



APPLICATION REQUIREMENTS AND DEADLINES

Applicants must hold or expect to hold an undergraduate degree in Economics or Mathematics prior to the beginning of the program. In order to submit an application, applicants must also supply the following:

- Copies of degrees and transcripts of all previous higher education
- 2 academic references, at least 1 from your current institution
- Personal statement & CV or resume
- A minimum IELTS score of 6.5 or a TOEFL iBT score of 90 (please consult our website for information about exemptions)
- GRE scores are not required but will be considered if provided.

No paper copies are needed for the admission process. Applications are reviewed in rounds, 3 times a year. Applying early improves your chances.

The application deadlines for the Fall 2018 intake are:

> **January 7, 2018**

> **March 18, 2018**

> **May 6, 2018**

Decisions will be released 4 to 6 weeks after each application deadline.

For more information, visit our website portail.polytechnique.edu/graduatedegree

or contact our admissions team at gdadmissions@polytechnique.fr

FEES AND FINANCING

Application fee: 80 €

Tuition fees: 12,000 € per year

For information concerning financing and scholarships please consult our website:
<https://portail.polytechnique.edu/graduatedegree/economics>

ECONOMICS, DATA ANALYTICS AND CORPORATE FINANCE

Quantitative-based Corporate Strategy
in Disruptive Markets



ABOUT THE GRADUATE DEGREE



Ecole Polytechnique's full-time graduate degree programs are industry oriented and combine state-of-the-art multidisciplinary education and in-depth scientific knowledge. These two-year programs, taught entirely in English, are designed for highly-qualified undergraduates with a strong quantitative background in Science, Engineering and Economics depending on the programme.

140 ECTS credits are achieved during the degree program, which results in an internationally recognized academic qualification.

Industry collaboration for real-world education

Now more than ever, employers favor graduates who can bring real-world experience and perspectives to their organization from day one. Our programs will help you:

- develop a broad understanding of your future professional industry,
- build your professional network,
- enhance your practical and soft skills,
- significantly increase your marketability to potential employers.

Academic courses are developed and delivered by world-class faculty from Ecole Polytechnique, associated Research Centers, national and international academic partners as well as by top-level industry professionals.

The Graduate degree programs also include company visits and conferences held by leading figures in business. Individual and team projects and the internships can be undertaken in collaboration with one of our many industrial partners, in France or abroad.

High-level research combined with innovation management know-how

In order to prepare you to take on leadership positions in technology-driven organizations, we think that you first need to understand the frontiers of technology and know-how to build bridges between research and the corporate world. You will learn to combine fundamental research, technology application and development, and innovation management.

Ecole Polytechnique's Research Center includes 22 world-class scientific departments in 8 major fields addressing today's most pressing social and technological challenges through interdisciplinary and cross-functional projects. Most of them are joint research units with the world-renowned French National Center for Scientific Research (CNRS). As part of your course, you will have the opportunity to work on cutting-edge research guided by some of the most distinguished faculty in the world.

Innovation, Management and Entrepreneurship

In addition to our laboratories, you will also have access to our Entrepreneur and Innovation center, a unique startup environment comprising an incubator, an accelerator, a prototyping area and diverse co-working spaces. This center allows us to offer our Graduate Degree students a curriculum that integrates science and engineering with leadership, innovation, entrepreneurship and core management concepts.

Career Services

Ecole Polytechnique provides careers advice and support throughout the program, ranging from helping you define your professional goals to making competitive job applications and excelling at interviews! Workshops on writing CVs, information sessions on job search strategy, networking events, and an annual job fair are among the many services that we offer.



ABOUT ECOLE POLYTECHNIQUE

Ecole Polytechnique upholds a tradition of excellence in multidisciplinary education covering applied sciences, humanities, languages and sports. It is a world renowned science and technology university, at which students benefit from a 5:1 student-teacher ratio. Our students receive tailored advice from faculty members for their personal development, career plans and future prospects.

Our campus is part of the Université Paris-Saclay scientific and economic cluster, where global business heavyweights who contend with disruption meet the research driving technological innovation. This combination results in a unique approach to professional training, accounting for Ecole Polytechnique's ranking among the world's 10 most attractive schools for employers, according to the QS Graduate Employability Rankings 2017.

ECONOMICS, DATA ANALYTICS AND CORPORATE FINANCE

QUANTITATIVE-BASED CORPORATE STRATEGY IN DISRUPTIVE MARKETS



Technology permeates every sector of today's economy and is constantly being improved and updated. In this environment, innovation gives researchers, companies and entrepreneurs leverage to disrupt and succeed. The Economics, Data Analytics and Corporate Finance graduate degree offers students a unique opportunity to understand the transformations that are taking place across markets and competitive business environments, based on quantitative economic methods.

Principally an economics degree, students also gain a firm grasp of the dynamics of technological innovation in business and organizational contexts and leave with a complete quantitative toolbox and economic analysis skillset to complement their technical background. A wide range of career choices are open to graduates from this program, from Strategic Business Unit Leaders to Strategy Consultants or Entrepreneurs. Graduates will leave with the knowledge to navigate the trends shaping the 21st-century digital economy.

Through high-level coursework, research projects and internships, our students acquire two complementary skill sets: how to apply quantitative methods including statistics and operations research to competitive environments in new and transforming markets, and how to understand corporate strategy in situations of discontinuity and disruption from a sophisticated economics base.

The Economics, Data Analytics and Corporate Finance program arms its students with the quantitative methodology and real-world experience required for a thorough economic training. Over the course of two years, the building up of students' toolbox is put to use through up to nine months of industrial internships.

This training relies both on courses in economic methodology comprising industrial organization, econometrics, and financial markets, and on practical 'field courses' that set out to study the challenges faced by different sectors in greater depth so as to uncover hidden trends in specific market segments and business models.

Program Structure

Our wide-reaching network of industrial partners results in key industry insights from leading business figures, as well as in numerous internship opportunities for students. Finally, our students spend up to nine months of their degree program honing their new skills in a professional environment, receiving one-on-one guidance from their tutors and mentors.

September Y

FOUNDATION COURSES IN MICROECONOMICS, FINANCE AND DATA SCIENCE

INTERNSHIP
(4 MONTHS)

September Y + 1

DATA SCIENCE: ADVANCED ECONOMETRICS / BIG DATA

MICROECONOMICS: ADVANCED INDUSTRIAL ECONOMICS / ECONOMICS OF NEW TECHNOLOGIES

FINANCE: VALUATION OF START UPS / ADVANCED CORPORATE FINANCE

INTERNSHIP
(6 MONTHS)

JOB MARKER WORKSHOPS | MEETINGS WITH ALUMNI | NETWORKING EVENTS | CAREER FAIRS | CONFERENCES | ETC.

Find out more about the faculty, course syllabus, career outcomes and financial aid here:

<https://portail.polytechnique.edu/graduatedegree/economics>