

# MASTER'S DEGREE IN ENGINEERING

## GET THE FRENCH DIPLOME D'INGÉNIEUR, IN OUR 2-YEAR ENGLISH PROGRAM.

### Introduction

As a graduate engineer, you can intervene at every stage in the life of a product or service (design, production, maintenance, recycling or recovery) or understand, manage and optimise construction and renovation projects, taking into account the challenges of eco-responsible construction. Your scientific and technical knowledge allows you to solve multidisciplinary problems and coordinate the activities of all participants. You are also involved in developing the company's operational processes, both in terms of organisation and technical procedures, in order to optimise its overall performance. You provide innovative solutions that achieve the company's financial goals, aiming to drive progress by incorporating an environmentally and socially responsible approach

### Career options

Two majors are offered depending on the campus: Industry & Services or Civil Engineering. In the final year of the engineering program, students can choose two distributed options from the following fields of expertise: Digital & ecological transitions, Sustainable industry, Digitization of engineering professions, Entrepreneurship and innovation, Construction project management or Infrastructure & Civil Engineering. The list of concentrations offered depends on the campus.

### Learning objectives

#### Technical skills:

**Major in Industry & Services:** electricity, mechanics, energy. This knowledge falls within the good command of digital tools and software used at every stage of a product's life cycle: design, modelling, prototyping, production, distribution.

**Major in Civil Engineering:** construction processes, mastery of digital design and simulation tools, mastery of construction project management and associated tools in order to best coordinate work between the different trades and contacts

**Soft skills:** listening, organization, ability to work as part of a team, written and oral communication, creativity, critical thinking, mastery of information.

### Career opportunities

- Research & Development Engineer
- Production Engineer / Continuous Improvement Engineer / Methods Engineer
- Lean Manufacturing Engineer / Ecological Transition Engineer
- Quality, Safety and Environmental Engineer
- Project Engineer / Design Engineer / Business Engineer
- Civil / Urban Engineer
- Structural Calculation Engineer
- Building Energy Efficiency Engineer / BIM Manager

### Presentation

CESI offers a Master's Degree in Engineering, accessible to international students wishing to pursue their engineering studies in France. You will follow a 2-year, high-level program, provided only in English, and accredited by the Commission of Engineering Certifications (CTI). The major chosen for the 1st year will allow you to specialize, and will be completed by 2 areas of concentration during the 2nd year.

## MASTER'S DEGREE

Ingénieur diplômé du CESI



STUDENT

**Duration :** 234 days  
on 24 months  
**Code :** MasterDegree 4A(PA)  
**CodeRncp :** RNCP40701

### Eligibility

Students wishing to study a program in English at a French engineers school, after an academic career in higher education abroad

### Admission requirements

- Holding an international Bachelor's Degree diploma or equivalent
- Having A2 level in French (required)
- Having B1 level in English (required) - refresher courses available

### Academic calendar

Full-time 2-year program, including periods of professional internship  
The 2nd year can be done under a work-study contract

### Tuition fees

8 500 euros per year

Applicable rate for the 2026 school year.

## OBJECTIVES

Analyzing technical problems and implementing problem-solving methods in the industrial field of expertise

Conducting research for innovative and suitable solutions by integrating the latest technologies: additive manufacturing, production line modeling, augmented reality, robotics, artificial intelligence...

Modeling and designing solutions based on a rational approach to scientific study

Integrating human, economic and organizational aspects into the technical dimension, as well as Corporate Social Responsibility (CSR) values

Acting as an eco-responsible engineer by abiding to the Sustainable Development Goals

Managing multidisciplinary teams to fully contribute to performance goals, while complying with occupational health and safety regulations

## PEDAGOGY

### Completed Projects

Climate fresk: raising awareness of the challenges of climate change

Designing mechanical systems using CAD and additive manufacturing

Modelling energy of buildings

Creating industrial gluing mini-robot and modelling of a production line

Solving complex problem through operations research

Developing eco-responsible district

Retrofitting energy renovation heritage building

Designing an urban stormwater management system

Managing the simulation of a virtual construction project

### Evaluation

Evaluated under continuous assessment, the educational program is structured into different Learning Units. Each unit corresponds to a given number of ECTS credits. One year is equivalent to 60 credits. Students must have passed all their learning units and obtained their ECTS credits for progressing to the next academic year.

The conditions for being awarded a degree are as follows:

- Pass all of the Course Units, thus obtaining 120 credits over the two years of the program
- Obtain a B2 level certification in English and a B1 level certification in French
- Complete a cumulative period of at least 28 weeks at a company

Diploma recognized by the state: accreditation by the Commission of Engineering Certifications

International recognition

Diverse experience in the professional world thanks to internship periods (28 weeks)

Program in English

Personalized support program from the moment you arrive in France

Eduniversal 2024 rankings: 5th in the Top 10 of the Bachelor's Degree ranking for Engineering Schools and Schools specializing in Computer Science and Digital Science - Postgraduate Studies 2024

"Bienvenue en France" [Welcome to France] Label

Professional training contract: alternating periods of business/school, salaried employee status at company (with corresponding remuneration) and program paid for (no tuition fees).

## ENROLLMENT

- Academic record and motivational interview

- Application on cesi.fr (CV, cover letter, school reports from the current year and previous years, transcript of grades, higher education diplomas, certificate for the current year)

- Certificate of English level B1

## JOIN CESI. LIVE A UNIQUE EXPERIENCE IN FRANCE.

Visit our website for opening dates

Paris - Nanterre

Back to school on 14 September 2026