



CAEN

ÉCOLE NATIONALE SUPÉRIEURE D'INGÉNIEURS DE CAEN ET CENTRE DE RECHERCHE



As a public institution, ENSICAEN trains high-level scientific and technical engineers. The school offers a wide range of courses (after competitive exams or admissions with an associate's degree) that reach the most advanced sectors of activity, oriented towards industry or research. ENSICAEN is constantly adapting to have an innovation-oriented curriculum.

Located in the heart of a scientific campus north of Caen, ENSICAEN is home to 7 internationally recognized research laboratories of excellence and issues 5 diplomas authorized by the Commission of Engineering Titles. The work of the research professors who collaborate with the CEA, the CNRS and the University of Caen Normandie have a strong impact on our educational programs, which are always attuned to the latest scientific advances. Internationalization is one of ENSICAEN's recognized strengths. With more than 90 agreements and exchange programs with universities around the world, the school has an active exchange and development policy to facilitate the mobility of engineering students for their internship, academic semester or dual degree.

At the end of the 3 year course, our graduates have a very specific profile adapted to their professional project and the job market.

The ENSICAEN Engineering diploma also allows you to get involved in the preparation of a PhD.

Occupational insertion:

- JOBS:

Computer Developer, Consulting Engineer, Sales Engineer, Production Engineer, Project Manager, Quality Engineer, Research and Development Engineer, Researcher, Health Safety Environmental Engineer, Startup Creator.

- SECTORS:

Aerospace, Agrochemistry, Automotive industry, Banking, Cosmetology, Cybersecurity, Defence, Digital Service companies, E-commerce, Energy, Green Chemistry, Health, Home automation, Information and Communication Technologies, Mechanical Industry, Medical Imaging, Metallurgy, Nuclear engineering, Payment Industry, Petrochemistry, refining and catalysis, Pharmaceutical industry, Robotics, Security, Telecommunications, Transportation, Video Games.

◆ MAIN PROGRAMMES OF STUDY

For engineering degrees, ENSICAEN offers specialties with the choice of a major in the 2nd year.

3 initial education:

- Engineer in Electronics and Applied Physics with 4 options to choose from (Signals and automation for telecommunications and embedded systems or Sensors & measurement systems or Nuclear engineering & energy).
- Computer engineer with 2 options to choose from (Cybersecurity & e-payment or Image, Sound & Artificial Intelligence).

- Materials Chemistry engineer with 2 options to choose from (Chemistry or Materials for Energy & Structural Materials).
- 1 continuing education: Industrial Engineering in partnership with the Normandy Institute of Industrial Engineering (ITII).
- 1 Specialized Master's degree (Bac+6): Expert in e-banking and Secure Transactions (MTS).

◆ RESEARCH

ENSICAEN is home to an internationally recognized multidisciplinary scientific research centre consisting of 7 laboratories supported by major organizations such as the CNRS, the CEA and the University of Caen, as well as a technology research centre.

Our researchers and research professors collaborate with numerous laboratories nationally and internationally but also locally with the teams of GANIL, Cyceron, the CHU and the Centre François Baclesse. These collaborations make the campus one of the flagships of research in physics, chemistry, information and communications technologies. They are also winners of calls for future investment projects, ANR, Labex, Carnot, EU and numerous industrial contracts.

Some key figures:

- 22 patents filed in 5 years,
- 50 Phd per year,
- 400 scientific publications per year,
- 650 people: researchers, research professors, engineers, technicians, PhD students and post-doctoral fellows.

◆ STRENGTHS

Interaction between training, research and development and collaboration with industry. International mobility, French foreign language courses, active associative life with more than 60 clubs, TOEIC examination centre, proximity to university and private accommodation.

THE ADVANTAGES at the ENSICAEN: teacher-student interaction; Student cohesion and mutual aid; Eco-responsibility; International openings.

Other diplomas:

- International: Double diplomas open to our students (Brazil, China, Spain, Italy, Ireland).
- Research: 7 Masters to complete the training in Engineering in Organic Chemistry, Catalysis, Environment and Sustainable Development, Computer Systems Security (E-Secure), Image and Multimedia Data (IDM), Electronics-Electrical energy and Automatics (EEEA), Nuclei-Atom-Collisions (NAC), Materials for Nanoscience and Energy (MANE).
- Master's Degree in Management at EM Normandie. HappyAtSchool label® 2020: 9th in the ranking of the preferred engineering schools according to students.

◆ LOCATION

ENSICAEN is located in Caen, Normandy, 2 hours from Paris by train and 1 hour and half from the Mont St Michel by car. Regularly ranked among "French cities where it is good to study" in the magazine L'Étudiant, Caen is placed at the top of the major cities with 20,000 to 40,000 students. The magazine highlights its many cultural and commercial infrastructures, its lively nightlife as well as its very wide rental offer at affordable prices which makes it one of the university cities where it is the easiest to live. Caen hosts the largest student carnival in Europe every year.



IDENTITY FORM

- ◆ **Precise name of the institution**
Ecole Nationale Supérieure d'Ingénieurs de Caen et Centre de Recherche
- ◆ **Type of institution**
Public establishment
- ◆ **City where the main campus is located**
Caen
- ◆ **Number of students**
756
- ◆ **Percentage of number of international students**
16%
- ◆ **French language courses**
Yes - FLE courses (French as a Foreign Language).
- 50 hour intensive course for 2 weeks before the start of the school year.
- 2 hours a week throughout the year.
- ◆ **Programs for international students**
Yes - The school has 90 partnership agreements with universities around the world. Students can follow a course taught in English (30 ECTS, Master level 2) in 3 specialties: Computer Science, Materials-Chemistry, Electronics and Applied Physics.
- ◆ **Programs in English**
Yes - English courses integrated into the classical curriculum.
- ◆ **Registration fees/year (for information only)**
- € 601 for students from the European Union.
- € 3,770 for students from outside the European Union.
In addition, there is a student and campus contribution of € 90.
- ◆ **Postal address**
6 boulevard Maréchal Juin - CS 45053 - 14050 Caen cedex 4 - FRANCE

ensicaen.fr



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