Programme overview
The Bachelor course in Civil Engineering aims to form graduates with a theoretical background of basic sciences as well as with operative skills suitable for practice, including design, manufacturing, maintenance, and project management in different fields of civil engineering. Traditional subjects are combined with advanced and up-to-date methods and tools compliant with modern technical regulations. The course comprises three years:
- the first year is a foundation year aimed to transfer the fundamental knowledge in the field of mathematics, chemistry, physics, and graphical representation.
- the second year encompasses advanced principles of calculus to complete the fundamental knowledge, followed by more professional subjects related to constructions, environmental engineering, technology, and territory.
- the third year gives the student the possibility to choose between two distinct branches (specialties), namely “Structure and Infrastructure Engineering” and “Sustainable Building Engineering”.

The classes also include: laboratory exercises, aimed at the knowledge of experimental methods; practical activities oriented to analysis and problem-solving, to knowledge of infrastructures, systems, and facilities, as well as natural and anthropic phenomena and processes. Training activities (internships) are carried out in public or private companies through suitable international programs as well.

Minimal entry requirements
A foreign certified qualification demonstrating 12 years of study as equivalent to an Italian secondary school diploma.

Language requirements
International English language certificate issued by an Institution recognized by the Italian Ministry of University and Research (MUR), B2 level of the Common European Framework of Reference.
Study programme

Civil Engineering class degree (L-7)

YEAR 1
- Linear Algebra and Geometry
- Chemistry and Materials Technology
- Mathematical Analysis I
- Physics
- Architectural Drawing
- Surveying and data processing
- Foreign Language from European countries different from English and native language
- Subject chosen by the student

YEAR 2
- Mathematical Analysis II
- Circuit Theory
- Rational mechanics
- Building Construction
- Structural mechanics I
- Technical physics and building energy systems
- Subject chosen by the student

YEAR 3
**Track Structure and Infrastructure Engineering**
- Soil mechanics
- Structural mechanics II
- Fundamentals of roads, railways and airports
- Hydraulics
- Geotechnical engineering
- Dynamics of Structures
- Structural design
- Internship
- Stages
- Final Project

**Track Sustainable Building Engineering**
- Soil mechanics
- Structural mechanics II
- Hydraulics
- Heritage conservation and Architectural surveying
- Urban planning
- History of architecture
- Structural design
- Internship
- Stages
- Final Project

Tuition fees
A fixed fee (€ 156.00) and a remaining amount of tuition calculated on the basis of a sliding scale. For further information go to [https://international.unime](https://international.unime).