

**INTERNATIONAL
PROGRAMS**



MASTER'S DEGREE

**Do you want to do your graduate studies in France?
Get the French Diplome d'Ingénieur, in our 2-year English program
taught in English**



Private higher education institution of technology

CESI
ÉCOLE D'INGÉNIEURS

WE ARE WAITING FOR YOU!

MASTER'S DEGREE AT CESI



FOR WHOM?

English-speaking international students:

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



TRAINING SCHEDULE

- Full-time 2-year program, including periods of professional internship.



ADMISSION

- Academic record and motivational interview.
- **Application on cesi.fr/en** (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.
- Having A2 level in French (required).



TUITION FEES

- Tuition fees for international students enrolled in the Master's Degree are €8500 per year.

WHAT ARE YOUR GOALS?



A two-year experience in France and Europe to discover the culture, the academic and industrial environment



Graduate with a French Diplôme d'Ingénieur, a prestigious and internationally recognized Master's-level engineering degree



Develop your scientific, technical and soft skills by experiencing project and problem based learning methodology, complemented by a 6 month internship

WELCOME TO FRANCE!

WHY JOIN CESI?



Benefit from CESI's industrial network



Gain hard and soft skills with an innovative, project-based approach to learning



Get assistance from a dedicated student support team, and a buddy for peer-to-peer mentoring



Connect with students, take part in the campus events



Immerse in a dynamic research ecosystem that fosters innovation



Receive individualized academic guidance throughout your studies



Stay connected through a comprehensive digital environment



Actively participate in your campus student life



Enroll in the Master's Degree and choose between two programs

WHO WE ARE

CESI has 26 campuses throughout the country, offering tailor-made academic programs to our students. We have developed a unique model within higher education, training students and professionals in the fields of Industrial Engineering & Innovation, Construction & Civil Engineering, Computer Science & Information Technology, Quality Environmental Safety & Sustainable Development, and Human Resources & Management.

COMMITMENT TO DIVERSITY AT CESI

Since its creation, CESI has been committed to the social advancement, accessibility and professional integration of our graduates via training programs of academic excellence.

Our mission is to prepare you for emerging trades and corporate expectations, and to assist you in fully expressing your potential.

A HUMAN-SIZED SCHOOL

Guidance

At CESI, we offer personalized support to help you define and achieve your professional goals. Our training programs focus on our students' professional project.

Integration

To help you integrate smoothly and succeed academically, we offer a "buddy" program, a peer mentoring. Our incoming team will also assist you with all the formalities to successfully settle in France: accommodation, bank accounts, insurances etc.



CESI'S PEDAGOGY

Enhance your skills through CESI's innovative and comprehensive learning methods. Regardless of the training program you choose, CESI immerses you in a professional-like environment from the very beginning of your learning journey. This approach integrates the development of essential soft skills at every stage of your education. The objective is to learn effective habits and work methodologies tailored to industry standards, and be ready to excel in your profession upon entering the job market. We also equip you with the adaptability needed to navigate evolving trends and challenges in your field.

RESEARCH

The Research at CESI is conducted by our research unit, CESI LINEACT (UR 7527), which supports technological change in sectors and services related to industry, construction, and the city of tomorrow. Within CESI LINEACT, research is structured around two interdisciplinary scientific themes: "Learning and Innovation" and "Engineering and Digital Tools." The two teams develop and cross-reference their research in four application areas: Industry 5.0, Construction 4.0 and Sustainable Cities, as well as Future Training and Digital Services. This approach is reflected in the integration of the latest scientific advances directly into the educational content and learning environments, from engineering courses to doctoral programs.

You'll be welcomed by a dedicated contact person as soon as you arrive in France

A VIBRANT CAMPUS EXPERIENCE

WELCOME EVENTS

From day one, we organize welcome events on campus to help you settle in, connect with your classmates, and get to know how things work at your new school. These activities are a great way to meet people and feel at home right away.

CELEBRATING INTERNATIONAL LIFE: ERASMUS DAYS

Join us as we celebrate Erasmus Days with a variety of student-led events highlighting European and international cultures throughout the year—open to everyone on campus!

GET INVOLVED: EVENTS & CHALLENGES

- **Join prestigious competitions like:** the 4L Trophy, the French Robotics Cup, or student challenges hosted by CESI, other engineering schools, or companies (e.g. IBM Challenge).
- **Make a difference through humanitarian projects:** help provide clean water in Nicaragua, build a library in Mexico, or support mutual aid efforts in Haiti.
- **Enjoy music, sports, and travel:** take part in salsa dancing, kart racing, football, volleyball, or weekend getaways to ski resorts and European capitals.
- **Explore global initiatives:** get involved in international programs such as the European Innovation Academy or attend workshops with institutes like the Institut Jacques Delors.

A TECHNICAL AND SPECIALIST PROGRAM



Fundamental engineering sciences



Engineering methods and tools



Specialized science and techniques
(engineering or computer science)



Humanities, economics, legal and social
sciences



Languages and interculturality



Individual training plan (PFI)

FURTHER STUDIES

Enrol in an **Executive Post-Graduate Program®** to enhance your expertise (a course in French in one year punctuated by periods of internship at a company) and obtain a bac +6 diploma certified by the CGE (Conference of Grandes Ecoles).



**CESI is proud to have received
the Campus France “Bienvenue
en France” label in 2024,
demonstrating our commitment
to providing excellent services to
all our international
students.**



MASTER'S DEGREE IN ENGINEERING

Promoting key transitions

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 optimize construction and renovation projects, taking into account the challenges of sustainable 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 organization 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.

WHERE WILL YOU WORK?

A CESI graduate works in the following fields:

- **industrial and service sectors in general**; automotive, railway, aerospace, energy, health, agri-food, chemical, defence, telecom sectors; an external service provider or a junior manager in companies of all sizes, from SMEs to major corporate groups;
- **in the civil engineering sector (and public works sector)**, within large construction companies or at specialized SMEs.

They can also become an entrepreneur or pursue a career in research and development.

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

CESI CAMPUSES

Bordeaux, Paris

EXAMPLE OF 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
- Modelling of a production line
- Conducting operations research
- Developing plans for the construction of an ecologically sustainable district

DEGREE

Diplome d'ingénieur CESI

Cti



MASTER'S DEGREE IN COMPUTER SCIENCE

Become an expert in new technologies

The current digital transition of companies is leading to major developments in information systems (security, access to data, cloud computing) and new uses of IT (BYOD, remote work etc.). You will use your technical and scientific skills in this environment to carry out computer science projects. At the end of this course, you will have everything you need to move forward in your profession, manage large-scale projects. In addition to your technical and scientific skills, you will also be equipped with human skills that will help you build and manage a team. Your ability to adapt will allow you to accelerate your career development towards positions involving great responsibility.

WHERE WILL YOU WORK?

With all companies using digital services, the possibilities are endless. Computer science graduates can access any professional sector.

Although they are mainly recruited by companies in the service sector, computer science engineers can work for companies of all sizes, from major conglomerates to SMEs and start-ups.

OPPORTUNITIES

- Big Data Engineer
- Data Scientist / Data Miner
- Robot Coach
- IT Project Manager
- Information Systems Architect / Network Architect
- Cybersecurity Engineer
- Research & Development Engineer
- Robotics Engineer
- Embedded Systems / IoT Engineer

PROJECT EXAMPLES

- Preparing a secure platform in a distributed environment
- Proposing unified communication system using optimized and secure networks
- Mapping migration and administration of an information system
- Developing system-level object-oriented application
- Modelling and designing database systems in a Big Data environment
- Solving an optimization and decision-making (advanced algorithmic) problem
- Using artificial intelligence to improve a statistics-based model

CESI CAMPUSES

Aix-en-Provence, Lyon, Paris, Rouen,
Strasbourg, Toulouse

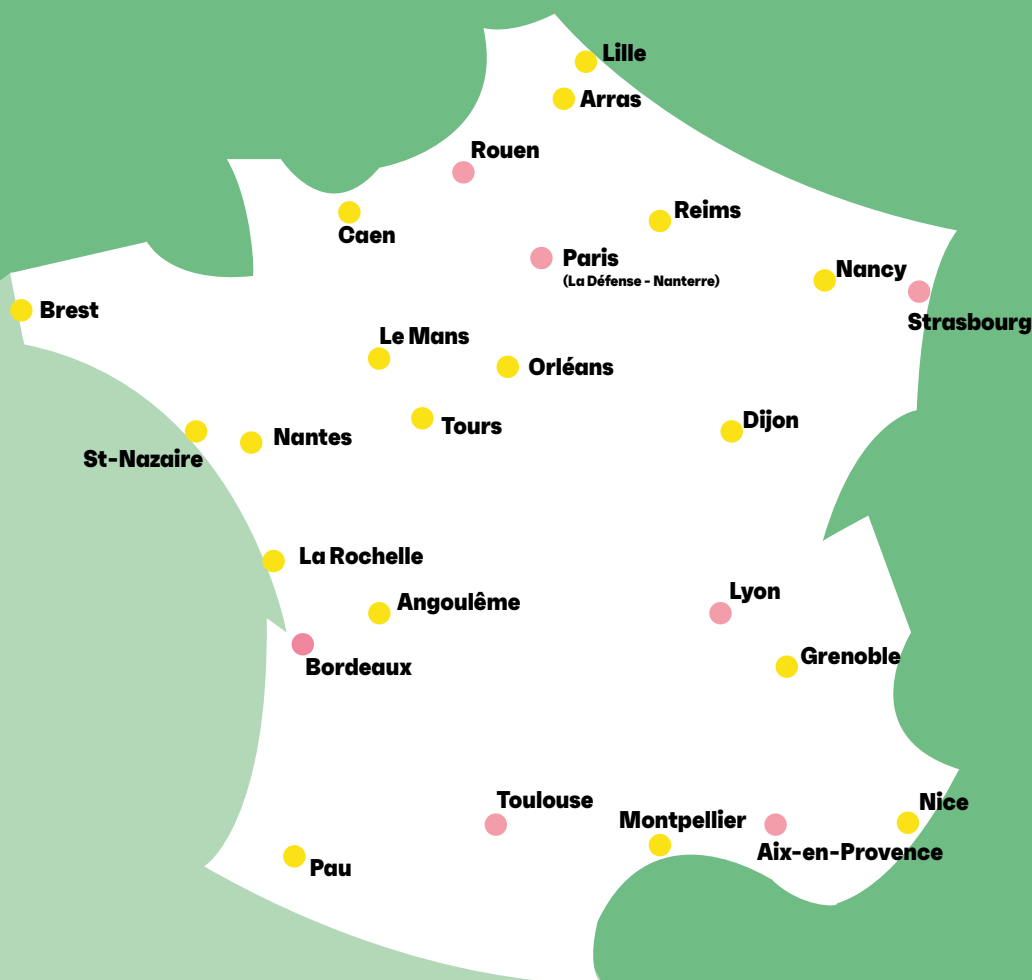
DEGREE

Diplôme d'ingénieur CESI,
spécialité informatique

Cti



A network of 26 campuses in France.



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Dijon +33 3 80 36 30 60
Grenoble +33 4 38 37 01 13
La Rochelle +33 5 46 30 46 13
Le Mans +33 2 43 14 98 02
Lille +33 3 20 18 16 22
Lyon +33 4 78 43 49 01
Montpellier +33 4 67 15 01 55
Nancy +33 3 83 22 27 99
Nantes +33 2 28 16 10 11
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CONTACT US

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FOLLOW US



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ONLINE APPLICATION



This program is offered in Aix-en-Provence, Bordeaux, Lyon, Paris, Rouen, Strasbourg et Toulouse.