

# SUMMER SCHOOL BIM FOR SUSTAINABLE FUTURE

## BUILDING THE FUTURE: INNOVATION, SUSTAINABILITY, AND BIM WITH CESI SUMMER SCHOOL!

### Introduction

Take part in the BIM for a Sustainable Future summer school at the CESI campus in Nanterre, from July 6 to 17, 2026. For two weeks, enjoy an immersive experience combining BIM, innovation, sustainability, and teamwork. Discover our labs (Fablab, VR, 3D metal printing), take part in the Fresque de la Construction or Fresque de la Mobilité, then work as a team to design a smart and eco-responsible building using BIM and 3D scanning. The program will feature expert lectures, practical workshops, and virtual reality tests. A cultural visit to Paris is planned. Final presentations and feedback will conclude this adventure. Join us to build the future with the tools of tomorrow!

### Learning objectives

**Students will begin their main project:** modeling a smart and eco-friendly building using BIM and 3D scanning technologies. Working in multidisciplinary teams, they will transform point clouds into digital BIM models and create a physical 3D model of their sustainable building. The choice of materials will be guided by their environmental performance, thus contributing to both the virtual and physical realization of the project.

They will also have the opportunity to test their models in virtual reality, bringing their smart buildings to life.



STUDENT

**Duration :** 10 days

on 2 weeks

**Code :** Summer School BIM

### 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

### Scholarship

1000 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.

## OBJECTIVES

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

## PEDAGOGY

### Completed Projects

The Summer School is based around BIM "Building Information Modeling" simulation and Smart building.

Common thread projects:

- BIM for sustainable construction project
- Fablab 3D, AR/VR
- Practical work at La Cité de l'Eau et de l'Assainissement to be confirmed (impacts of climate change on water management in urban areas)
- Dive into Parisian architecture: from depths to summits

### Evaluation

Applicants who successfully conclude the Summer School will receive, after a project presentation, a certificate of achievement stating that they have obtained 3 ECTS credits. A participation and attendance certificate will also be given at the end of the program.

Follow a two-week program in France, from July 7 to 18, to develop and deepen your knowledge in BIM for sustainable construction, the future of Smart Cities:  
- Evolve and study in English in an international environment,  
- Discover and deepen construction techniques using BIM modeling and 3D printing  
- Discover new scientific and professional approaches,  
- Discover "French Tech"  
- Participate in cultural and technical visits to Paris (eco-neighborhoods, businesses, laboratories, etc.)  
- Attend conferences on climate issues and de-carbonation  
- Discover Paris and benefit from a cultural immersion in France

## ENROLLMENT

- For applying to the CESI Summer School, your application file must include:

- a cover letter
- a CV
- an identity document

- Apply before 31 May 2026 by sending your application.

## 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).