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

2 specialisation tracks:
— Network 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 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
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

OTHER SPECIALIZATIONS OF THE 2ND YEAR OF MASTER
— Quantitative Economic Analysis