

SUMMER SCHOOL



DISCOVER FRANCE DIFFERENTLY

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



Private higher education institution of technology

CESI
ÉCOLE D'INGÉNIEURS

SUMMER SCHOOLS AT CESI



**Discover France
and one of our
CESI's 26 campuses**



**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.
- Demonstrated interest in the Summer School topic.



USEFUL INFORMATION

- 1000 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, 2026.
- Group rate possible.



WHEN ?

- Two weeks in July.

5 SUMMER SCHOOLS

Benefit from an immersive technological experience

Driven by its our values and renowned for its our innovative ability as well as its our commitment to ecological transition, CESI is organises five Summer Schools that promote awareness of environmental challenges with a focus on 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.



SMART HEALTH CARE & AI

Building Tomorrow's Healthcare Solutions

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

You'll be helping to solve challenges of modern hospitals, thanks to innovative solutions that use the latest healthcare technology, as well as immersive AI, robotics and IoT technologies.

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...



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



OUR SCHOOL

CESI is present across the entire French territory thanks to its 26 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 development 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



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)



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.



BLUE ECONOMY

Diving into the heart of ocean innovation

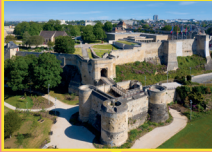
Ready to take on marine challenges and turn your passion into real environmental impact?

A unique experience designed to equip future leaders with the tools to tackle marine and coastal challenges. From cutting-edge technologies to real-world sustainability projects, dive into the future of our oceans with international experts, immersive field visits and a community of changemakers.

Projects common thread:

- Expert-led Modules from leading ocean researchers, engineers and policymaker
- Visits to the Port of St. Nazaire, renewable energy sites and labs
- Hands-on Workshops simulations and ocean mapping tools
- Team challenges addressing real-world ocean sustainability problems





A NETWORK OF 26 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
- Paris - Nanterre +33 1 47 25 00 10 / +33 1 47 25 02 80
- Pau +33 5 59 05 45 82
- 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
- Tours +33 7 88 30 49 81
- CESI Head Quarter +33 1 44 45 92 00

TO ENROL

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 Application deadline:
May, 31, 2026

CESI
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ONLINE APPLICATION



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