

SUMMER SCHOOL



DISCOVER FRANCE DIFFERENTLY

Two weeks in France to develop and enhance your knowledge of Green Innovation, BIM for sustainable construction or Generative artificial intelligence for industry GenAI, Smart innovation, Smart health care & AI.



Higher education technological institution

CESI
ÉCOLE D'INGÉNIEURS

SUMMER SCHOOLS AT CESI



Discover France
on one a CESI
campus



Study in English
in an intercultural
environment



**Enhance your
knowledge**
of ecological,
technological and AI
transition



Discover
French
Tech



**Discover cutting-edge
companies**
and laboratories



**Acquire credits
(3 ECTS)** that can be
recognised by your
home university



Work on projects
by applying
the Project-Based
Learning method



FOR WHOM ?



- Students pursuing their higher education studies in engineering at the end of a Bachelor's Degree program or equivalent.
- Master and Ph.D students are also admitted.
- Required: B1 level in English.
- Good scientific knowledge.



USEFUL INFORMATION

- 1 000 Euros per person, including taxes.
- This price includes tuition fees, teaching materials and cultural visits. Accommodation, living expenses, insurance and visa fees are not included.
- A early bird discount if registered before March, 31st 2025.
- Group rate possible.



WHEN ?

- Two weeks in July.

5 SUMMER SCHOOLS

Benefit from an **immersive technological experience**

Driven by its values and renowned for its ability to innovate as well as its commitment to the ecological transition, CESI is organizing five Summer Schools to raise awareness for challenges ahead in favour of sustainable development and artificial intelligence. CESI's goal is to stimulate reflection on transitions, decarbonization and our vision of tomorrow's world, while encouraging knowledge exchanges and sharing between French and international students.



GREEN INNOVATION

Driving technological innovation

Do you want to get involved in the ecological transition?

This theme will address all topics related to sustainable development such as the fundamentals of innovation, the eco-design approach, and even technologies in the service of ecology and decarbonisation.

Projects common thread:

- Fundamentals of innovation
- Eco-design approach
- Marketing strategies
- Technological innovation for ecological transitions



→ CESI Paris-Nanterre Campus
JULY 7-18, 2025



SMART HEALTH CARE & AI

Building Tomorrow's Healthcare Solutions

Would you like to specialize in the world of e-health?

You'll be taking part in the new challenges of the hospital of tomorrow thanks to innovative solutions and the latest healthcare innovations and technologies based on immersive technologies, AI, robotics and IoT.

Projects common thread:

- Ethics, cyber security and inclusion in smart health care
- Robotics in health care
- Basics of Machine Learning for healthcare
- Visit Caen city : Mont-Saint-Michel UNESCO, WWII Memorial of Caen...



→ CESI Caen Campus
JUNE 30 TO JULY 11, 2025



OUR SCHOOL

CESI is present across the entire French territory thanks to its 25 campuses, which offer tailor made training paths and deliver the same diplomas. The school has developed a unique model within higher education and provides assistance to its students in areas such as Industrial Engineering & Innovation, Civil Engineering and Construction, IT & Software Engineering/Digital Technology, QSE & Sustainable Development. It also stands out due to a training offer in Human Resources and Management.

COMMITMENT AND DIVERSITY AT CESI

Since its creation, CESI has been committed to the social advancement, accessibility and professional insertion of its graduates while developing their academic excellence. Our mission is to prepare you for emerging trades and corporate expectations, and to assist you in fully expressing your potential.



BIM FOR SUSTAINABLE CONSTRUCTION

Transforming the Future of Construction

Do you want to innovate and are you sensitive to environmental challenges?

This engineering-linked theme immerses the student in the heart of sustainable construction challenges in a smart city by addressing essential subjects such as BIM, eco-neighbourhoods and decarbonisation, in connection with sustainable development.

Projects common thread:

- BIM for sustainable construction Project
- Fablab 3D, AR/VR
- Practical work at the wastewater treatment plant (Impacts of climate change on urban water management)
- Diving into Parisian architecture

→ CESI Paris-Nanterre Campus
JULY 7-18, 2025



SMART INNOVATION

Enhancing ideas with AI

Would you like to understand and master AI so you can innovate more effectively?

Whether you are a young student, researcher or even an engineer, you'll come into contact with AI as part of your job. Learn how to master and understand the potential of this new tool to bring innovation to your projects.

Projects common thread:

- Introduction to AI and innovation
- Concept ideation and generation
- Discovering key tools and technologies to innovate
- AI in scientific research Collaborative innovation
- Visit to Strasbourg, European capital (cultural and technical visits)

→ CESI Strasbourg Campus
JULY 7-18, 2025



RESEARCH

Investigation at CESI is supported by our research and innovation laboratory CESI LINEACT, which follows up the technological changes in sectors and services related to the industry, building and city of the future. Within CESI LINEACT, research is organised around two interdisciplinary scientific topics: 'Learning and Innovating' and 'Engineering and Digital Tools', as well as two application areas, namely the industry of the future and and cities of tomorrow.



GENERATIVE ARTIFICIAL INTELLIGENCE

For Industry GenAI

Would you like to master generative AI tools in Industry 5.0?

You'll discover new approaches and technologies in generative AI and its industrial applications thanks to practical work taught by recognized experts in their field.

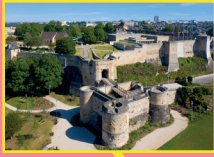
Projects common thread:

- Explainable and Interpretable AI models
- Responsible AI and Equity
- Prompt Engineering and Generative AI models
- Diving into Nice City



CESI Nice Campus

JULY 7-18, 2025



A NETWORK OF 25 CAMPUSES IN FRANCE

- Aix-en-Provence +33 4 42 54 06 02
- Angoulême +33 5 45 64 91 95
- Arras +33 3 21 51 14 16
- Bordeaux +33 5 59 40 19 39
- Brest +33 2 98 36 06 28
- Caen +33 2 31 73 72 15
- 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
- Nice +33 4 93 63 66 78
- Orléans +33 2 38 76 42 04
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- Reims +33 3 26 40 04 45
- Rouen +33 2 32 87 06 57 / +33 2 32 80 30 90
- St-Nazaire +33 2 40 15 20 17
- Strasbourg +33 3 90 23 00 15
- Toulouse +33 5 61 29 82 06
- Direction générale +33 1 44 45 92 00

TO ENROL

relationsinternationales@cesi.fr
 Application deadline:
June, 15, 2025



REGISTRATION



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CESI
 ÉCOLE D'INGÉNIEURS