



Decree Index n° 2239 Prot. n° 46235
Date 16/03/2020
Title III Class V
UOR SEMFC

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 17.01.2020, regarding the establishment and activation of Master proposals, including the 2nd level Specializing Master in "CONTRACT, CLAIM, AND DELAY MANAGEMENT IN CONSTRUCTION WORKS";

HEREBY DECREES

The 2nd level Specializing Master in "CONTRACT, CLAIM AND DELAY MANAGEMENT IN CONSTRUCTION WORKS" has been established and activated for the years 2020/2021.

ART. 1

Features of the Master course

The 2nd level Specializing Master in "CONTRACT, CLAIM, AND DELAY MANAGEMENT IN CONSTRUCTION WORKS" 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 (Studio legale Padovan), and Dr Pierino Guana (ANIMP Servizi), engineer.

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 Master's Degree course will begin in **October 2020** and will end in **October 2021**.

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.

| SSD | COURSE TITLE | Lectures (hours) | Individual study (hours) | Total hours | CFU |
|------------|--|-------------------------|---------------------------------|--------------------|------------|
| ICAR 12 | Introduction to the Project LCA (Life Cycle Analysis): plan, phases, and roles | 20 | 30 | 50 | 2 |
| IUS 10 | Introduction to the fundamentals of Civil Law | 20 | 30 | 50 | 2 |
| IUS 10 | Introduction to the fundamentals of Common Law | 20 | 30 | 50 | 2 |
| IUS 10 | Construction Contract Civil Law | 20 | 30 | 50 | 2 |
| ICAR 11 | Contracts by international standards (FIDIC, JCT, NEC, AAA) | 10 | 15 | 25 | 1 |
| ICAR 11 | Types of projects and works | 10 | 15 | 25 | 1 |
| 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 | 20 | 30 | 50 | 2 |

| | | | | | |
|---|---|------------|------------|-------------|-----------|
| ICAR 12 | Introduction to Contract Management for FIDIC contracts (Red, Pink, Yellow, and Silver) | 30 | 45 | 75 | 3 |
| ICAR 12 - ING IND/26 | Introduction to Claim Management for FIDIC contracts (Red, Pink, Yellow, and Silver) | 30 | 45 | 75 | 3 |
| ICAR 12 | Introduction to Delay Analysis | 30 | 45 | 75 | 3 |
| ICAR 12 | Determination of the quantum | 10 | 15 | 25 | 1 |
| ICAR 22 | Forensic Engineering: from claim to dispute, dispute boards, arbitration | 30 | 45 | 75 | 3 |
| ICAR 22 | Arbitration details (administrated / ad hoc, focus on ICC arbitration rules) | 20 | 30 | 50 | 2 |
| ICAR 12 | Case studies | 30 | 45 | 75 | 3 |
| Total Academic Activities | | 300 | 450 | 750 | 30 |
| OTHER ACTIVITIES | | | | | |
| On-the-job training (internship) | | | | 550 | 20 |
| Project Work | | | | 30 | 1 |
| Dissertation writing, discussion and final exam | | | | 300 | 10 |
| Total Other activities | | | | 880 | 31 |
| TOTAL | | | | 1630 | 61 |

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.

A selection process among all applicants will be conducted by the Scientific Council. With those applicants that meet all the necessary requirements a long-distance interview (by phone) will be scheduled and made.. The number of students admitted is **40**.

ART. 5 Prerequisites

The **application** may be submitted from the day following the date of this Decree to the 19/09/2020.

* Italian/foreign citizens with Degree obtained in Italy

- A copy of the student's identity document
- Copy of the Diploma Supplement or copy of the Diploma and Academic qualifications, indicating the marks obtained in each examination, for the students with a University Degree obtained under the old educational system.
- Curriculum Vitae

* Italian/EU citizens with foreign Degree

- Photocopy of the academic certificate plus to certificate detailing the marks obtained for each examination, or the Diploma Supplement (**upon enrolment, the Declaration of Value from the local Italian Diplomatic authorities must be submitted, or an Official document issued by ENIC/NARIC centers**).
- A copy of the student's identity document.
- Curriculum Vitae

The admission application must show the declaration. "I authorize this University, pursuant to EU Regulation n. 2016/679 regarding the protection of personal data, 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

The documentation must be sent to:

CIS- E - p.zza Leonardo da Vinci, 32

20133 MILANO (MI)

Telefono: +39 02.2399.4341/4381

Email: paola.ronca@polimi.it and marco.zucca@polimi.it

Pursuant to article 75 of Presidential Decree 445/2000, if the Administration finds, on the basis of appropriate checks, that non-truthful statements have been made by the applicant, this shall forfeit any benefits obtained on the basis of the false declarations made.

* Non-EU citizens residing abroad

Non-EU citizens residing abroad must submit to the Managing office of the Specializing Master the following documents:

- a Scan **copy of the original University Degree** achieved and related translation in Italian/English/French or Spanish
- a **scan copy of the official University transcripts** and related translation in Italian/English/French or Spanish or the **Diploma Supplement**
- **Copy of the passport**, demonstrating citizenship
- Curriculum Vitae

At least 30 days before the application deadline, as mentioned in the present article.

The Institution sends all the documents listed above for the evaluation of the qualifications, for the purposes of participation in the Specializing Master, to Politecnico di Milano, **Master and Continuing Education, within the deadline of this call**, according to the provisions of the MIUR/MAE note "Procedures for access, stay and registration of visa applicant students for higher education programmes in Italy for the academic year 2019/2020"

Master and Continuing Education office communicates the acceptance of the student and the outcome of the access tests, where required, to the competent Representations, for completion of the documentation related to the qualification, required for the issue of the Entry Visa.

After confirmation of acceptance by the University, the candidates submit their qualification to the Diplomatic Representation, for the required consular acts.

ENROLMENT:

Students admitted to the Master must submit to the Institution that provide the course the application for enrolment on the specific dedicated form, with stamp duty, it can be downloaded from the University website at the page <https://www.polimi.it/corsi/documentazione/> with copy of an identity document (passport in case of non-EU citizens). The achievement of the academic qualification in Italy can be self-certified by filling out dedicated box on the enrolment application, while the qualification obtained abroad must be documented by presenting an **on-site value declaration** issued by the Italian Representation abroad competent for the territory (Italian Embassy or Italian Consulate) on letterhead with its original stamp; **or certification issued by the Enic/Naric Centres.**

Non-EU citizens, in addition to documents mentioned above **must submit a copy of the residence permit.**

ART. 6

Certifications and awards

CERTIFICATION ISSUED

After completing the course and on passing the final exam, the 2nd level "Contract, Claim, and Delay Management in Construction Works" 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. It is not possible to simultaneously enroll for another Master or study course offered by an Italian university.

ASSESSMENT PROCEDURE

The assessment procedure involves course tests and a final exam. The final exam will consist in submitting and defending a report prepared during the Master course.

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 25/09/2020
- II installment **€ 3.000,00** within 13/02/2021

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 25/09/2020;
- II installment **€ 1.500,00** within 13/02/2021.

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 2nd level Specializing Master in Contract, Claim and Delay Management in Construction Works 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

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
P.zza Leonardo da Vinci, 32
20133 Milano (MI)
Tel: +39 0223994381
Email: marco.zucca@polimi.it; paola.ronca@polimi.it
<http://www.masterpesenti.polimi.it>

Milan, 16/03/2020

The Rector
(Prof. Ferruccio Resta)
Signed Ferruccio Resta

Digitally signed, according to the law.