Methods in Economics of the PSL Graduate Program in Economics
- Obtain a master's degree with strong international visibility: Aligned on international standards, entirely in English, and with a strong content in advanced quantitative methods
- Address nowadays economic issues and the induced challenges for economic policy design
- Master advanced quantitative techniques, including innovative methods in large data processing

## CAREERS

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### 2 MONTH

job hunting's  
average duration

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### 100%

Professional integration rate

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€ **31,392**

median initial salary

## GRADUATE PLACEMENT

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Enroll in a doctoral program, in France and abroad

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Embrace a career as Professional economist in the public and parapublic sector (government, central banks) and international institutions (IMF, OECD, ...)

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Get a position as quantitative economist in private businesses from various sectors: banking, insurance, consulting, health industry, energy

## PSL GRADUATE PROGRAMME & AQME CERTIFICATE

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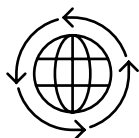
Possibility for students in Master 1 Quantitative Economics and Master 2 Quantitative Economic Analysis to acquire the Certificate in Advanced Quantitative Methods in Economics (AQME) of the PSL Graduate Program in Economics.

The AQME certificate: A 2-year training with advanced courses in economics and research internship opportunity.

## INTERNATIONAL

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All classes are delivered in English



## + LEARN MORE

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Training coordination  
Lise PATUREAU

Contact: [contact.m2-quantitative-economic-analysis@dauphine.psl.eu](mailto:contact.m2-quantitative-economic-analysis@dauphine.psl.eu)

Career center of Paris Dauphine-PSL University  
[information.orientation@dauphine.psl.eu](mailto:information.orientation@dauphine.psl.eu)



## APPLY

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### PREREQUISITES

— Students from France or abroad who hold a master's degree equivaling to 60 ECTS credits in a relevant field of study such as economics, mathematics applied to social sciences, computer sciences applied to economics

— For students from EU-universities: Fluency in English attested by either TOEFL-iBT results (min score 90), IELTS (min score 6.5), GMAT or GRE results (min 650 in GMAT equivalent)

— For students from non-EU universities: GMAT or GRE results (min 650 in GMAT equivalent)

### ADMISSION PROCEDURE

— Apply online on the MyCandidature application: [candidatures.dauphine.fr](https://candidatures.dauphine.fr)

## OTHER SPECIALIZATIONS FOR MASTER 2<sup>ND</sup> YEAR



— Digital Economics

