



**CENTRALE  
LYON**

# Master 2 Civil Engineering

Degree level: Master

Training time: 1 year

Language: French

Status: Student

Campus: Lyon-Ecully Campus, Saint-Etienne Campus

## Objectives

The **Master 2 Civil Engineering** at Centrale Lyon aims to train **experts capable of designing, managing and optimizing infrastructure and construction projects** by integrating technical, economic, and environmental considerations. The program prepares students to meet the challenges of construction, urban planning, transportation infrastructure and natural resource management. The **two specialization tracks** are delivered on both campuses:

- Advanced Modeling and Experimentation in Civil Engineering
- Materials and Structures for Sustainable Construction

## Program

**Advanced Modeling and Experimentation in Civil Engineering**

**Materials and Structures for Sustainable Construction**

## Teachings

- Behavior of Materials
- Materials for civil engineering
- Advanced calculation tools

- Structures, structures, infrastructures
- Opening
- Language and introduction to research

## **Internship**

Students are required to complete a 5-6 month internship in a laboratory or within a company.

[Discover the syllabus](#)

## **Courses**

- Materials
- Structures
- Infrastructures
- Numerical computation in civil engineering
- Behavior of structures in their environment
- English

## **Internship**

Students must complete a 5-6 month internship in a laboratory or within a company.

[Discover the syllabus](#)

## **Diploma and certification**

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



## **Career opportunities**

- Works manager
- Structural engineer
- Site engineer
- Eco-design engineer
- Innovative materials engineer

## **Focus**

**A master's degree co-accredited with [École Nationale des Travaux Publics de l'Etat \(ENTPE\)](#) and [Université Claude Bernard Lyon 1](#)**

As part of this partnership and depending on the chosen course, some courses will take place on their campuses.

- École Nationale des Travaux Publics de l'Etat, 3 Rue Maurice Audin, 69120 Vaulx-en-Velin
- Université Claude Bernard Lyon 1, 43, boulevard du 11 novembre 1918, 69100 Villeurbanne

## **Admission requirements and application**

### **Pre-requisites**

- Students holding a Master 1 or equivalent at Bac+4 (240 ECTS) obtained in civil engineering.
- Centrale Lyon engineering students as part of a double degree.

### **Application**

This course is open to Centrale Lyon engineering students as part of a double degree via the [dedicated platform](#).

For all external applicants, please consult the [Université Lyon 2 website](#).

[Find out how to apply](#)

## **Tuition fees**

Acknowledging and anticipating your expenses is essential before committing to a training course with confidence.

[Find out more about Master's course fees](#) [Discover the average budget for studies at Centrale Lyon](#)

## **Administrative contact**

Education department - French-speaking Masters

Information and registration

[scolarite.master-lyon@listes.ec-lyon.fr](mailto:scolarite.master-lyon@listes.ec-lyon.fr)

## **Educational contact**

Si Larbi Amir

Enseignant-Chercheur

[amir.si-larbi@enise.ec-lyon.fr](mailto:amir.si-larbi@enise.ec-lyon.fr)

## **Useful link**

- [Discover the training syllabus](#)