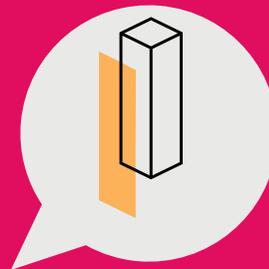


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LAUREATI  
OGNI  
ANNO



1st  
University  
in Italy  
for graduate  
employment rate  
5 years after  
graduation  
**96.5%**



## CONTACTS

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Politecnico  
di Bari



Dipartimento  
Meccanica  
Matematica  
Management



# MANAGEMENT ENGINEERING FOR INNOVATION

BACHELOR DEGREE  
POLIBA



Management Engineering  
for Innovation



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



The Degree Programme in **“Management Engineering for Innovation”** is an international study programme with structured mobility, taught in English by the Polytechnic University of Bari (POLIBA) in collaboration with Poznan University of Technology (PUT) in Poland and the Technical University of Applied Sciences Würzburg-Schweinfurt (THWS) in Germany.



## EDUCATIONAL OBJECTIVES



### Location

The course lectures are delivered at **Bari Campus** and at PUT or THWS.



### Duration

The expected duration for completing the course is **3 years**.



### Language

Lectures, seminars, and laboratory sessions are taught in **English**.



### Admission

Admission is subject to passing the **CEnT** (CISIA English Test) or the **TOLC-I** (CISIA Online Test for Engineering).

The Degree Programme is structured into two study tracks associated with the partner university where the international mobility period takes place: PUT or THWS. Each track is delivered across two academic locations: the Polytechnic University of Bari and the partner university. It includes a structured and mandatory international mobility period at the part-

ner university for a total of two semesters. For both tracks, POLIBA hosts the 1st and 2nd semesters.

The **PUT Track** is structured as follows: 3rd semester at PUT. 4th and 5th semesters at POLIBA. 6th semester at PUT.

The **THWS Track** is structured as follows: 3rd semester at THWS. 4th and 5th semesters at POLIBA. 6th semester at THWS.

The degree awarded upon completion of the programme is **“Management Engineering for Innovation”**. Under the agreements with the partner universities, students may obtain a double degree upon completion of 210 ECTS credits.

The Degree Programme in “Management Engineering for Innovation” educates Management Engineers with the essential competencies required to **design, plan and manage innovation in industrial systems, production processes and organisational structures**, within both public and private enterprises.

Graduates will be able to identify, formulate and solve complex problems using advanced analytical tools and methodologies based on artificial intelligence, enabling them to excel in an increasingly dynamic, digitalised and technology-driven economy. They will be prepared to navigate the complexity of today’s world, characterised by technological disruption, economic turbulence and environmental challenges, playing a key role in transformation and change processes.



## THE SKILLS

**Key competencies** include:

- the ability to identify, analyse and manage the core processes of organisational, production and logistics systems;
- the ability to formulate and design technological and organisational improvements (digital procedures, introduction of new technologies, new organisational methods);
- the management of innovation processes and projects, with specific reference to the application of digital technologies and artificial intelligence in the production and logistics domain;
- the management of digital transformation processes within organisations;
- the technical and economic evaluation of technologies and continuous improvement and innovation projects through cost-benefit analysis;
- the assessment of the impact of decisions and change projects on the organisation.

## ACTIVE TRACKS



- **PUT Track:** mobility programme in collaboration with Poznan University of Technology (Poland).

- **THWS Track:** mobility programme in collaboration with the Technical University of Applied Sciences Würzburg-Schweinfurt (Germany), including 30 ECTS credits of mandatory industrial internship.

## CAREER OPPORTUNITIES

**Career opportunities** for graduates include manufacturing and service companies, public administrations and consulting firms, at both national and international level.

The professional profile focuses on analysing the key processes and structures of the organisational, production and logistics systems of public or private organisations, and on designing, planning and managing innovation through the use of digital technologies, while also assessing the organisational impact of change.

This professional figure is intended to operate in support of high-level managerial and strategic roles leading corporate digital transformation projects.

Main professional fields include business organisation, management and innovation of production and technological systems, project management and management control, manufacturing technologies and innovation management.



## FURTHER STUDIES

Graduates in Management Engineering for Innovation may continue their studies in **any Second-Cycle Degree Programme (Master’s Degree)**, in accordance with current regulations and the rules established by each University. The most natural progression is enrolment in the Master’s Degree in Management Engineering at the Politecnico di Bari, where students deepen topics related to innovation, entrepreneurship, technologies, operational processes, digital transformation, sustainability, finance and management control.

Upon completion of 30 ECTS credits within the Master’s Degree in Management Engineering, graduates may obtain a **double degree** awarded by the partner university.