



École Centrale Paris

PROFILE

Ingenuous engineers for the 21st century. Entering «Ecole Centrale Paris» is a choice, which implies:

- Increasing a wide range of skills in the spectrum of science and technology
- Developing entrepreneurial spirit, cultivating initiative and creativity
- Connecting to company management and the engineering professions
- Embracing communication and teamwork
- Interfacing with worldwide cultures and realities.

Being a Centralien is being a professional with a broad education, a creative go-getter aware of responsibilities, a communicator and a pedagogue, interfacing with international and multicultural realities and bearing a common ethic. The engineer's role of social mediator, as emphasised by the founders of Ecole Centrale, is more pertinent than ever.

Ecole Centrale Paris is also a modern international School. Agreements with over 100 universities in more than 30 countries enable students to start their career with with a strong international experience. Commitment to the educational project means taking responsibility, stretching the limits of autonomy and developing initiative. It means learning to listen and to understand others in a multicultural context.

Major fields of study

École Centrale Paris awards the following degree: "Centralien" also known as "Ingénieur Diplômé de l'École Centrale des Arts et Manufactures".

The educational program is based upon an integrated multidisciplinary approach that harmoniously blends basic scientific and technical education, and a solid initiation to economic, social and human realities of industry. This project is broken down into:

- First year: common curriculum, second year: electives
- One year devoted to an Area of Concentration and to a professional track.

The 16-month plan of studies for final year students is organized along the following lines:

- An Area of Concentration to be chosen amongst 9 science or industry-related sectors: the course contents have been updated and broadened (23 weeks of work),
- A choice between 6 Professional Tracks (10 weeks of work), as they are applicable to the graduate's "début" in an engineering profession, (seven months long).

École Centrale Paris 3rd year Area of Concentration list :

- Civil Engineering
- Industrial Engineering
- Information Technology
- Applied Mathematics
- Mechanical and Aerospace Engineering
- Applied Physics
- Process and Environmental Engineering
- Electrical Engineering
- Energy

École Centrale Paris 3rd year Professional Track list :

- Centrale Entrepreneurs (Company Start-up)
- Design, Development and Research
- Project Management
- Operational Management
- Strategy, Finance, Research

Research

Research activities are split into 5 major fields:

Mechanics, Thermal physics and combustion, Material and processes, Applied physics, Applied mathematics and computer science, Applied mathematics and computer science, Industrial European Business, Economy and Gestion. In practice, the laboratories collaborate with almost all the partners in the economy including service industries. Moreover «Ecole Centrale Paris» is involved in new sectors, which employ more and more engineers, like health and biotechnologies.

Strengths

Through its vocation, École Centrale is the "School for Companies". strengthened and reinforced over the years. This intrinsic collaboration has become an everyday reality, and part of the daily life of the institution. The originality and strength of «Centrale Paris» lies in the opportunity for students to spend at least 5 months abroad to get their degree. Moreover, each year, about 40% of the total graduates have the opportunity to obtain a double degree.

Location

Campus of Châtenay-Malabry (92 - Hauts de Seine) - 10 km from the centre of Paris.

IDENTITY FORM

Precise name of the institution →	École Centrale Paris
Type of institution →	Public
City where the main campus is located →	Châtenay Malabry (92295)
Number of students →	Cursus ingénieur = 1400 (Main Engineering Diploma)
Percentage or number of international students →	About 35%
Type and level of qualifications awarded →	• ECP Engineering national degree • Other national diploma : Research Oriented Masters,
French language courses →	• PhD delivered by ECP • ECP diploma: Specialized Industry Oriented Masters
Programs for international students →	Yes
Programs in English →	Yes
Registration fees / year (for information only) →	Yes
Postal address →	In 2009-2010, the average budget calculated for 10 months lies between 5,300 and 6,700 euros, including administration costs, university fees, and health insurance. Loans on trust, bank loans, grants are possible and accepted. Ecole Centrale Paris - Grande voie des vignes F - 92295 Châtenay Malabry cedex

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