



# ECOLE NATIONALE SUPÉRIEURE DE L'ELECTRONIQUE ET DE SES APPLICATIONS ENSEA



PARIS (CERGY PONTOISE)

ENSEA is a public school created in 1952 which trains general engineers with a research and development profile in the field of electrical engineering (electronics, telecommunications, computer science). It welcomes 800 students in initial training, 100 in apprenticeship training, 20 students in the Research Master's program and 70 doctoral students. The duration of studies is 3 years.

The school delivers about 250 engineering degrees per year. All engineering students are recruited by competitive examination after two years of undergraduate studies (Centrale-Supélec, Arts & Métiers Paris-Tech, ATS, DUT-BTS test bank), or by evaluation of obtained degrees, for holders of foreign diplomas, from the Bachelor level.

- Number of students in initial training: 250 per year.
- Number of students in block release training: 33 per year.

Due to the diversity of its recruitment channels and its international openness, ENSEA is characterized by a very wide range of social and cultural backgrounds.

## ◆ MAIN PROGRAMMES OF STUDY

- Automation and Industrial Electronics
- Electronics and Communication Systems
- Electronics for Life and Ecosystems
- Electronics and Embedded Systems
- Information Technology and Systems
- Mechatronics and Complex Systems
- Networks and Telecommunications
- Signal and Artificial Intelligence

## ◆ RESEARCH

- Research at ENSEA involves 60 permanent teacher-researchers and 70 doctoral students in 2 laboratories:
- ETIS (Equipe Traitement de l'Information et Systèmes/ Information and System Processing)

a joint research unit between ENSEA and the University of Cergy Pontoise-CNRS (UMR 8051) ([www-etis.ensea.fr](http://www-etis.ensea.fr))

- Quartz (Mechatronics and complex systems team) in partnership with EISTI, SupMeca and Paris 8 (EA7393) (<http://www.laboratoire-quartz.fr/>)

## ◆ STRENGTHS

ENSEA trains engineers in the fields of electronics, computer science, automation, and telecommunications. It also hosts two research teams. Agreements with universities around the world enable international students to attend ENSEA for an internship, for a semester, or for the 2 years required to earn a degree in electronics engineering.

## ◆ LOCATION

ENSEA is just half an hour from Paris in Cergy, Val d'Oise, a university town at the center of a dynamic economic cluster.



## IDENTITY FORM

- ◆ **Precise name of the institution**  
Ecole Nationale Supérieure de l'Électronique et de ses Applications
- ◆ **Type of institution**  
Public
- ◆ **City where the main campus is located**  
Paris (Cergy Pontoise)
- ◆ **Number of students**  
800
- ◆ **Percentage or number of international students**  
6%
- ◆ **Type and level of qualifications awarded**  
-Engineering degree ENSEA  
-Double degree ENSEA Engineer + Master Research (Electronics, Signal, Telecommunications)  
-Specialized Master's Degree in «Operating Safety and Electronic System Engineering»
- ◆ **French language courses**  
Yes - ENSEA offers French Language and Culture lectures for exchange and double-degree international students.
- ◆ **Programs for international students**  
Yes - Program FAME (French American Exchange program), Summer Program with University of Michigan
- ◆ **Programs in English**  
Yes - FAME Program is about 10 courses taught in English for Undergraduate Students. English-taught track from Year 2 and for 2 out of 8 options in Year 3  
Summer Program with University of Michigan
- ◆ **Registration fees/year (for information only)**  
Initial training: No fees for mobilities under specific agreements / €1 013 for national students / €4045 for mobilities outside of specific agreements.  
N+i : 4045 €.  
FAME : 3 500 €
- ◆ **Postal address**  
ENSEA 6, avenue du Ponceau - CS 20707 Cergy - 95014 Cergy Pontoise Cedex - France

<http://www.ensea.fr/en/>

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