

**The Rector**

**POLITECNICO  
MILANO 1863**

HAVING REGARD TO Politecnico di Milano's Articles of Association;  
 HAVING REGARD TO Ministerial Decree 3.11.1999, no. 509;  
 HAVING REGARD TO Ministerial Decree 22.10.2004, no. 270;  
 HAVING REGARD TO the University's Educational Rules - Regulations;  
 HAVING REGARD TO the Regulation for 1<sup>st</sup> and 2<sup>nd</sup> level Specialising Masters, Post Graduate Courses and Continuing Education of Politecnico di Milano issued with Rector's Decree no. 6485 of 30.05.2024;  
 HAVING ACQUIRED the favourable opinion of the Academic Senate during the meeting on 16.02.2026, on the establishment and activation of proposals for Specialising Masters, including the second level Specialising Master in "ENERGY MANAGEMENT IN BUILDINGS AND INFRASTRUCTURES"

**HEREBY DECREES**

that the second level Specialising Master in "ENERGY MANAGEMENT IN BUILDINGS AND INFRASTRUCTURES" is established and activated for the years 2026/2027.

**ART. 1**

**Master's features**

The second level Specialising Master in "ENERGY MANAGEMENT IN BUILDINGS AND INFRASTRUCTURES" has been set up and activated at the Department of Architecture, Built Environment and Construction Engineering.

The Master is provided by CONSORZIO CIS-E - POLITECNICO DI MILANO. The reference school is the School of Architecture, Urban Planning and Construction Engineering.

The Specialising Master's Director is Professor Giuliano Dall'Ò. The Vice-Director is Professor Pietro Giuseppe Crespi.

The Scientific Committee of the Specialising Master's programme is composed by Professors from Politecnico di Milano: Giuliano Dall'Ò, Alberto Franchi, Paola Ronca, Francesco Bruno, Mario Maistrello, Antonio Migliacci, Pietro Giuseppe Crespi, Adalberto Del Bo, Angelo Lucchini, Maria Cairoli, Stefano Della Torre and Claudio Del Pero; by Alessandro Zichi from Consorzio CIS-E Politecnico di Milano; and Lavinia Chiara Tagliabue.

**ART. 2**

**Educational objective and employment opportunities**

Energy management, with the agreement on the EPBD (Energy performance of building directive) and the EU Directive 2024/1275 (Green Directive) of the European Parliament, is the most important aspect of reconfiguration of existing buildings and evaluation and design of new projects. The advanced course provides professional insights into energy management at building and territorial scale, smart grids, as well as the environmental impact of both buildings and infrastructures. The training program is performed for energy certification professional (CENED), the environmental professional for buildings (Green and Associated LEED), and infrastructures, (ENVISION Sustainability Professional). About the experts in the Energy Management, the course performed for Energy Manager (10/91), Expert in Energy Management (UNI- CEI 11339/2009), Energy Auditor (UNI CEI EN 16247 part 5), Auditor / Lead Auditor Management Systems for Energy (ISO 50001), Energy Consultant and thermographer. During the training will be addressed the methods for investigation to verify the performance of existing buildings, the energy and environmental analysis, design systems for the production of renewable energy, use of energy and BIM software.

Employment opportunities: Construction companies, manufacturers of building technology, engineering and architecture design offices, public administration, in Italy and in foreign countries.

**The Master's will be delivered in English and can be followed online.**

**ART. 3  
Teaching content and organisation**

The Specialising Master's will start in **November 2026** and will end in **November 2027**.

The master course aims at training experts professionals in the design, inspection, testing, management and maintenance of constructions in sustainable environmental development.

The master's is a **61 ECTS** programme and teaching will be organised as follows:

Educational activity	MANDATORY Courses		
Teaching	SSD	Total hours of activity	ECTS
CAM - Minimum Environmental Criteria	ING-IND/11	16	1
	ICAR/10		
CENED - NZEB designer	ING-IND/11	194	7
	ICAR/10		
Green Market - project financing and economic evaluations of investments - LCC	ICAR/14	19	1
	ICAR/09		
Green Building Council and LEED	ING-IND/11	50	2
	ICAR/10		
Sustainable infrastructure: ENVISION	ING-IND/11	50	2
	ICAR/10		
LCA analysis, evaluations and use of software	ING-IND/11	32	1
	ICAR/10		
Energy Manager: EGE e Energy Auditor [EGE]	ING-IND/11	64	2
The energy contribution provided by renewable sources	ING-IND/11	34	1
Dynamic energy modeling for energy and environmental certifications	ICAR/14	82	3
	ICAR/09		
Energy evaluation and design of industrial and civil systems	ING-IND/11	50	2
Introduction to the use of thermography	ING-IND/11	50	2
FIRE DESIGN - passive design, technologies, maintenance and control	ING-IND/11	50	2
BIM Management, from modelling to coordination	ING-IND/11	160	6

Other activities	MANDATORY Courses		
Teaching	SSD	Total hours of activity	ECTS
Internship	n.a.	550	22
Thesis preparation, discussion and final examination	n.a.	180	7

**ART. 4**  
**Admission requirements**

The admission is open to applicants with a Master of Science or equivalent degrees. The admission is also open to Italian and foreign citizens with as foreign degree as far as equivalent to a Master of Science in their respective University System.

The maximum number of admitted students is 50. The selection process is carried out by the Scientific Committee.

**ART. 5**  
**Formal requirements**

The **admission application** must be submitted starting from the day after the date of this Decree and **no later than one month BEFORE the start of the program.**

The extended information on data processing and data subject rights is available on the website [www.polimi.it/privacy](http://www.polimi.it/privacy).

The managing authority delivering the program must provide students with all the necessary set of forms and information on how to correctly apply to the Master's.

Once the validity of the qualification has been verified, the Managing Body will advise the student on the documentation needed to prove the authenticity of their qualification, in accordance with the MIUR/MAE's note "Procedures for entry, residency and enrolment of international students and the respective recognition of qualifications, for higher education courses in Italy for the academic year 2025/2026".

In particular, the Managing Body can request the following documents:

**\* Italian/foreign citizens having graduated in Italy**

- copy of the identity document
- copy of the Diploma Supplement or copy of the degree diploma or self-certification through the appropriate form provided by the Master's Managing Authority.

**\* Italian/EU citizens with qualification obtained abroad**

- copy of the identity document
- **copy of the academic qualification** in original language and its translation into Italian/English/French or Spanish
- copy of transcripts with the list of exams in the original language and their translation into Italian/English/French or Spanish or Diploma Supplement in English language (**when enrolling, the students have to submit:**
  - **the Declaration of Value issued by the relevant area's Italian Representative abroad** or
  - the **Diploma Supplement with digital signature or electronic time stamp** or, in case of absence of digital signature/electronic time stamp, **the Diploma supplement with apostille** or
  - **a certificate issued by the Enic/Naric Centres** or
  - **a certificate issued by the World Education Services - WES).**

Under Art. 75 of Italian Presidential Decree 445/2000, if the Administration, after carrying out suitable checks, finds that the content of the declarations made by the applicant is untrue, the declarant forfeits any benefits obtained through the untrue declaration.

### \* Non-EU citizens having graduated abroad

Non-EU foreign citizens must submit the following documents to the Managing Authority:

- **copy of the degree** in the original language and its translation into Italian/English/French or Spanish;
- **copy of the transcripts** with the list of exams in the original language and their translation into Italian/English/French or Spanish (**when enrolling, the students have to submit:**
  - **the Declaration of Value issued by the relevant area's Italian Representative abroad** or
  - **a certificate issued by the Enic/Naric Centres** or
  - **a certificate issued by the World Education Services - WES.**
- **copy of a valid passport)**

**After the acceptance from the University, and only after confirming to the Managing Authority their participation to the programme in accordance with its procedures, students will have to register on the Ministerial portal <https://www.universitaly.it>. Once the registration has been completed, the student will have to inform the Managing Authority, so that the application can be sent to the authorities responsible for issuing the entry visa.**

It is also specified that:

- the preliminary acceptance of a candidate by the university **does not grant any right to obtain the visa;**
- obtaining a student visa issued by the competent diplomatic-consular representation **does not grant any right to complete the enrollment.**

**The managing authority informs Politecnico di Milano Masters and Continuous Educations unit, about the starting date of the course AT LEAST two months before the starting date.**

### **ENROLMENT PROCESS:**

Students admitted to the Master's Programme must obtain the access credentials to Politecnico di Milano's online services on the website [www.polimi.it](http://www.polimi.it), enter their personal data and attach valid identity document (passport for non-EU citizens). Students already registered are expected to update their personal details, if these are obsolete.

**Portal access credentials must be safely kept since they will be required for the access to all Politecnico di Milano's services.** Lost credentials can be autonomously restored or obtained through an OTRS ticket.

In order to proceed with the enrolment, students admitted to the Masters' must pay the enrolment fee as well as the enrolment stamp via Politecnico di Milano's online services.

In addition to the above documentation, **non-EU citizens must upload a copy of a valid entrance document as well as the residence permit, on their online services personal data record.**

In order to be enrolled at Politecnico di Milano, regardless of the Master's delivery mode (in person, online/distance learning), **non-EU citizens must upload a copy of a valid passport on their online services personal data record.**

### **ART. 6**

#### **Degree and award recognitions**

### **ISSUED CERTIFICATION**

In order to be able to take the final exam, students admitted to the Master's final examination have to pay the due fee through the online services of Politecnico di Milano.

At the end of the Programme, upon completion of the course and after passing the final test, the student will be awarded the second level specialising Master in "Energy management in buildings and infrastructures", in English language.

## **STUDENT OBLIGATIONS**

Attendance is compulsory for at least 75 per cent of the programme activities.

Withdrawal from the Programme must be communicated in written form. The training period cannot be suspended for any reasons.

## **TESTING METHODS**

The final exam will consist of the discussion of the master's thesis.

### **ART. 7**

#### **Tuition fees and contributions**

The cost of this Specialising Master programme, for in-person participation, is € **5.500,00** divided as follows:

- Politecnico di Milano enrolment fee is € **500,00** per student.
- Participation fee is € **5.000,00** per student

The cost of this Specialising Master programme, for online participation, is € **3.000,00** divided as follows:

- Politecnico di Milano enrolment fee is € **500,00** per student.
- Participation fee is € **2.500,00** per student

#### **Politecnico di Milano enrolment fee will not be refunded under any circumstances.**

As far as the Specialising Master participation fee is concerned, it will be the managing authority responsibility to define the procedures.

### **ART. 8**

#### **Personal data processing**

Under EU Regulation no. 2016/679 on data protection, the University processes personal data only for purposes related to the master's admission, enrolment and management, and you agree to the disclosure of your personal information to third parties, particularly:

- public and private entities possibly interested in recruitment;
- to academic programme backers; Politecnico Treasurer for services related to tuition fees;
- to Managing Authorities managing loans, housing, flexible employment contracts, cultural, recreational and/or sport activities.
- I authorise the use of the data for statistical purposes in respect of the procedures and authorisations required by the cited regulation.

The extended information on data processing and data subject rights is available on the website [www.polimi.it/privacy](http://www.polimi.it/privacy)

### **ART. 9**

#### **Publication**

This Decree is made public on Politecnico di Milano's website at <https://www.polimi.it/corsi/master-universitari-e-corsi-post-laurea/>

**FOR CLARIFICATIONS AND FURTHER INFORMATION, PLEASE CONTACT:**

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Website: <https://www.masterpesenti.polimi.it>

The Rector  
(prof. Donatella Sciuto)  
*Signed Donatella Sciuto*

*Digitally signed document, under legislation.*