



Decree Index no. 2114 File no. 41041
Date 01/03/2022
Title III Class 7
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 Regulations;
HAVING REGARD TO Presidential Decree 10 March 1982, no. 162 and particularly articles 1 (paragraph 2, letter c), 16 and 17, for
Specializing Programmes
HAVING REGARD TO art. 6 of the Law of 19 November 1990, no. 341, reform of the university's educational regulations and subsequent amendments and integrations;
HAVING REGARD TO Rector's Decree 2233 of 05.08.2013 – Regulations for Specializing Programmes
HAVING OBTAINED the favourable opinion of the Academic Senate during the 21.02.2022 meeting concerning the institution and activation of proposals for Specializing Programmes, including the Specializing Programme in "PROJECT MANAGEMENT IN CONSTRUCTION WORKS WITH BIM"

DECREES

that the Specializing Programme in "PROJECT MANAGEMENT IN CONSTRUCTION WORKS WITH BIM" has been instituted and activated for 2022.

ART. 1 Specializing Programme's features

The Specializing Programme "PROJECT MANAGEMENT IN CONSTRUCTION WORKS WITH BIM" is instituted and activated at the Department of Architecture, Construction Engineering and Built Environment.

The Programmes' Administrative Office is at the CIS-E Consortium, and the Reference School is the School of Architecture Urban Planning Construction Engineering

The Specializing Programme Coordinator is Prof. Pietro Giuseppe Crespi.

The Programme's Examination Board is made up of professors of Politecnico di Milano: Pietro Giuseppe Crespi, Alberto Franchi, Paola Ronca, Angelo Lucchini, Gianandrea Ciaramella and Eng. Giovanni Franchi from the Consorzio CIS-E.

ART. 2 Educational objective and employment opportunities

The educational objective offered by this specializing programme combines the unit on Lean Management of the Masters in "Project management of structural and infrastructural works" with some teaching units of the Masters in "BIM Manager". The BIM is an increasingly important tool for proper management of projects, construction yards, extraordinary maintenance works, etc., regardless of the dimension and complexity of the intervention in question. Knowing and smartly using the construction industry's digitization trends to benefit one's own work is becoming increasingly important for project managers in the civil, construction and infrastructural engineering sectors. The specializing programme offers the project management basic techniques to engineers and architects, with in-depth study of the BIM methodology and of software at the disposal of project managers.

The programme is offered as an opportunity for learning and further professional training for managers, self-employed professionals and officials employed by technical departments of public entities, real estate development companies, and firms in charge of the technical management of construction (residential, offices) and infrastructural works (highways, ports, airports, railways, and subways.). The specializing programme is aimed at recent graduates who want specialized knowledge, and professionals or public and private employees who need further professional training.

The Specializing Programme will be held by professors at the Politecnico, external professionals and experts in the sector. All students will have a personal account to access the online platform. Lectures will be video recorded and will remain accessible to the student until the end of the course. Several lectures and material may be in English.

The Programme will be delivered online.

ART. 3 Teaching content and organisation

The Specializing Programme will start in **July 2022** and end in **November 2022**.

The teaching plan will be structured as follows:

SSD	Teaching modules title	Total hours	ECTS
ING-IND/28	Lean Six Sigma Green Belt Project Leader	164	6,5
ICAR 10 ICAR 11 ICAR 12	Programmazione del lavoro e computistica (4D e 5D)	75	3
ICAR 12/ICAR 09	Gestione e manutenzione del bene (6D e 7D)	47	1,5
ICAR 10 ICAR 11 ICAR 12	Il Quadro Normativo e il BIM	40	1,5
ICAR 12 ICAR 9	Il BIM nella industrializzazione edilizia, BIM to Field	32	1
ICAR 11 ICAR 17	Common data enviroment e strumenti per il futuro digitale del settore delle costruzioni (in inglese online)	65	2,5
	Final exam	5	--
	TOTAL	428	16

ART. 4 Admission requirements

The programme only accepts applicants who either belong to or plan on joining project teams and companies as Project Manager or Safety Manager, and who have attained a Laurea (equivalent to Bachelor of Science) or a Laurea Specialistica/Magistrale N.O. (equivalent to Master of Science). For international applicants, the equivalent qualifications of the respective university systems will be considered. A student may simultaneously enrol in two Specializing Programmes, or a Specializing Programme and a Laurea Programme (equivalent to Bachelor of Science) or a Specializing Master/Laurea Magistrale (equivalent to Master of Science) Programme or a PhD Programme. The simultaneous enrolment in two specializing programmes and another study programme requires the student to abandon one of them.

The Board is responsible for the selection.

ART. 5 Formal requirements

The **admission application** must be submitted starting from the day after the date of this Decree and **by July 14, 2022**.

* 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 application form can be found at <http://www.masterpesenti.polimi.it> or by contacting the secretariat of the F.lli Pesenti School - Tel. +39 02.2399.4341/4381 e-mail: franchi@cise-polimi.it

The documentation must be sent to:

Consorzio CISE Politecnico Di Milano

Piazza Leonardo Da Vinci, 32

20133 MILAN (MI)

Telephone: +39.02.2399.4341/4381

Email: franchi@cise-polimi.it - paola.ronca@polimi.it

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 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 obtained through an OTRS ticket.

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

Upon the programme's completion, when the student has passed the final examination, a certificate of attendance of the Specializing Programme "Project Management in Construction Works with BIM" will be issued.

STUDENT OBLIGATIONS

More than 80% attendance for the planned activities is compulsory.

Cancellation from the programme must be made in writing. The training period may not be suspended for any reason.

TESTING METHODS

Final exam.

ART. 7
Tuition fees and contributions

The total cost of the programme is € **950.00** per participant.

Tuition and enrolment fees can be paid to the bank account number: IT89N0306909498100000001001 – Account no. 100000001001 – CIN EUR 89 – CIN IT N – Account Holder: Consorzio CISE – Politecnico di Milano – at Banca INTESA – Viale Romagna 22 – 20133 Milan.

Indicating as the payment reason **ID 2234 CdP PM with BIM**.

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 ABOUT THE PROGRAMME:

Prof. Paola Ronca

Consorzio CIS-E

Piazza Leonardo Da Vinci, 32

20133 MILAN (MI)

Telephone: +39.0223994341/4381

Email: franchi@cise-polimi.it - paola.ronca@polimi.it

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

The Rector
(Prof. Ferruccio Resta)
Signed Ferruccio Resta