STRONG POINTS OF THE MASTER

Acquire an advanced academic training geared towards research in economics and learn about public and private economic stakeholders’ decision making.

Benefit from a diversified curriculum with a strong content in advanced quantitative methods during a two-year programme taught in English.

Learn innovative techniques in large datasets processing and complex economic problems programming.

DEGREE LEVEL : BAC + 5

DAUPHINE MASTER’S : Grand Établissement Master’s degree

DURATION : 4 semesters / 120 crédits ECTS

ORGANIZATION : Initial training

HEAD OF PROGRAM : Lise PATUREAU University Professor
THE PROFESSIONAL INTEGRATION OF YOUNG GRADUATES

1er JOB got on average 1 month after graduation

41 392 € average annual salary

54% of Dauphine’s students have a job, out of which 92% as executives, independent professions or public service managers

Source : Enquête en collaboration avec la Conférence des Grandes Écoles, réalisée de janvier à avril 2020 auprès des diplômés de la promotion 2018.

DYNAMISM AND INTERNATIONAL OPENNESS

— A strong content in quantitative methods that includes massive datasets processing.

— A high-quality programme in economic research within PSL Graduate Programme in Economics.

— Taught entirely in English and aligned to the best international standards.

— Exchange and internship opportunities worldwide thanks to QTEM’s network of universities and companies.

MAIN OPPORTUNITIES

— Data analyst
— Data scientist
— Consulting in public and private companies
— Professional economist in ministries, parastatals (central banks), international institutions (IMF, OECD, ...), financial institutions (banking, insurance) and large private sector companies
OVERVIEW OF THE PROGRAM

L3 or equivalent of other institutions

FIRST YEAR OF QUANTITATIVE ECONOMICS MASTER

Mandatory courses:
Macroeconomics, Microeconomics, Econometrics, Game Theory

SECOND YEAR OF QUANTITATIVE ECONOMICS MASTER

“Quantitative Economic Analysis” track:
choose among 3 specialization fields
Theory, Social & Public policies, Macroeconomics & Finance

“Digital Economics” track:
choose among 2 specialization fields
Marketing & Networks, Digital Finance

Quantitative Economic Analysis
Digital Economics

INITIAL TRAINING
INITIAL TRAINING
AN OPEN DOOR TO RESEARCH AND INTERNATIONAL CAREERS

This programme strives to train top-level economists, open-minded and responsive to challenges to contemporary economy. Geared towards excellence, this cursus enables students to either pursue PhD programmes worldwide or apply to economist careers within private and public sectors, Ministries, and international institutions.

INVOLED PARTNERS

Worldwide exchange program within QTEM’s international network of universities and companies (Quantitative Techniques for Economics and Management).

Interactions with Paris Dauphine - PSL University’s research centres: LEDa (Economics), DRM (Management and Finance), LAMSADE (Computer Sciences), CEREMADE (applied mathematics) and Mines Paristech (Economics).

APPLY

WHO CAN APPLY ?

— Students from France and abroad who hold a bachelor’s degree or equivalent diploma within a relevant field of study (such as economics, mathematics applied to social sciences, IT applied to economics)
— B2 level in English, validated through TOEFL-iBT or IELTS tests

HOW TO APPLY ?

— Application should be made on: candidatures.dauphine.fr
— All information is available online

MASTER IN QUANTITATIVE ECONOMICS

Contact lucie.neuville@dauphine.psl.eu dauphine.psl.eu
Career center information.orientation@dauphine.psl.eu
The aim is to lead students towards expertise in digital economics. This cursus trains quantitative economists in massive and complex datasets exploitation to enlighten companies and institutions’ decisions.

**OVERVIEW**
- **300 hours**
  Courses from September to June
- **Mandatory internship**
  4 months at least
- **25 students**

**CURRICULUM**
- **Joint mandatory courses:**
  - Machine Learning
  - Ethics, algorithm and data
  - Digital currencies & Blockchain
- **2 specialisation tracks:**
  - Internet Economics
  - Digital Finance

**OUR STRENGTHS**
- Implement statistical and econometrical tools to obtain solid and reliable answers, allowing the enlightenment of companies and institutions’ decisions
- Learn innovative methods in massive datasets processing.
- Train in large and complex databases’ programming

**TARGETED COMPETENCIES**
- Expertise in digital economics
- Knowledge of data access’ legal and ethical frameworks
- Expertise in massive datasets analysing and processing methods
GRADUATE PLACEMENT

Data analyst
—
Data scientist
—
Advisor in private and public companies

LEARN MORE

Training coordination
René AID & Clémentine GARROUSTE
Contact: lucie.neuville@dauphine.psl.eu

Career center of Paris Dauphine-PSL University
information.orientation@dauphine.psl.eu

PREREQUISITES

— Students who hold a master’s degree equalling to 60 ECTS at least in a relevant field of study (such as economics, mathematics, mathematics applied to social sciences)

— B2 level in English, validated by TOEFL-IBT (90 at least) or IELTS (6.5 at least)

ADMISSION PROCEDURE

— Apply online on the MyCandidature application: candidatures.dauphine.fr

OTHER SPECIALIZATIONS OF THE 2ND YEAR OF MASTER

— Quantitative Economic Analysis
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 datasets processing. It allows students to pursue either PhD programmes or professional economist careers in the private and public sectors.
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 are delivered in English

— International exchange and internship opportunities thanks to QTEM’s network of 25 universities and 15 companies worldwide (Quantitative Techniques for Economics and Management)

INTERNATIONAL

TRAINING COORDINATION

Lise PATUREAU
Contact: lucie.neuville@dauphine.psl.eu

Career center of Paris Dauphine-PSL University
information.orientation@dauphine.psl.eu

LEARN MORE

PREREQUISITES

— Students from France or abroad who hold a master’s degree equiviling to 60 ECTS credits in a relevant field of study

— B2 level in English, validated by IELTS or TOEFL-IBT tests

ADMISSION PROCEDURE

— Apply online on the MyCandidature application: candidatures.dauphine.fr

APPLY

OTHER SPECIALIZATIONS FOR MASTER 2ND YEAR

— Digital Economics