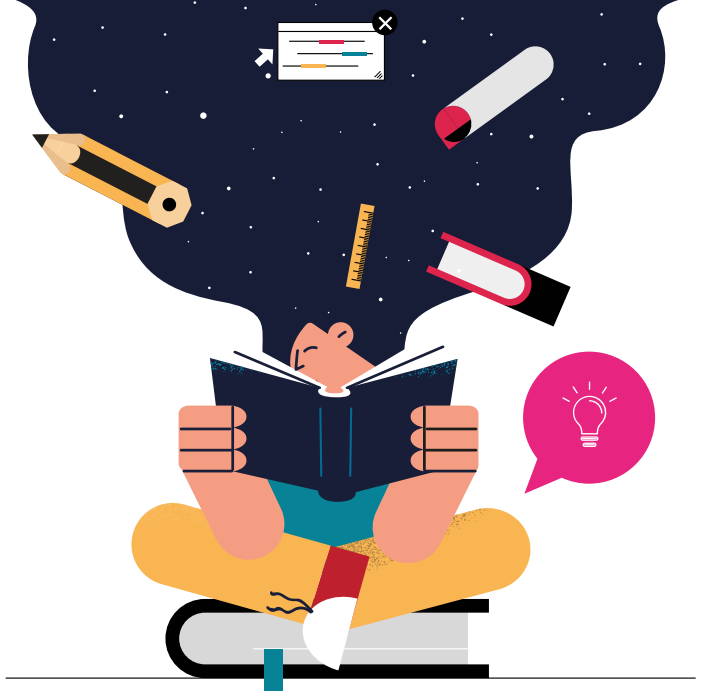
2.000 GRADUATES EVERY YEAR

1st University in Italy for graduate employment rate 5 years after graduation

97.7%



CONTACTS

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Bachelor's degree in Civil and Environmental engineering

orientami.poliba.it

Politecnico di Bari | DICATECh

CIVIL AND ENVIRONMENTAL ENGINEERING

BACHELOR'S DEGREE **POLIBA**

The **Bachelor's Degree in Civil and Environmental Engineering at the Polytechnic of Bari** focuses on the analysis and basic design of buildings, infrastructures and environmental and territorial systems

Watch the video!

EDUCATIONAL OBJECTIVES

The current job market is showing a growing demand for the skills and competencies offered by Civil and Environmental Engineers. The structure of the learning process offered by the Polytechnic of Bari, as well as the specific content and originality of the teaching, make this course innovative and relevant to today. The Bachelor's Degree in Civil and Environmental Engineering at the Polytechnic of Bari aims to ensure that students gain a full mastery of scientific methods and content, as well as the acquisition of specific professional knowledge in Civil and Environmental sectors. The course provides students with a learning programme which is appropriately designed to provide a basic yet solid background which is essential for training as a Civil and Environmental Engineer.

Current programmes include:
– Environmental Engineering (Bari);
– Civil Engineering (Bari);
– Civil and Environmental (Taranto).

Location
Course lectures are held at both the Bari and Taranto campuses.

Duration
Expected course completion time is 3 years.

Language
All lessons, seminars, and laboratories are held in italian.

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

SKILLS

The study programme leads to the attainment of a Bachelor's degree, a necessary requirement for admission to the State Exam, which enables graduates to register on the junior professional Order of Engineers (Section B-Civil Environmental).

Upon completion of the course, a graduate in Civil and Environmental Engineering will be able to:

• Apply theoretical principles and experimental methodologies to problems in procedures involving water, soil, and subsoil;
• Use tools for environmental and urban land management;
• Master the fundamentals of infrastructure design and construction and structural design and maintenance;
• Employ techniques and tools for planning, design, impact assessment, and environmental compatibility of projects;
• Utilise tools for environmental and urban land management.

PROFESSIONAL OPPORTUNITIES

Professional fields for graduates in Civil and Environmental Engineering include:
- Planning, organization and management of civil and environmental engineering projects;
- Collaboration on technical-commercial structures as freelance professionals, for manufacturing or service companies, and in public administrations.

During their studies, students develop the technical skills necessary to implement design and management activities for projects which do not require specialized knowledge. They will be able to operate independently and efficiently for the design and execution of buildings with simple structures, water supply systems, waste water collection systems, roads, and transportation systems.

Principal future employment opportunities may be in:

• Construction and maintenance companies for projects, facilities, and civil infrastructures.
• Professional offices and design companies for projects and civil infrastructures.
• Public offices for the design, planning, management, and control of urban and territorial systems.
• Public and private entities engaged in the management and control of work projects and service systems.
• Companies specialising in feasibility studies on the urban and territorial impact of infrastructures.

FURTHER EDUCATION

Upon evaluation of their educational background, Bachelor's degree graduates may continue their studies without credit deficits by following a Master's degrees in:

• Civil Engineering, specializing in one of the 4 programmes offered (Geotechnics, Hydraulics, Structures, Roads and Transport);
• Territorial and Environmental Engineering;
• Civil Infrastructure Management Engineering.

As part of their Master's Degrees, students may follow an international educational programme in English, attaining a double degree:

• in France, with a thesis presentation at the Université Grenoble Alpes;
• in Italy, with a thesis presentation at the Polytechnic. The double degree is granted in line with the current "Double Degree" agreement between the Polytechnic of Bari – DICATECh and the Université Grenoble Alpes.

As admission is subject to an evaluation of the student's educational background, a Bachelor's degree graduate may aim towards other Master's Degree courses or 1st level Master's courses.