MASTER IN QUANTITATIVE ECONOMICS

The Quantitative Economic Analysis Master specialization delivers high-quality academic training geared towards research in economics. It provides an excellent knowledge of advanced quantitative methods, including innovative methods for processing large datasets. The program serves as an excellent foundation for PhD programs or paves the way to a career as a professional economist in the private as well as the public sectors.

OVERVIEW

232 hours
Two semesters, of 12 weeks each

30 STUDENTS

CURRICULUM

To consult the curriculum list, click here

Advanced microeconometrics
Advanced macroeconometrics
Big Data and machine learning
Contract Theory & Mechanism design
Advanced Game Theory
Behavioral Economics
Industrial Organisation
Market design & Information design
Labor economics
Health economics
Economics of Education
Energy policies
Market finance
Business cycles and stabilization policies
International macroeconomics and trade
Monetary and banking economics

OUR STRENGTHS

+ Acquire an in-depth academic training covering a broad range of economic issues, and learn about the decision-making process of public and private economic stakeholders
+ Strong international recognition of the degree, due to several assets: A graduate program aligned on international standards, with high reliance on mathematical modelling and quantitative methods, in English
+ Benefit from a diversified curriculum with a strong content in advanced quantitative methods, including innovative techniques for the processing of large datasets and computer programming of complex economic problems

TARGET COMPETENCIES

+ Acquire an advanced knowledge in different fields of contemporary research in economics, along with a deep understanding of the fundamental economic concepts
+ Acquire a strong capacity to understand and implement the most advanced quantitative tools for the processing and analysis of datasets
CAREERS

GRADUATE PLACEMENT:
Enroll in a doctoral program, in France and abroad
Professional economist in the public and parapublic sector (government, central banks) and international institutions (IMF, OECD, ...)
Professional economist in financial institutions and other private businesses

INTERNATIONAL

- All classes delivered in English.
- Worldwide exchange programs with the 24 member universities of the QTEM international network (Quantitative Techniques for Economics and Management), and with Bocconi University (Italy)

APPLY

PREREQUISITES
- Students from France and abroad who have obtained the 60 ECTS credits from the first year of the master in Quantitative Economics or from the first year of another Master from the Paris-Dauphine University, an institution from PSL or another institution considered as equivalent.

ADMISSION PROCEDURE
- Apply online on the e-candidat application: candidatures.mso.dauphine.fr

LEARN MORE

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OTHER SPECIALIZATIONS FOR MASTER 2ND YEAR

→ Digital Economics