

## The Rector



HAVING REGARD TO the Statute of the Politecnico di Milano;  
HAVING REGARD TO M.D. no.509 of 3.11.1999;  
HAVING REGARD TO M.D. no. 270 of 22.10.2004;  
HAVING REGARD TO the University's General Regulations;  
HAVING REGARD TO the Politecnico di Milano Master regulations, issued with R.D. no. 2235 of 05.08.2013;  
HAVING OBTAINED the favorable opinion of the Academic Senate at its meeting of 21.11.2022, regarding the establishment and activation of Master proposals, including the 2<sup>nd</sup> level Specializing Master in "CONTRACT, CLAIM, AND DELAY MANAGEMENT IN CONSTRUCTION WORKS";

### HEREBY DECREES

The 2<sup>nd</sup> level Specializing Master in "CONTRACT, CLAIM, AND DELAY MANAGEMENT IN CONSTRUCTION WORKS" has been established and activated for the year 2023/2024.

#### **ART. 1**

##### **Features of the Master course**

The 2<sup>nd</sup> level Specializing Master in "CONTRACT, CLAIM, AND DELAY MANAGEMENT IN CONSTRUCTION WORKS S" has been established and activated at the Department of Architecture, Built Environment and Construction Engineering

The administrative office of the Master is located at the Politecnico di Milano - CISE Consortium. The School of reference is the School of Architecture, Urban Planning and Construction Engineering.

The Master Director is Professor Gianandrea Ciaramella. The Deputy Director is professor Pietro Giuseppe Crespi.

The Master Commission is made up of professors of the Politecnico di Milano: Gianandrea Ciaramella, Pietro Giuseppe Crespi, Davide Manca, Giancarlo Paganin; and by Dr Marco Padovan from Studio legale Padovan, by Engineer Pierino Guana from ANIMP Servizi and by Engineer Giovanni Franchi from Consorzio CIS-E.

#### **ART. 2**

##### **Training objective and employment opportunities**

The need for technicians (engineers and/or architects) who become skilled in managing contracts and claims, and who can perform a delay analysis in accordance with established international standards is ever more urgent among the most important general contractors in Italy and abroad. Our globalized world requires that professionals involved in managing claims, construction contracts and disputes could master complex technical issues and at the same time be conversant with all the legal aspects involved. It is crucial for the professionals who have a technical background to become acquainted with the "rules of the game" on the international arena. Therefore, they should get to know the basic principles of Civil and Common Law as well as of International Arbitration together with the most common standards for international contracts (FIDIC, JCT, NEC, AAA) and

the many complex technical and legal issues standing behind delay analysis and construction claim management. They should get to know how to deal effectively with the most important stakeholders in any international construction project: international owners both private (developers, foundations, real-estate funds, etc.) and public (governments, public authorities, etc.), engineering firms, general contractors and suppliers, banks, investment funds and sovereign funds. During this specializing Master our alumni will get to know the basics of forensic engineering in international projects: from claim to dispute, dispute boards, arbitration, with a specific focus on the ICC arbitration rules but also on the Milan Arbitration Chamber rules and practices.

At the end of this Master the students will be qualified to work for: Developers, Foundations, Real Estate Funds, Governments, Public Authorities, Engineering firms, General Contractors and suppliers, Banks, Investment Funds and Sovereign Funds.

**The Master will be delivered in English.**

**Students have the possibility to attend the course in on line mode.**

### **ART. 3 Teaching content and organization**

The Specializing Master will begin in **October 2023** and will end in **October 2024**.

The Master will offer the opportunity of a stage (550 working hours) in some renowned firm: many large general contractors, engineering firms, and producers have already confirmed to us to be extremely interested in employing technicians equipped with the set of skills the Master will provide.

<b>ATTIVITA' DIDATTICHE</b>			
<b>SSD</b>	<b>Course Title</b>	<b>Total hours</b>	<b>ECTS</b>
ICAR 12	Introduction to the Project LCA (Life Cycle Analysis): plan, phases, and roles	50	2,0
IUS 10	Introduction to the fundamentals of Civil Law	50	2,0
IUS 10	Introduction to the fundamentals of Common Law	50	2,0
IUS 10	Construction Contract Civil Law	50	2,0
ICAR 11	Contracts by international standards (FIDIC, JCT, NEC, AAA)	25	1,0
ICAR 11	Types of projects and works	25	1,0
ICAR 12	The main stakeholders: private owners (developers, foundations, real-estate funds, etc.), public owners governments, public authorities, etc.), engineering firms, general contractors and suppliers, banks, investment funds and sovereign funds	50	2,0
ICAR 12	Introduction to Contract Management for FIDIC contracts (Red, Pink, Yellow, and Silver)	75	3,0
ICAR 12 - ING IND/26	Introduction to Claim Management for FIDIC contracts (Red, Pink, Yellow, and Silver)	75	3,0
ICAR 12	Introduction to Delay Analysis	75	3,0
ICAR 12	Determination of the quantum	25	1,0
ICAR 22	Forensic Engineering: from claim to dispute, dispute boards, arbitration	75	3,0
ICAR 22	Arbitration details (administrated / ad hoc, focus on ICC arbitration rules)	50	2,0
ICAR 12	Case studies	75	3,0
ICAR 12 ICAR 09	Legal BIM	25	1,0
<b>Total Academic activities</b>		<b>775</b>	<b>31</b>

<b>OTHER ACTIVITIES</b>		
On-the-job training (internship)	550	20
Project Work	30	1
Dissertation writing, discussion and final exam	300	10
<b>Total other activities</b>	<b>880</b>	<b>31</b>

#### ART. 4 Admission requirements

Candidates with a Master of Science in Engineering, Architecture and similar scientific disciplines could be eligible. For those candidates who graduated abroad equivalent study titles in their countries and educational institutions will be accepted and evaluated.

The selection is made by the Commission.

#### ART. 5 Prerequisites

The **admission application** must be presented in one day from the day after the date of this Decree and **within October 4, 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](http://www.polimi.it/privacy)

The documentation is available electronically at <http://www.masterpesenti.polimi.it> or by contacting the secretary of Scuola F.lli Pesenti – Tel. +39 02.2399.4341/4381 e-mail: [franchi@cise-polimi.it](mailto:franchi@cise-polimi.it)

The documents must be sent to:

#### **CONSORZIO CIS-E POLITECNICO DI MILANO**

Piazza Leonardo da Vinci 32

20133 MILANO (MI)

Phone: +39 02.2399.4341/4381

email: [franchi@cise-polimi.it](mailto:franchi@cise-polimi.it) ; [paola.ronca@polimi.it](mailto: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](http://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**

#### **Certifications and awards**

### **CERTIFICATION ISSUED**

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 the 2<sup>nd</sup> level Specializing Master "Contract, Claim, and Delay Management in Construction Works". The certification will be issued in English.

## **STUDENT OBLIGATIONS**

Attendance is compulsory for at least 75% of the course activities.

Withdrawal from the course must be submitted in writing. The training period cannot be suspended for any reason.

## **ASSESSMENT PROCEDURE**

The assessment procedure involves intermediary evaluation tests. The final examination will consist in discussing a master thesis developed during the internship period.

### **ART. 7**

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

The total cost of the course is equal to **€ 6,500.00**.

The cost is divided into:

- Contribution for enrolment in the Politecnico di Milano - **€ 500.00** per student
- Master tuition fees - **€ 6,000.00** per student

The amount € 6.500,00 can be divided into installments:

- I installment **€ 3,500.00** within 11/10/2023;
- II installment **€ 3,000,00** within 28/02/2024.

The total cost of the course is **€ 3,500.00 for those students who will attend the course on-line.**

The cost is divided into:

- Enrolment tax to the Politecnico di Milano **€ 500.00** per student;
- Master enrolment fee, equal to **€ 3,000.00** per student.

The amount € 3.500,00 can be divided into installments:

- I installment **€ 2,000.00** within 11/10/2023;
- II installment **€ 1,500.00** within 28/02/2024.

**The contribution for enrolment in the Politecnico di Milano will not be returned under any circumstances.**

Enrolment tax and fee are payable to account no.: IT89N0306909498100000001001 – In the name of CONSORZIO CIS-E – POLITECNICO DI MILANO – at BANCA INTESA – Viale Romagna, 22 – 20133 Milano (MI)

**Specifying the ID 2485 MU2 Contract Claim as the reason for the bank transfer.**

### **ART 8**

#### **Data Treatment**

The University, pursuant to EU Regulation n. 2016/679 regarding the protection of personal data, uses the personal data processing for the sole purposes related to the admission, enrolment and management of the master, and in any case, I allow to disclose personal information to third parties and in particular:

- to public and private Bodies for possible recruitments;
- to training programme providers; to the Bank Treasurer of Politecnico for services connected to taxes;
- to bodies managing honor loans, accommodation, flexible employment contracts, cultural, recreational and/or sport activities.
- It also authorizes the use of data for statistical purposes in compliance with the procedures and authorizations required by the aforementioned legislation.

The whole information on data processing and rights of the interested party is available on the web site [www.polimi.it/privacy](http://www.polimi.it/privacy)

**ART 9**  
**Advertisement**

This Decree is published on the Politecnico di Milano website at the page <https://www.polimi.it/corsi/master-universitari-e-corsi-post-laurea/>

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

**Prof.ssa Paola Ronca**

Scuola Master F.lli Pesenti - Politecnico di Milano – Dip. ABC

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20133 Milano (MI)

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

The Rector  
(Prof. Ferruccio Resta)