



Decree Index no. 6091 File no. 155518
Date 28/06/2022
Title III Class V
UOR SEMFC

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 Regulations for Specialising Masters Degrees of Politecnico di Milano issued with Rector's Decree no. 2235 of 05.08.2013;
HAVING ACQUIRED the favourable opinion of the Academic Senate during the meeting on 20.06.2022, on the establishment and activation of proposals of Specialising Masters, including the I level Specialising Master "INTERNATIONAL MASTER IN SMART OPERATIONS & INDUSTRY 4.0"

HEREBY DECREES

The I level Specialising Master "INTERNATIONAL MASTER IN SMART OPERATIONS & INDUSTRY 4.0" is established and activated for the year 2023/2024.

ART. 1 Characteristics of the Master's

The I level Specialising Master "INTERNATIONAL MASTER IN SMART OPERATIONS & INDUSTRY 4.0" is established and activated at the Management, Economics and Industrial Engineering Department.

The programme is provided by POLIMI Graduate School of Management (MIP Politecnico di Milano Graduate School of Business) consortium joint stock company. The reference School is School of Industrial and Information Engineering.

The Coordinator of the Specialising Master's is Prof. Alberto Portioli Staudacher. The Vice Director is Prof. Sergio Terzi.

The Commission of the Specialising Master's programme comprises:

- Prof. ALBERTO PORTIOLI STAUDACHER - POLITECNICO DI MILANO
- Prof. SERGIO TERZI - POLITECNICO DI MILANO
- Prof. ANDREA SIANESI - POLITECNICO DI MILANO
- Prof.ssa ANTONELLA MARIA MORETTO - POLITECNICO DI MILANO

ART. 2 Educational objective and employment opportunities

The objective of the master is to train the Chief Operations Officers of the future, that is a figure who integrates the different professional skills of the operational part of the company so that the best product (or service) is offered in the shortest time, with the best quality, at the best price, respecting the environment. In addition to a systemic vision, this figure will have an extensive knowledge of digital technologies as enabling factors and as a lever to obtain superior performance and a significant competitive advantage.

The first job career opportunities are all the areas that report to the Chief Operations Officer. From Production, to Maintenance, Quality, Production Engineering, Product Development, Production Information Systems, Production Planning. The systemic vision that this program provides, allows students to start working in one area, but always understanding and overseeing interactions with other areas, training the overall vision you need by growing in your organizational position.

The Master allows students to work in companies of all industrial sectors, in service companies, and in consulting companies: which particularly appreciate the transversal knowledge of the different functional areas, which this training program provides, and which are a typical feature of consultancy interventions that these companies carry out.

The programme will be delivered in English.

ART. 3 Teaching content and organisation

The Specialising Master will start in **October 2023** and will end in **November 2024**.

The master is based on in-depth technical training in operations, with two fundamental pillars (Operations Management and Operations Improvement), in addition to technological and methodological enablers. The enablers are made available as basic elements, plus some provided in elective mode (your choice). To these courses are added general management and soft skill modules, consistent with a purely managerial master's degree. The path ends with an experiential project work, to be carried out with the partner companies of the project.

The teaching will be split as follows:

SSD	Teaching	ECTS	Total hours of activity
ING-IND/17, ING-IND/35	General Management	10	250
ING-IND/17, ING-IND/35	Digital Transformation: Digital Business Strategy & Business Models	2,5	62,5
ING-IND/17, ING-IND/35	Digital Transformation Governance	2,5	62,5
ING-IND/17, ING-IND/35	Digital infrastructure & Information Systems and Enterprise applications	5	125
ING-IND/17, ING-IND/35	Digital innovations Waves (AI, Cloud, Blockchain)	5	125
ING-IND/17	Smart Engineering	3	75
ING-IND/17	Smart production planning	3	75
ING-IND/17	Smart Manufacturing	3	75
ING-IND/17	Smart Maintenance and After Sales Services	3	75
ING-IND/17	Smart Logistics	3	75
ING-IND/17	Smart Operations Analytics	2,5	62,5
ING-IND/17	Smart Quality Management	2,5	62,5
ING-IND/17	Smart Operational excellence	2,5	62,5
ING-IND/17	Smart Operations Consulting	2,5	62,5
N/A	Leadership and Managerial Skills	5	125
N/A	Professional Experience	3	75
	Project Work	5	125
	TOTAL	63	1.575

ART. 4 Admission requirements

Students are admitted to the Specialising Master's with a Laurea (equivalent to Bachelor of Science) or Specialist Degree/Laurea Magistrale (equivalent to Master of Science). Equivalent qualifications from the university systems of foreign applicants are valid.

The Board is responsible for the selection.

ART. 5 Formal requirements

The **admission application** must be submitted starting from the day following this Decree date and **by**:

- **May 30, 2023 for non-EU applicants;**
- **June 30, 2023 for EU applicants.**

(Registrations may close before once the capacity is reached).

* **Italian/foreign citizens who graduated in Italy**

- Self-certification of personal identity (surname and name, place and date of birth, nationality, and residence)
- copy of the identity document
- copy of the Diploma Supplement or photocopy of the degree diploma and certificate with a list of exams taken for Old Educational System graduates

* **Italian/EU citizens with qualification gained abroad**

- Self-certification of personal identity (surname and name, place and date of birth, nationality, and residence)
- copy of the identity document
- Photocopy of the academic qualification obtained, and a certificate showing the marks given in the individual exams or Diploma Supplement (**during enrolment, the certificate of equivalence issued by the relevant area's Italian Representative abroad or certificate issued by the Enic/Naric Centres must be submitted**)

The admission application must state the following "I authorise this University, under EU Regulation no. 2016/679 on data protection, to process personal data only for purposes related to the Master's admission, enrolment and management, and agree to the disclosure of my personal information to third parties, particularly:

- public and private entities interested in possible recruitment;
- academic programme backers; Politecnico Treasurer for services related to tuition fees;
- entities managing unsecured loans, housing, flexible employment contracts, cultural, recreational and/or sports 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 on data subject rights is available on the website www.polimi.it/privacy

The documentation is available electronically on the website: <https://www.applyformasters.net/>

The documentation must be sent to:

POLIMI Graduate School f Management

Via Lambruschini, 4C - Building 26/A

20156 MILANO (MI)

Phone: +39 0223992820

Fax: +39 0223992844

email: infomasters@gsom.polimi.it

In accordance with 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 by the measure issued based on the untrue declaration.

* **Non-EU citizens who graduated abroad**

Non-EU foreign citizens must submit the following 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 **or Diploma Supplement**
- **copy of a valid passport**

At least 30 days before the enrolment closing date as set out in this article.

The Managing Authority shall send the documentation listed above for the evaluation of qualifications, to participate in the Politecnico di Milano's Specialising Masters, **Masters and Lifelong Learning Service by the closing date of this call for applications**, under the MIUR/MAE note "Procedures for entry, stay and enrolment of students applying for visas in higher education programmes in Italy for the 2021/22" academic year.

Following acceptance by the University, and only after confirming to the Managing Authority their participation on the Programme by the set methods, students must register on the Ministerial portal <https://www.universitaly.it> informing the Managing Authority that the registration has been completed in order for the application to be sent to the Representative responsible for issuing the entry visa.

ENROLMENT METHOD:

Students admitted to the Master's Programme must create access credentials to Politecnico di Milano's online services on the website www.polimi.it They must then enter their details and create a **person code**, attaching a valid identity document (passport for non-EU citizens), and communicate their person code to the Master's Managing Authority. Students already registered must update their personal details, if they are obsolete.

Portal access credentials must be retained as they will be required to access all of Politecnico di Milano's services. Lost access credentials may be autonomously restored or with ticket OTRS.

Politecnico creates a temporary student identification number to allow the student to pay the enrolment fee via online services.

The achievement of an Italian degree can be self-certified by completing the appropriate form provided by the Managing Authority. A degree obtained abroad must be documented by presenting a **declaration of value (DOV)** issued by the Italian Representative abroad (Italian Embassy or Consulate) on letterhead complete with its original stamp; **or a certificate issued by the Enic/Naric Centres.**

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

ART. 6
Degree and award recognitions

ISSUED CERTIFICATION

At the end of the course, upon passing the final examination, the I level Specialising Master's diploma in "International Master in Smart Operations and Industry 4.0" will be issued in English.

Students admitted to the Master's final examination will pay the fee via the online services of Politecnico di Milano in order to be able to take the exam.

STUDENT OBLIGATIONS

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

Cancellation from the Programme must be made in writing. The training period may not be suspended for any reason. The simultaneous enrolment on a Specialising Master and on another Italian University academic programme is not allowed.

TESTING METHODS

The final examination consists of the development and presentation of a Project Work.

ART. 7
Tuition fees and contributions

The cost of the Specialising Master is € 18,500.00 broken down as follows:

- € 500 – Politecnico di Milano enrolment fee
- € 18,000.00 – attendance fee

Share reduced to € 9,500.00 (including € 500.00 of registration fee to Politecnico di Milano) for **Master's graduates of POLITECNICO DI MILANO** who achieved the degree not before 3 years from the time of registration to the Masters.

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

Study scholarships are available to cover partially the enrolment fee, as well as subsidised loans and unsecured loans offered by partnered Credit Institutions.

Tuition and enrolment fees can be paid to the bank account number: IT02L0569601620000010025X55 – Bank account 000010025X55 – CAB 01620 – ABI 05696 – CIN EUR 02 – CIN IT L at Banca Popolare di Sondrio – branch 21 – 20133 Milan.

Indicating as the payment reason ID 2396 MU1 Int Smart Operations and Industry 4.0.

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 in any case you agree to the disclosure of your personal information to third parties, particularly:

- public and private entities interested in possible recruitment;
- academic programme backers; Politecnico Treasurer for services related to tuition fees;
- entities managing unsecured loans, housing, flexible employment contracts, cultural, recreational and/or sports 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

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 INFORMATION ON THE SPECIALISING MASTER'S:

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Fax: +39 02 23992844

infomasters@gsom.polimi.it

<http://www.gsom.polimi.it>

The Rector
(Prof. Ferruccio Resta)
Signed Ferruccio Resta