

POST-GRADUATE TRAINING



The multidisciplinary skills acquired during the course of training enable graduates in Environmental and Territorial Engineering to participate in specialisation courses, Masters and PhD programmes in Italy and abroad.

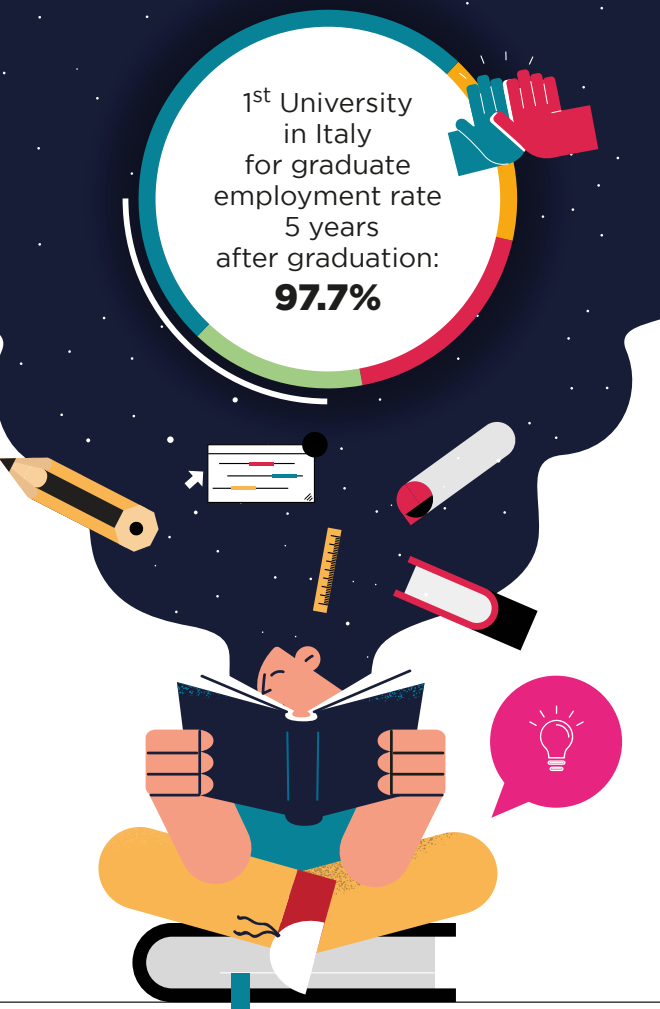
At the Polytechnic University of Bari, graduates can take part in competitions for admission to the following postgraduate and PhD courses:

MASTER
Territorial and Environmental Planning

PHDs
- Risk, Environmental, Territorial and Building Development;
- Sustainable Development and Climate Change;
- Sustainable Land Management (in agreement with the University of Bari).

2.000 GRADUATES EVERY YEAR

1st University in Italy for graduate employment rate 5 years after graduation: **97.7%**



CONTACTS

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Course Coordinator

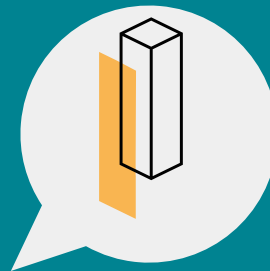
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ENVIRONMENTAL AND TERRITORIAL ENGINEERING

MASTER'S DEGREE POLIBA



Master's Degree in
Environmental and Territorial Engineering



orientami.poliba.it



The **Master's Degree in Environmental and Territorial Engineering at the Polytechnic of Bari** aims to

train professionals in assessing the integration and environmental sustainability of measures to be implemented for both natural and human-modified environments



Watch
the video!



EDUCATIONAL OBJECTIVES

The study programme is distinctly cross-sectoral, with courses addressing traditional engineering disciplines as well as newly innovative areas..

The specific topics covered include:

- Phenomenology and dynamics of water and soil pollution;
- Defence against territorial risks and extraordinary events;
- Reclamation of contaminated land;
- Environmental and territorial planning and monitoring;
- Water treatment;
- Management and disposal of solid waste;
- Modeling of environmental systems;
- Chemistry and environmental technology for territorial defence;
- Environmental and sanitary engineering;
- Planning of transportation systems.



Location

Course lectures are held at the Bari campus.



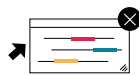
Duration

Expected course completion time is 2 years.



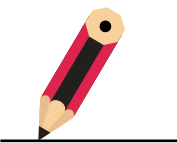
Language

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



Admission

Access subject to verification of programme requirements.



SKILLS AND PROGRAMMES

CURRENT PROGRAMMES

- Soil defence and environmental planning (Bari campus);
- Protection and reclamation of natural and built environment (Taranto campus).

INTERNATIONALISATION

Double Degree agreement between the Polytechnic of Bari - DICATECh and the Université Grenoble Alpes.

The project is part of the Alliance of European Research and Technology Laboratories, of which the Polytechnic University of Bari is a member. By following an international study programme in English, students are awarded a **double degree**: in France with a thesis presentation at Université Grenoble Alpes and in Italy with a thesis presentation at the Polytechnic.



PROFESSIONAL OPPORTUNITIES



The main employment opportunities are in innovation and development of production, advanced design, planning and programming, and management of complex systems.

Master's graduates are able to perform **highly qualified roles**, both in engineering firms and in industrial and institutional environments such as:

- Designer of environmental defence projects to prevent degradation and risk situations;
- Designer of reclamation projects for contaminated sites with assessment of environmental quality in its various forms;
- Manager of research groups and technology transfer; manager of complex and/or innovative systems, processes, and services within local contexts;
- Supervisor for the planning, operation, and control of complex and/or innovative systems, including the production and management of urban and territorial goods and services and energy conservation;
- Supervisor for planning, programming, and urban and territorial design at various levels, including authorisation procedures and evaluation of plans, projects, and technological installations;
- Designer and/or manager of product and process quality systems and laboratories for highly complex experiments.

Master's graduates may find **employment** with companies, public and private bodies and professional offices to design, plan, and manage projects for the control and monitoring systems of local environment and territory, soil defense, waste management, environmental, geological and energy resources, and for the evaluation of environmental impact and compatibility.

The study programme ensures the attainment of the requisites (and required Master's degree) for admission to the Italian State Exam, enabling registration on the professional Order of Engineers (Section A, Civil-Environmental).