



**CENTRALE
LYON**

Bachelor of Technological and Industrial Change in Civil and Environmental Engineering

Degree level: Bachelor

Training time: 3 years

Language: French

Status: Student, Apprenticeships

Campus: Saint-Etienne Campus

Objectives

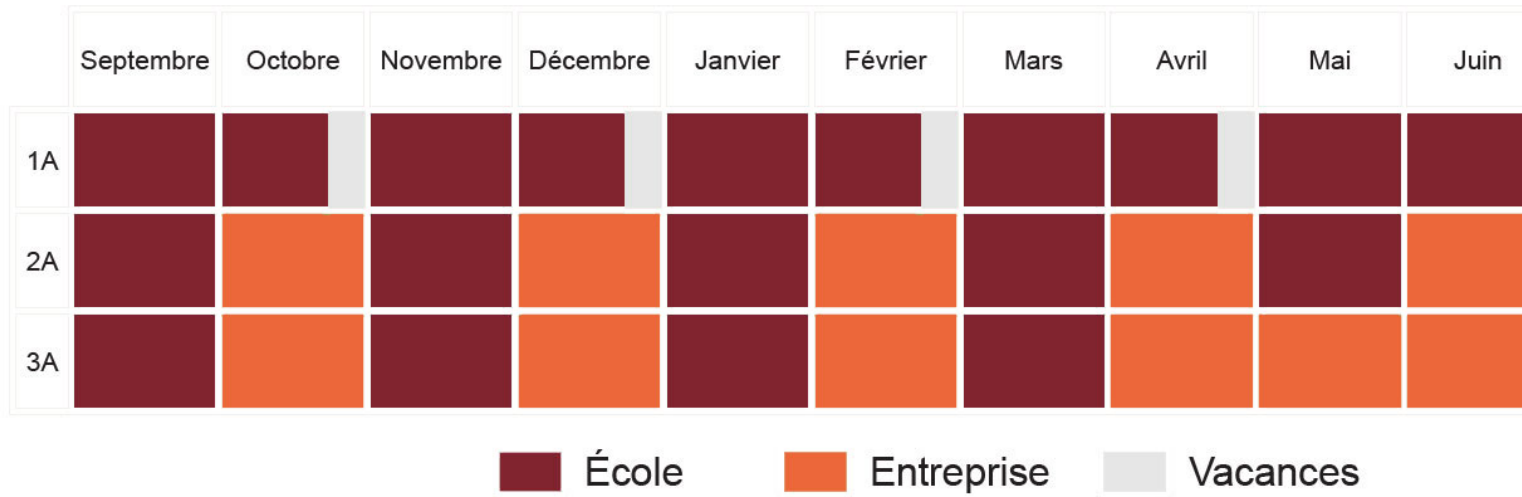
Centrale Lyon offers a **Bachelor Mutations Technologiques et Industrielles - Civil Engineering and Environment course** to all those who want to contribute to a sustainable future by **transforming construction and renovation practices** for buildings and public works structures.

- **Conducting civil engineering projects:** from project costing to work planning to project management in liaison with customers and suppliers
- **Contribute to the dimensioning of buildings and structures** by mobilizing knowledge in structural and soil mechanics as well as in strength integrating current standards
- **Participate in setting up a functional organization of the worksite** and monitor progress indicators
- **Assume middle management** of a committed team, ethical and responsible team

Program

From initial training to apprenticeship

Teaching takes place over 3 years under **student status the first year**, then under **apprentice status the following two years**. Students are supported in securing an apprenticeship contract in line with their career plans, and in obtaining their diploma.



Saint-Étienne campus : the Bachelor Mutations Technologiques et Industrielles Génie Civil et Environnement is taught on the school's Saint-Étienne campus, 58 Rue Jean Parot.

Teaching



- Sustainable construction and renovation technologies: method and organization
- Fundamental sciences : mathematics, physics, chemistry and computer science

- Economics, Management, Law, Management and English
- Sciences and technologies: mechanics, strength of materials and design rules
- Ecodesign structure envelope: metal construction, reinforced concrete, wood and building comfort
- Geology, Civil Engineering materials and soil remediation

[Discover the syllabus](#)

Les parcours INSA Lyon

The Bachelor mention "Mutations Technologiques et Industrielles" includes **three other specialties, carried by INSA Lyon.**

- **Plasturgy and Industrial Ecology**
Oyonnax Campus

This specialization trains professionals capable of **designing and producing polymeric and composite materials** with an **eco-responsible approach** through training that combines technical skills with respect for environmental standards.

[Read more](#)

- **Ecodesign of Refrigeration, Heating, Ventilation & Air Conditioning Systems**
Campus Lyon Tech-La Doua

This specialization trains professionals capable of **designing, optimizing and managing eco-responsible thermal and energy systems** thanks to solid theoretical teaching and concrete projects, in partnership with leading companies in the sector.

[Read more](#)

- **Infrastructures of Electrical Networks**
Campus Lyon Tech-La Doua

This specialization trains professionals capable of **designing, managing and adapting electrical infrastructure systems** while contributing to the **decarbonization of industries** thanks to interdisciplinary training integrating civil engineering, electrical

engineering, and infrastructure digitalization.

[Read more](#)

Diploma and certification

This course awards a national bachelor's degree - controlled by the State.



Career opportunities

- Assistant works engineer
- Site manager, works controller
- Collaborator of project manager
- Assistant contracting authority
- Design or testing laboratory manager
- Design draftsman

Focus

- A curriculum co-constructed by the [College of Engineering](#) (Centrale Lyon, ENTPE, INSA Lyon and Mines Saint-Etienne)
- A network of companies that recruits apprentices and graduates
- A class of 24 students benefiting from personalized support
- A shared ambition around societal and environmental transition

Admission requirements and application

Requirements

- General baccalaureate or STI2D
- Reorientation after a BAC +1/+2

Application

Applications are considered on the basis of a dossier, transmitted via **Parcoursup**.

[Applying to Parcoursup](#)

Tuition fees

Registration fees are due only in the first year. The amount calculated according to the tax income of the household to which the student is attached. They are **paid by the company in the second and third years.**

Scholarship holders are exempt from registration fees.

Reference tax income 2024 / Number of household units in 2024	Tariff
Lower than 12,000	€0
Between 12,001 and 14,000	€222
Between 14,001 and 16,000	€629
Between 16,001 and 17,500	€1,155
between 17,501 and 20,000	€1,778
between 20,001 and 23,000	€2,485
between 23 001 and 27,000	3,266 €
Between 27,001 and 33,000	4,116 €
Between 33,001 and 39,000	5,028 €
Overabove 39,001	€6,000

Administrative contact

Nathalie Reynaud

Informations et inscriptions

nathalie.reynaud@enise.ec-lyon.fr

Useful links

- [Application on Parcoursup](#)
- [Training syllabus](#)