

**INTERNATIONAL
PROGRAMS**



BACHELOR'S DEGREE ARTIFICIAL INTELLIGENCE

A three-year program dedicated to new technologies !



Private higher education institution of technology

CESI
ÉCOLE D'INGÉNIEURS

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 an English-language program that meets the needs of tomorrow!

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.

Welcome to your future school

Designed for high school graduates passionate about science and eager to master new technologies, this comprehensive, immersive, and interdisciplinary program prepares students to tackle current and future challenges faced by companies and society.

Students will explore practical applications of artificial intelligence, develop a deep understanding of these new challenges, and acquire solid knowledge in mathematics, statistics, and programming. They will apply their skills through real-world projects. This degree focuses on optimizing and reducing waste in industry through AI solutions.

Students learn to use AI tools to analyze and identify the root causes of complex problems, proposing innovative solutions to enhance efficiency. They aim to minimize losses through a sustainability-focused approach, a crucial role in responsible digital transformation.

OBJECTIVES



Define the requirements to address a problem in an AI project



Design AI solutions within the overall architecture



Develop and maintain an AI solution to optimize the company's performance while adhering to ethical and ecological practices



Organize and manage an AI project and support the digital transformation

FOR WHOM ?

- Holder of a general bac or STI2D or another compatible bac obtained from a French high school abroad (AEFE network).
- or
- Holder of a high school degree equivalent to the French bac obtained in another education system such as the International Baccalaureate (IB).
- French and English language requirement : B1 recommended.

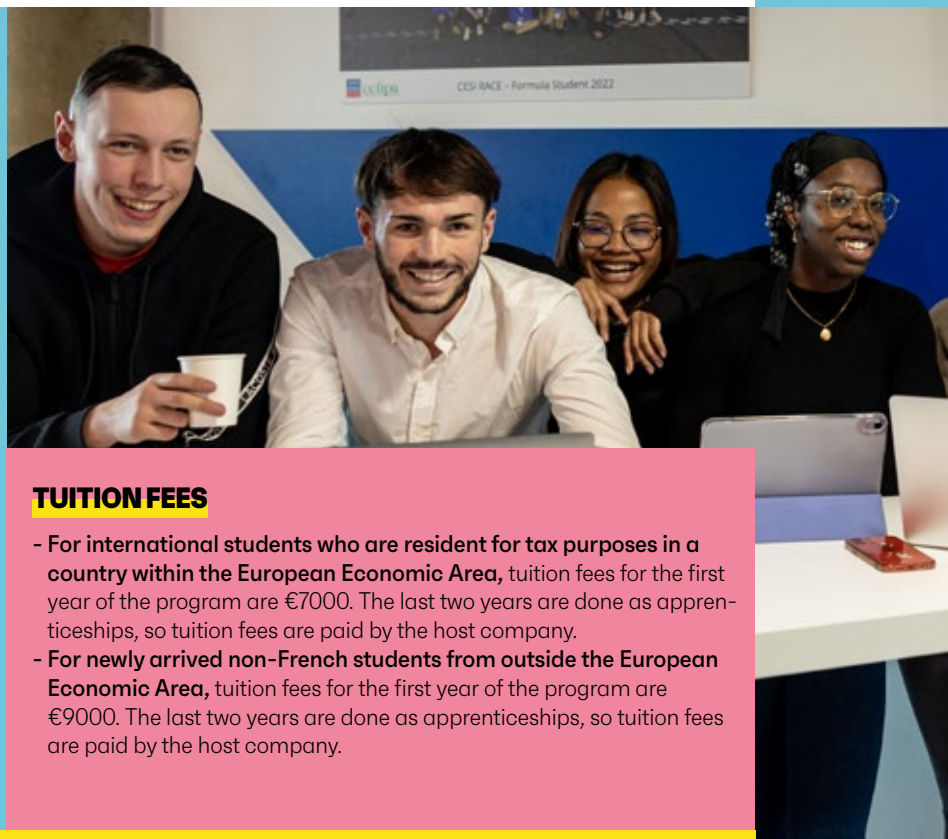
TRAINING SCHEDULE



Academic courses taught full time in the 1st year.
One 12-week internship.



The 2nd and 3rd years are carried out in an apprenticeship.



TUITION FEES

- For international students who are resident for tax purposes in a country within the European Economic Area, tuition fees for the first year of the program are €7000. The last two years are done as apprenticeships, so tuition fees are paid by the host company.
- For newly arrived non-French students from outside the European Economic Area, tuition fees for the first year of the program are €9000. The last two years are done as apprenticeships, so tuition fees are paid by the host company.

PROGRAM

Study AI and master the technologies of tomorrow!

YEAR 1	YEAR 2	YEAR 3
Full time on campus	Apprenticeship	Apprenticeship
- Programming and Industry - Fundamental Electricity and Electronics - Tools for Data Processing - Databases - Object-oriented Programming - Advanced Algorithms - 12-week Internship	- Signal Processing - Applied Mathematics - Architecture of Computer Systems - Project Management - Artificial Intelligence - Advanced Web Development - Initiating a client project - Industry	- Introduction to Research - System Administration and Local Network - Deep Learning - Business Intelligence - Project Management - Innovation in Entrepreneurship - AI Project - Digital Ethics and Ecological Transition - Capstone project

Throughout the program

Student support and professional mentorship

DEGREE

Accreditation by the Commission des titres d'ingénieur (CTI), the relevant body in charge of evaluating French engineering institutions.

Cti

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.



FURTHER STUDIES CESI

- After graduation, students can directly enter the labor market. Interested students can apply for the three-year engineering degree program at CESI and enroll after successfully passing an admissions exam.

RECRUITMENT PROCESS

For students with a high school abroad (AEFE network):

- Registration on Parcoursup.
- Review of academic record.
- Motivational interview.

For students with a high school degree not obtained from a French institution:

- Submission of applications on the «Études en France» (EEF) and cesi.fr/en platforms.
- Review of academic record.
- Motivational interview.

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
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cesi.fr/en/

ONLINE APPLICATION



This program is
offered in
Toulouse.