

**2.000** GRADUATES  
EVERY  
YEAR



1<sup>st</sup> University  
in Italy  
for graduate  
employment rate  
5 years after  
graduation  
**97.7%**

## CONTACTS

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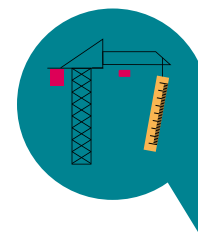
T. +39 329 8576885 (tue/thu 9.00-13.00)



Bachelor's degree in  
Building Engineering



[orientami.poliba.it](http://orientami.poliba.it)



## BUILDING ENGINEERING

BACHELOR'S  
DEGREE  
POLIBA



## The **Bachelor's Degree in Building Engineering at the Polytechnic University of Bari**

covers the following areas: "Innovative Building and Housing Areas", "Management", "Modeling", "Diagnostics of Problems", "Building Production", and "Sustainability".



*Watch the video!*



## EDUCATIONAL OBJECTIVES

The Building Engineering program aims to train engineers in designing innovative building and housing solutions, diagnosing structural, performance, and energy problems in buildings and the built environment, and managing the complexity of building production processes effectively and efficiently to ensure sustainable living.



### Location

Course lectures are held at the Bari campus.



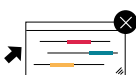
### Duration

Expected course completion time is 3 years.



### Language

All lessons, seminars, and laboratories are held in Italian.



### Admission

Admission is subject to passing the TOLC-I, the Online CISIA Test for Engineering

## SKILLS



Future engineers are immersed in a study programme focusing on:

- Surveying and digital architectural modeling;
- Technological and typological design of buildings;
- Materials technology and their operating behavior;
- Construction science and techniques;
- Maintenance and recovery of building heritage and urban regeneration, evaluation, and building production.

These disciplines train engineers in contextualizing design and reconciling the needs of the construction and building industry with those of environmental compatibility and sustainability of the built environment.

## PROFESSIONAL OPPORTUNITIES



Building Engineering graduates offer a robust and competitive professional figure able to effectively meet the changing and increasingly advanced demands of the world of work. Obtaining this degree allows graduates access to the State Exam, so enabling enrolment on the **professional Order of Engineers (Section B, Civil and Environmental Sector)**.

Graduates may operate in activities supporting building design, urban planning, and building project engineering, with skills which include:



- Surveying areas and artifacts;
- Organization and management of construction sites;
- Economic management and assessment;
- Technical-administrative management of the industrial production processes of building materials and components;
- Maintenance and recovery of existing artifacts;
- Urban regeneration.

There are numerous **employment opportunities** both in the public and private sectors and more generally in the field of freelance work, such as in:

- Professional architectural and engineering offices, consultancy firms for technology, safety and quality control;
- Engineering companies;
- Construction, recovery, and maintenance companies;
- Industries producing building materials and components;
- Public administrations, technical offices of public and private clients;
- Companies managing building assets, services for quality control.



## FURTHER EDUCATION

Building Engineering graduates may continue their education in a variety of ways and locations. At the Polytechnic of Bari, they may continue their training in the building sector by enrolling on the **Master's Degree in Building Systems Engineering**.

This offers two specialization opportunities: sustainable building and the recuperation of building heritage and urban regeneration. It also offers the opportunity to follow a **Double Degree** program with the University of Seville in Spain. In this case, courses can be attended at two universities in both European countries and this type of degree could extend career opportunities to a Latin American context.

A background in Building Engineering also allows students to access other Master's degree courses such as those in **Civil Engineering and Environmental Civil Engineering**.