



# MASTER QUANTITATIVE ECONOMICS

TRACK 297

## DIGITAL ECONOMICS

### Training INITIAL

This cursus provides expert training in digital economics and methods for analyzing massive data. Taught in English, the program aims to train quantitative economists in processing and modeling large, complex datasets to shed light on the decisions of businesses and institutional stakeholders.



### OVERVIEW

---

#### **300 hours**

Courses from September to April

#### **Mandatory internship**

4 months at least

#### **30 students**

### CURRICULUM

---

#### **Joint mandatory courses:**

- Machine Learning
- Ethics, algorithm and data
- Digital currencies & Blockchain

**A pedagogical team** made of academics and practitioners, from start-up firms to multinational companies

### ⊕ OUR STRENGTHS

---

- Implement statistical and econometrical tools to obtain solid and reliable answers, allowing the enlightenment of companies and institutions' decisions
- Learn about quantitative methods for processing massive data
- Interpret and report on the results of economic, statistical and/or econometric results to different audiences, orally and in writing

### TARGETED COMPETENCIES

---

- Expertise in digital economics
- Knowledge of data access' legal and ethical frameworks
- Expertise in massive datasets analysing and processing methods

## CAREERS

---

### JOB FOUND BEFORE GRADUATION

job hunting's average duration

**100%**

Professional integration rate

**€ 44,260**

median initial salary

## LEARN MORE

---

Training coordination

Madalina OLTEANU & René AÏD

Contact: [contact.m2-digital-economics@dauphine.psl.eu](mailto:contact.m2-digital-economics@dauphine.psl.eu)

Career center of Paris Dauphine-PSL University

[information.orientation@dauphine.psl.eu](mailto:information.orientation@dauphine.psl.eu)

## GRADUATE PLACEMENT

---

Data analyst

Data scientist

Consultant in private and public companies



## APPLY

---

### 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)

— Applicants should have a solid academic background in the following fields: Economics, mathematics applied to economics, computer science applied to economics, or any other educational program with a quantitative component

### ADMISSION PROCEDURE

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

## OTHER SPECIALIZATIONS OF THE 2<sup>ND</sup> YEAR OF MASTER



— Quantitative Economic Analysis

