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

The "Advanced Modeling and Experimentation in Civil Engineering" track is delivered on Lyon-Ecully and Saint-Etienne campuses.

Courses

- 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

The "Materials and Structures for Sustainable Construction" track is delivered on Lyon-Ecully campus.

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

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Educational contact

Si Larbi Amir

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Useful link

- Discover the training syllabus