HAVING REGARD TO the Statute of the Politecnico di Milano;
HAVING REGARD TO Italian Ministerial Decree No. 509 of 3.11.1999;
HAVING REGARD TO Italian Ministerial Decree No. 270 of 22.10.2004;
HAVING REGARD TO the University Educational Regulations in effect;
HAVING REGARD TO Presidential Decree No. 162 of 10.03.1982 and in particular articles 1 (paragraph 2, letter c) 16 and 17, concerning postgraduate programmes;
HAVING REGARD TO article 6 of Italian Law No 341 of 19.11.1990, “Reform of university education systems and subsequent amendments and integrations”;
HAVING REGARD TO Rectoral Decree No. 2233 of 05.08.2013 “Postgraduate Programmes Regulation”;
HAVING ACKNOWLEDGED the favourable opinion of the Academic Senate during the session of 21.11.2022, concerning the establishment and activation of proposals for Postgraduate Programmes, including the Postgraduate Programme in "PROJECT MANAGEMENT IN CONSTRUCTION WORKS WITH BIM"

HEREBY DECREES

The Postgraduate Programme "PROJECT MANAGEMENT IN CONSTRUCTION WORKS WITH BIM" shall be established and activated for the year 2023

Article 1

Characteristics of the Postgraduate Programme

The postgraduate programme “PROJECT MANAGEMENT IN CONSTRUCTION WORKS WITH BIM” shall be established and activated within the Department of Architecture, Built Environment and Construction Engineering.

The Postgraduate Programme shall be administered by Consorzio CIS-E whereas the School of Architecture Urban Planning Construction Engineering shall be the school of reference.

The Director of the Postgraduate Programme shall be Professor Pietro Giuseppe Crespi.
The Programme Committee shall be composed of:

- Professor PAOLA RONCA - POLITECNICO DI MILANO
- Professor ALBERTO FRANCHI – POLITECNICO DI MILANO
- Ing. GIOVANNI FRANCHI - CONSORZIO CIS-E
- Professor PIETRO GIUSEPPE CRESPI- POLITECNICO DI MILANO
- Professor ANGELO LUCCHINI
- Professor GIANANDREA CIARAMELLA
Article 2
Mission, goals and employment prospects

This specialization course mixes some both the courses of "Project management delle opere strutturali e infrastrutturali" and "BIM Manager". The BIM is an important tool for the correct management of construction sites regardless of the complexity of the work. Knowing the trends of digitalization is important for the quality of the work of Project Manager in the civil construction and infrastructures sector. This course will offer the basics of project management to engineers and architects with a deepening of BIM methodology and software available to the project manager nowadays. The languages are Italian and English.

The job opportunities opened by the skills acquired result in Public and private consultants, Project Managers, Safety Managers.

The programme will be delivered remotely online.

Article 3
Teaching content and organisation

The Specializing Masters will start in **July 2023** and will end in **November 2023**.

The Postgraduate Course will be held by professors of the Polytechnic, external eprofessionals and experts in the sector. All students will have a personal account that will allow access to the online platform. The lessons, in **ASYNCHRONOUS** mode, are videotaped and will remain available to the student until the end of the course. Several lessons and their material could be in English.

<table>
<thead>
<tr>
<th>SSD</th>
<th>Courses</th>
<th>Total Hours</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ING-IND/28</td>
<td>Lean Six Sigma Green Belt Project Leader</td>
<td>164</td>
<td>6,5</td>
</tr>
<tr>
<td>ICAR 10 ICAR 11 ICAR 12</td>
<td>Schedule and computing (4D and 5D)</td>
<td>75</td>
<td>3,0</td>
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<tr>
<td>ICAR 12/ICAR 09</td>
<td>Building management and maintenance (6D and 7D)</td>
<td>47</td>
<td>1,5</td>
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<tr>
<td>ICAR 10 ICAR 11 ICAR 12</td>
<td>BIM Regulations and standards</td>
<td>40</td>
<td>1,5</td>
</tr>
<tr>
<td>ICAR 12 ICAR 9</td>
<td>BIM for industrialization in construction and BIM to Field</td>
<td>32</td>
<td>1,0</td>
</tr>
<tr>
<td>ICAR 11 ICAR 17</td>
<td>Common data environment and other tools for the digital future of the construction field</td>
<td>65</td>
<td>2,5</td>
</tr>
<tr>
<td>Final Exam</td>
<td></td>
<td>5</td>
<td>0,0</td>
</tr>
<tr>
<td><strong>Total activities</strong></td>
<td></td>
<td><strong>428</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

Article 4
Admission requirements

The course is open to candidates with a Bachelor. Foreign candidate’s qualification equivalents will be considered in their respective university systems.

The Commission will be responsible for the selection process.

It is possible to enrol concurrently on a Postgraduate Programme and another Postgraduate Programme or a Laurea (equivalent to Bachelor of Science) programme or a Laurea Specialistica/Magistrale (equivalent to Master of Science) programme or a Ph.D. Programme.

If the student is enrolled concurrently on two Postgraduate Programmes in addition to another study programme, he/she must withdraw from one of the programmes.
Article 5
Formal obligations

The application for admission must be sent by 10 July 2023.

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;
- to academic programme backers; Politecnico Treasurer for services related to tuition fees;
- to 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

The application form can be found on the website http://www.masterpesenti.polimi.it or by contacting the secretary of the Fratelli Pesenti School – Tel. +39 02.2399.4341/4381 email: franchi@cise-polimi.it

The following documentation must be sent to:

Consorzio CIS-E 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

* Italian/foreign citizens who graduated in Italy

- copy of the identity document
- copy of the Diploma Supplement or photocopy of the degree diploma

* Italian/EU citizens with qualification gained abroad

- copy of the identity document
- copy of the academic qualification obtained both in original language and translated
- copy of the certificate (both in original language and translated) 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)

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 closing date of the registration period as indicated 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 2022/23" 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 will have to 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 entrance and residence permit on their online services personal data record.

ART. 6
Qualifications and awards

CERTIFICATION AWARDED
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.

At the end of the Programme, upon completion of the course and after passing the final test, the student will be awarded a Post-graduate certificate in “PROJECT MANAGEMENT IN CONSTRUCTION WORKS WITH BIM”.

STUDENTS’ OBLIGATIONS
Attendance of at least 80% for the activities foreseen by the Postgraduate Programme is compulsory. Withdrawal from the programme must be expressed in writing. The training period cannot be suspended for any reason.

EXAMINATION PROCESS
There shall be a final exam.
Article 7
Tuition fees and contributions

The total cost of course is **€950.00** per participant.

The registration fee and cost of attendance must be paid to the current account with IBAN: IT89N0306909498100000001001 – Current Account 100000001001 – CIN EUR 89 – CIN IT N – Account Holder Consorzio CISE Politecnico di Milano – at Banca INTESA – Viale Romagna 22 - 20133 Milan.

Indicating the reference **ID 2495 CdP PROJECT MANAGEMENT IN CONSTRUCTION WORKS WITH BIM**.

Article 8
Processing of personal data

The university, in accordance with EU Regulation No 2016/679 concerning the protection of personal data, uses the processing of personal data solely for purposes related to admission, enrolment and management of the postgraduate programme and in any case consents to the disclosure of personal information to third parties and in particular:

- to public and private bodies interested in possible recruitment;
- to training course providers; to the Politecnico Treasury Bank for services relating to tuition fees;
- to bodies managing loans on trust, accommodation, flexible work contracts and cultural, recreational and/or sporting activities.
- I also authorise the use of the data for statistical purposes, in accordance with the procedures and authorisations provided for in the aforementioned legislation.

The complete notice on data processing and the rights of the data subject is available at [https://www.polimi.it/en/policy/privacy/](https://www.polimi.it/en/policy/privacy/)

Article 9
Publication

This Decree shall be made public on the Politecnico di Milano’s website at the following address [https://www.polimi.it/en/programmes/specializing-masters-and-postgraduate-programmes/](https://www.polimi.it/en/programmes/specializing-masters-and-postgraduate-programmes/)

FOR FURTHER INFORMATION ON THE PROGRAMME:

**Professor 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
(Professor Ferruccio Resta)
Signed Ferruccio Resta

*Document signed digitally, in accordance with current legislation.*