SUMMER SCHOOL : SMART HEALTH CARE & AI: BUILDING TOMORROW'S HEALTHCARE SOLUTIONS

STUDENT

Duration : 11 days
on 2 weeks
Code : Summer School SHC AI

OBJECTIVES

Training participants to be ready to innovate and develop solutions for emerging challenges in the medical field, using AI technologies, robotics, IoT and immersive technology for healthcare, while raising their awareness of ethics.

POUR QUI ?

Eligibility

French and international students who are studying in the field of information technology and e-health (health tech).

Admission requirements

- French and international students who are concluding their Bachelor's Degree (or equivalent) in engineering and who wish to discover and put AI technologies, robotics, IoT and immersive technology into action for healthcare while ensuring an ethical approach. Master and PhD students are also admitted. A B1 level in English is required to attend the program and good academic performance in the basic scientific subjects is requested.

Academic calendar

Full-time

Scholarship

1 000 euros

1 000 euros.
This price includes tuition fees, teaching materials and cultural visits. Accommodation, living expenses and insurance are not included.
Group rate and preferential rate if registration before March 31, 2025: contact the campus

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Visit our website for opening dates

Open from 30 June to 11 July 2025 (limited places).

Higher education technological institution

CESI
ÉCOLE D'INGÉNIEURS

June 30
Welcome & Opening Ceremony
Keynote: The role of AI and smart technologies in reshaping the health care System
Teambuilding
Project overview: Emerging Challenges in the health care system

July 1
Basics of Machine Learning for healthcare : Lecture and Workshop
Introduction to Deep Learning : Lecture and workshop

July 2
Image Classification : Lecture and workshop
Conversational AI in health care : Lecture and workshop

July 3
Robotics in health care
Visit Caen city: A thousand year of history

July 4
Project : Emerging Challenges in the health care system

July 5
Visit Mont-Saint-Michel UNESCO world heritage site

July 7
IoT in health care : Lecture and workshop
Immersive Technologies for health care : Lecture and workshop

July 8
Interdisciplinary topics : Ethics, cyber security and inclusion in smart health care

July 9
Enterprise Visit
Project or hackathon

July 10
Project or hackathon
Visit WWII Memorial of Caen

July 11
Projects pitch
 Closing ceremony
Afterwork