



Dipartimento
Meccanica
Matematica
Management

POLITECNICO DI BARI

Department of Mechanics, Mathematics and Management

Master's Degree in Mechanical Engineering

Student Handbook

All essential information for your studies, from admission to graduation.

Updated: September 2026

STUDENT HANDBOOK : Updated: 14 September 2026

Contents

Programme

[Overview](#)

[Organisation & Contacts](#)

Incoming Guidance

[Admission](#)

[Curricular Requirements](#)

[Individual Preparation](#)

[Deadlines & Secretariat](#)

[Transfer](#)

Ongoing Support

[Individual Study Plan](#)

[Elective Courses](#)

[Other Procedures](#)

[Internships](#)

[Types of Internship](#)

[Forms & Procedures](#)

[Grade Recording](#)

[Final Report](#)

[International Mobility](#)

[Teaching Quality](#)

Outgoing Guidance

[Final Thesis](#)

[Career Opportunities](#)

Overview of the Degree Programme

The Master's Degree Programme in Mechanical Engineering aims to train engineers capable of performing a wide range of professional functions and competing on both national and international labour markets. This is achieved through the acquisition of strong technical skills, with a marked international and interdisciplinary orientation, encompassing both fundamental sciences and the core disciplines of mechanical engineering.

All teaching is delivered **exclusively in English**. In the first year, students attend in-depth courses in foundational disciplines (analytical mechanics, mathematical methods for engineering, physics, and chemistry) and mechanical disciplines. In the second year, elective courses are available in related fields, along with a wide range of free electives.

The educational pathway is completed by internships, primarily at national and international companies and organisations. The programme also fosters synergies with the industrial and academic world through visiting professors and industry partnerships.

Mechanics Curriculum

Equips engineers with advanced tools for cutting-edge technologies: complex machines, fluid dynamics, advanced materials, and more.

Specialisation areas:

- Fluid dynamic and thermal systems for energy and propulsion
- Digital technologies for manufacturing and quality control
- Sustainability and the circular economy

Mechatronics & Robotics Curriculum

Interdisciplinary preparation in mechanics, control theory, advanced sensors, smart materials, and virtual reality.

Suited to subsequent activities in research, technological development, and entrepreneurial initiatives.

For the Educational Regulations for each enrolment year: [RD-LM31 | Politecnico di Bari](#)

Further information: [Mechanical Engineering – Master's Degree – PoliBa](#)

Programme Organisation & Contacts

Prof. Sergio Mario Camporeale Programme Coordinator	Prof. Maria Cinefra Deputy Coordinator	Vito Cacucciolo Review/Management Group
Antonella Gaspari Review/Management Group	Davide Palumbo Review/Management Group	Vincenzo Antonelli Student Representative
Euprepio Di Coste Technical & Administrative Staff		

Email (Coordinator) coordinatorelm31@poliba.it sergio.camporeale@poliba.it	Phone +39 080 596 3627
Office Hours Mondays 11:00–13:00 via Teams <i>Email in advance with subject "Office Hours"</i>	Deputy Coordinator maria.cinefra@poliba.it

Join the MSc Mechanical Engineering Student Hub on Microsoft Teams for programme announcements, useful resources, and internship and thesis opportunities.

Join here: [Generale | MSc Mechanical Engineering – Student Hub.](#)

Team code: **37tf8v0**

Admission to the Programme

International Students

Students with a qualification obtained outside Italy must follow the procedures described in the document [Admission and Enrolment Procedures for International Students](#). In addition, applicants must:

- Hold a Bachelor's Degree or equivalent academic qualification satisfying the Curricular Requirements below;
- Have an academic performance considered suitable for admission (an Academic Committee will verify adequacy, and may arrange tests or interviews);
- Have **certified knowledge of English at least at B2 level**. Knowledge of the English may be certified in one of ways indicated at the link [ADMISSIONS - SECOND-CYCLE DEGREE PROGRAMMES | Politecnico di Bari | de' remi facemmo ali](#)

Incoming Guidance

Curricular Requirements

Graduates holding a Bachelor's degree in **Mechanical Engineering** may enrol directly — their curricular requirements are considered automatically satisfied.

For all other graduates, a prior academic career verification is mandatory. The following credit thresholds must be met:

Requirement 1 — Foundational Disciplines

At least 36 ECTS credits (or 20% of total credits) in:

- Mathematical Analysis, Geometry, Experimental Physics
- Chemical Foundations of Technology, Mathematical Physics
- Numerical Analysis, Operations Research, Information Systems, Physics of Matter

Requirement 2 — Characteristic Mechanical Engineering Disciplines

At least 48 ECTS credits (or 27% of total credits) in the following areas:

- Flight Mechanics · Aerospace Structures · Aerospace Systems · Fluid Dynamics · Aerospace Propulsion
- Fluid Machinery · Energy Systems · Industrial Technical Physics · Environmental Technical Physics
- Mechanical and Thermal Measurements · Applied Machine Mechanics
- Mechanical Design and Machine Construction · Drawing and Industrial Engineering Methods
- Manufacturing Technologies and Systems · Mechanical Industrial Plants
- Materials Science and Technology · Automatic Control · Electrical Engineering
- Converters, Electrical Machines and Drives · Industrial Bioengineering
- Electrical and Electronic Measurements · Structural Engineering

If Requirements Are Not Met

The Department may assign additional educational obligations (individual courses). Upon passing these, the student may proceed with enrolment.

Incoming Guidance

Verification of Individual Preparation

No admission tests are required. Individual preparation is automatically verified if the Bachelor's degree grade is equivalent to at least **85/110** (or the international equivalent).

If this threshold is not met, an *ad hoc* Departmental Committee will conduct an interview on the core subjects of Mechanical Engineering, including: Fluid Machinery, Energy Systems, Industrial Technical Physics, Mechanical and Thermal Measurements, Applied Machine Mechanics, Mechanical Design and Machine Construction, Drawing and Industrial Engineering Methods, Manufacturing Technologies and Systems, and Mechanical Industrial Plants.

Important

Enrolment is only permitted upon a positive outcome. **In the event of a negative outcome, the interview may be repeated only once.**

Deadlines, Available Places & Secretariat

Admission deadlines and available places: <https://www.poliba.it/en/immatricolazioni>

Incoming Guidance

Transfer from Other Degree Programmes

General transfer rules are available in the University's Educational Regulations: www.poliba.it/it/ateneo/regolamenti

Interested students must submit an application to the Teaching Secretariat. Transfers are subject to verification of curricular requirements and, where necessary, individual preparation. Recognition of ECTS credits will follow these criteria:

- **(a)** Transfers from the same degree class: ECTS credits in the same disciplinary sector are automatically recognised up to the maximum envisaged.
- **(b)** Other cases: the greatest possible number of credits is recognised through examination of equivalences between courses in the same disciplinary field. Grades already obtained are maintained.

Minimum credits at Politecnico di Bari

Students transferring from another institution are required to acquire at least **60 credits** at the Politecnico di Bari, including the final examination, in order to obtain the degree.

Ongoing Support

Individual Study Plan (PSI)

Students may submit an Individual Study Plan (PSI) differing from the official one, provided it complies with the constraints set out in the Educational Regulations. PSIs are accepted only where there are **strong justifications**. Exceptions are granted to:

- Students whose plan has become "autonomous" due to amendments to the Educational Regulations;
- Students participating in international exchange programmes.

Applications must be submitted via the [DEPASAS electronic procedure](#), within the time windows defined by the Department (see Elective Courses section for windows).

All requests are reviewed by the Programme Coordinator and referred to the Departmental Board for final approval.

Elective Courses (Prescribed Course Pools)

Students must specify **2 elective courses totalling 12 ECTS credits** within their study plan, chosen from the prescribed pool of their curriculum.

Courses selected from the automatic approval pathways at the time of enrolment do not require additional approval. All other requests must be submitted via [DEPASAS](#).

Allowed Substitutions

- **1 elective (6 ECTS)** — from the pool of the chosen curriculum or any other curriculum of the MSc in Mechanical Engineering;
- **1 elective (6 ECTS)** — from MSc programmes in: Mechanical Engineering (Italian), Energy Engineering, Management Engineering, Electrical Engineering, Electronic and Telecommunications Engineering, Computer Engineering, or Automation and Robotics Engineering.

NOTE 1: All substitutions must be submitted via DEPASAS.

NOTE 2: Only in exceptional, duly justified cases may electives be chosen from Bachelor's programmes or from MSc programmes outside the industrial/information areas listed above.

Submission Time Windows

First Semester	Second Semester
• 20 September – 20 October • 1 November – 10 November (<i>recovery</i>)	• 20 February – 20 March • 1 April – 10 April (<i>recovery</i>)

Recovery windows are reserved for students whose application was not accepted, or who faced technical-administrative constraints.

Ongoing Support

Other Student Procedures

Requests for **Recognition of External Academic Credits (RCCE)** and **Recognition of Prior Academic Credits (RCCP)** must be submitted through the [DEPASAS](#) procedure, and must include original or self-certified documentation attesting to the acquisition of the ECTS credits requested.

All requests are reviewed by the Programme Coordinator and referred to the Departmental Board for final decision.

Internships (Tirocini)

The curricular internship is a period of professional training aimed at complementing classroom knowledge with practical skills. See the [General Regulations for Curricular Internships](#).

Key figures

6 ECTS credits assigned to the internship (2nd year) · **150 hours** minimum activity · **2 months** minimum duration · 1 ECTS = 25 hours

Types of Internship

Internal	External	Abroad
Within University facilities, supervised by a University Tutor	At a company/organisation with an active agreement with PoliBa	At a company or organisation in a foreign country

External and abroad internships require both a **Company Tutor** and a **University Tutor**. Details: [Internships for Students | Politecnico di Bari](#).

Administrative Forms & Procedures

Before Starting — Health & Safety Course

Attendance and successful completion of the **Health and Safety in the Workplace** course is mandatory before any internship can begin. Register at: [Credential Activation Form](#). The **participation certificate must be attached to the Training Project**.

Internal Internship

Contact a lecturer affiliated with the programme who is willing to act as your Academic Tutor, and agree on the training project, activities and internship period. Complete the [Internship Project form](#) in full for the internal internship section, have it signed by both yourself and your Academic Tutor, and send it with the safety certificate to tirocinistudenti.dmmm@poliba.it.

Use only your institutional email address. The email subject must be: RICHIESTA INIZIO TIROCINIO INTERNO CURRICULARE. Include your full name, student number and degree programme in the email body.

Attach the following documents in PDF format only, using these filenames:

- DOMANDA DI AMMISSIONE AL TIROCINIO _Nome_Cognome_Matricola.pdf
- CERTIFICAZIONE_SICUREZZA_Nome_Cognome_Matricola.pdf

Before sending, check that all documents are complete, legible, duly signed and correctly named.

The DMMM Teaching Secretariat checks the documentation and registers the request, initiating the administrative procedure for internship activation and the associated University insurance coverage. After processing the request, it sends the Internship Project Form, bearing the protocol number and date, to the student and Academic Tutor, with the Programme Coordinator copied in.

The internship may begin only after the official communication from the DMMM Teaching Secretariat.

Carry out the approved training project under the supervision of your Academic Tutor. At the end, the Tutor issues the End-of-Internship Form, certifying regular completion, the required hours and achievement of the training objectives. The form records the internship period, total hours including on-site activities and independent study, and the final outcome. All the information is available at [Procedura tirocinio interno del DMMM e documentazione](#).

External Internship

The hosting organisation must have an active agreement with PoliBa. Consult the [List of Active Agreements](#). If the organisation is not listed, the accreditation procedure is available at [ESSE3 \(operational instructions\)](#).

Complete the [Training Project form](#) in full and send it to the Orientation and Internships Office at least **7 days before** the start of the internship. *Insurance is provided by INAIL (workplace accidents) and UNIPOL SAI Assicurazioni S.p.A. (civil liability).*

Internship Abroad

Submit two documents to tirocinistudenti@poliba.it: the [Learning Agreement](#) and the Training Project. More info: [Internships page](#).

Internship Grade Recording (Verbalizzazione)

Internal Internship

1 Submit final documentation

At least 4 days before the recording date, access the Internship Form through your degree programme's Vademecum by selecting the intended recording session. Sign in using your institutional email address, complete all mandatory fields and attach:

- Internship Start Form returned by the Teaching Secretariat, bearing the protocol number and date.
- Final Activity Report signed by both the student and the Academic Tutor.
- End-of-Internship Form issued by the Academic Tutor.

The Form allows only one submission. Before submitting, check that all documents are complete, correct and legible.

2 Wait for the administrative check

The Teaching Secretariat verifies the final documentation. Only after a positive administrative check may you register for the internship recording session on ESSE3 and complete the student satisfaction questionnaire.

3 Register on ESSE3 and complete the questionnaire

Book one of the "Internship" examination sessions on the [ESSE3 portal](#).

- [Internship Experience Evaluation](#) (student — all internship types)

Forms are available in the Internships folder linked below. The final report requirements in this handbook also apply to internal internships.

External Internships and Internships Abroad

Once the internship is completed, the student must:

1 Register on ESSE3

Book one of the "Internship" examination sessions on the [ESSE3 portal](#).

2 Complete satisfaction surveys

- [Internship Experience Evaluation](#) (*student*)
- [Host Institution Trainee Evaluation](#) (*hosting organisation — external only*)

3 Submit documentation via the online platform

No later than **4 days before** the recording date. Documents available in the [Internships folder](#).

- Training Project (*signed by tutors*)
- Activity Report (*signed by tutors*)
- End-of-Internship Form
- *External/abroad only:* Attendance Register
- *External/abroad only:* Activation email PDF from Internships Office

Attention

The system does **not allow multiple submissions**. Check all documentation carefully before submitting.

Recording Calendar 2025/2026

Session	Date
Internship Grade Recording	15 January 2026
Internship Grade Recording	3 February 2026
Internship Grade Recording	3 March 2026
Internship Grade Recording	2 April 2026
Internship Grade Recording	4 June 2026
Internship Grade Recording	2 July 2026

Session	Date
Internship Grade Recording	1 October 2026
Internship Grade Recording	3 November 2026
Internship Grade Recording	1 December 2026

Guidelines for the Final Internship Report

The report is the student's responsibility and must be supervised and approved by the tutors. It must include:

- A precise indication of the objectives;
- A description of the company/institution (*external internships only*);
- A detailed description of the activities carried out;
- A detailed description of the results achieved.

Note on Internship vs. Thesis

The internship and the thesis are two **separate activities** yielding distinct credits. It is permissible — and encouraged — to carry out both at the same company, provided the internship addresses problems *distinguishable* from those of the thesis.

Ongoing Support

International Mobility

The **Erasmus Programme** is available for periods of study or thesis work abroad. For procedures and regulations: [Studying Abroad | Politecnico di Bari](#).

Incoming Mobility Coordinator Prof. Claudio Sassanelli claudio.sassanelli@poliba.it	Outgoing Mobility Coordinator Prof. Marco Torresi marco.torresi@poliba.it
--	---

Ongoing Support

Teaching Quality

The governing bodies of the Degree Programme monitor teaching quality through annual student teaching questionnaires and University dashboard indicators. A periodic review report is compiled, containing proposals for improvement measures.

Students are invited to consult the analyses and documents published by the Joint Teaching-Student Committee (Commissione Paritetica Docenti-Studenti): [Annual Reports](#).

Outgoing Guidance

Final Thesis

The final examination is an important individual educational milestone. It consists in the **drafting and discussion of an original work** — theoretical, experimental, or design in nature — demonstrating solid knowledge, communication skills, and an autonomous contribution.

Key information

- **18 ECTS credits** assigned to the preparation of the final examination
- The thesis is prepared under the guidance of one or more supervisors, following an internship
- The thesis **must be written and defended in English**
- The final grade takes into account the student's entire academic career plus the examination result

General rules are in the University's Educational Regulations: www.poliba.it ("Statutes and Regulations") and in the Vademecum documents at dmmm.poliba.it/didattica.

The examination calendar is available on the [ESSE3 Public Area](#).

Outgoing Guidance

Career Opportunities & Placement

The programme's coordinating bodies process data on graduate profiles and employment opportunities, and coordinate with the [Placement Office of the Politecnico di Bari](#) (contact: Dr. Lucrezia Petolicchio).

- Consult graduate employment statistics via the [Alma laurea consortium](#).
- Find out about services provided by the Placement Office.
- Follow institutional channels for recruitment initiatives by companies interested in hiring recent graduates.