CIVIL ENGINEERING
Advanced modeling and experiments

How to apply?
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# Master in Civil Engineering: Advanced Modeling and Experiments

## Description

The Advanced Modeling and Experimentation in Civil Engineering track is fully in line with the civil engineering sciences.

The students enrolled in single and double courses will be able to follow this track alone. For these students, this track will combine several courses from the curriculum of the Civil Engineering degree and other courses shared with the co-accredited establishments and the companies/internship laboratories.

## Objectives

This track in Civil Engineering is designed to broaden and deepen the mastery of design, tools and methods in the field of remediation while consolidating the scientific foundations of engineering science, either for materials and structures or soils and infrastructures.

### Common Courses*

- Behaviour of materials
- Materials for civil engineering

### Specialization Courses*

- Advanced calculation tools
- Structures and infrastructures

### Opening Courses*

- Seismic engineering

### Internship*

- Minimum 16 weeks

### Bibliography

- Written report
- Oral presentation

*All the courses are taught exclusively in French.*

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