SUMMER SCHOOL BIM FOR SUSTAINABLE FUTURE

STUDENT

Duration : 10 days
on 2 weeks
Code : Summer School BIM

OBJECTIVES

Raising awareness of tomorrow's challenges linked to the ecological and digital transition: BIM, smart cities, eco-district and de-carbonization

FOR WHOM?

Eligibility
French and international students pursuing their studies in the field of engineering

Admission requirements
- French and international students, pursuing their higher studies in engineering at the end of their Bachelor program (or equivalent) and who wish to develop their experience in the field of eco-construction. Masters and Ph.D students are also admitted. A B1 level in English is necessary to follow the program and good academic results in fundamental scientific subjects are required.

Academic calendar
Full-time

Tuition fees
1 000 euros

Price applicable for the 2026 school year.
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, 2026: contact the campus.

JOIN CESI. LIVE A UNIQUE EXPERIENCE IN FRANCE.

Visit our website for opening dates

Paris - Nanterre

Open from July 6 to 17, 2026 (limited places).

Edition : 12/12/25

DAY 1
Welcome speech
Visit du campus
Fab'Lab Virtual Reality
The CLimate Fresk / construction / mobility

DAY 2
Presentation of BIM and project launch (structure + mechanical modelling if possible)
Scanner 3D (point cloud data, modelling)

DAY 3
Project : BIM & SIM (Revit and GIS)
Fab'Lab

DAY 4
Visit SIAAP : Practical work
Conference : BIM for building retrofit & BIM adoption in the UK

DAY 5
Working on project
(Autonomous work)
Presentation of Digital Twin N3 (Julien Berton)

DAY 6
Cultural Visits (Paris)

DAY 7
Conference : Recycled concrete
Concrete 3D Printer - Mini Printer (Uni, Cergy)
Working on project
Explore the mock-up using virtual reality

DAY 8
3D printing of the mock-up
Visit Construction site

DAY 9
Defence of end of Summer projects
REX/Feedback

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