



Decree Rep. n° 1656 Prot. n° 23707
Date 07.03.2018
Title III Class V
UOR SOFPL

SEEN the Statute of the Politecnico di Milano;
SEEN D.M. 11.3.1999, n.509;
SEEN D.M. 10.22.2004, n. 270;
SEEN the University didactic regulations;
SEEN the Specializing Master regulations of the Politecnico di Milano, issued with D.R. n. 2235 dated 05.08.2013;
ACQUIRED the favorable opinion of the academic Senate in the session of 19.02.2018, regarding the institution and activation of Specializing Master proposals, among which the “INTERNATIONAL CONSTRUCTION MANAGEMENT” level I Specializing Master.

DECREES

The “INTERNATIONAL CONSTRUCTION MANAGEMENT” level I Specializing Master has been established and activated for 2018-2019.

ART. 1

Characteristics of the Master

The “INTERNATIONAL CONSTRUCTION MANAGEMENT” level I Specializing Master has been established and activated within 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 Director of the Specializing Master is Professor Pietro Crespi. The relevant School is the School of Architecture, Urban Planning and Construction Engineering.

The Master's Committee is composed by the following professors of the Politecnico di Milano: Pietro Giuseppe Crespi, Angelo Lucchini, Gianandrea Ciaramella.

ART. 2

Training objective and job opportunities

The Specializing Master is an initiative developed, promoted and sponsored by Salini Impregilo, which identified the Politecnico di Milano as its preferred academic partner, in order to train professionals to develop specific competencies in key engineering and management processes for large-scale international projects, a segment in which Salini Impregilo has a leadership position at a global level.

Salini Impregilo is an industrial group that specialises in the execution of complex construction projects and has a strong international presence. It is headquartered in Italy and listed on the Milan Stock Exchange.

Operating in over 50 countries with 35,000 employees, an annual turnover of approx. €6.1 billion and an order book of €37 billion as at the end of 2016, the Group is a global player in the construction sector and the world leader in the water infrastructure segment. Dams and hydroelectric plants, hydraulic works, railways and metro systems, airports and motorways, civil and industrial buildings are the sectors in which the Group has been operating for more than 110 years.

Through the Specializing Master, the partnership with the Politecnico di Milano and its in-house Learning Academy, Salini Impregilo aims at sharing its expertise in terms of human resources and sector-specific technical/managerial know-how to provide professional training and work placement opportunities for talented young graduates from Italy and abroad.

For instance, at the end of the Master's, the students will be qualified to apply for the following roles, among others: **Junior Technical Office Engineer, Junior Site Engineer, Junior Cost Controller, Junior Planner, Junior Buyer, Junior Hse Engineer, Junior Plant & Equipment Engineer.**

In line with its talent acquisition policy, Salini Impregilo reserves the right to offer a role to the students who successfully complete the Specializing Master.

ART. 3 **Teaching contents and structure**

The Specializing Master will start in **September 2018** and end in **September 2019**.

The Master's Programme is taught in English and content and academic activities will be delivered in two main stages: the first stage (approx. 3 months) consists of class-based teaching delivered by Salini Impregilo's Professionals and Managers and Professors of the Politecnico di Milano. Classroom teaching will be delivered using various methods: lectures, e-learning, workshops, business cases, testimonials, project work, exercises and site visits.

The second stage (6 months) will be dedicated to on-the-job training through a 6-month internship at the Group, either in Italy or abroad, which will be carried out under the guidance of a company tutor and will act as the basis for the Master's dissertation. The final 3 months will be dedicated to writing up the dissertation to be submitted to the Committee and the subsequent achievement of gaining the diploma/certificate.

All students will have access to learning materials and video-recorded lectures that will be uploaded onto an online platform, where they may be viewed until graduation.

International Construction Management A.Y. 2018-2019			
ACADEMIC ACTIVITIES			
	SSD	Course titles	CFU
PART 1: PROJECT MANAGEMENT FUNDAMENTALS	ING.IND/35	Project Management Fundamental Principles	1.5
		Soft skills laboratories	1.5
	ING.IND/35	Management engineering introductory course (e-learning)	6.0
	ICAR 14/ ING.INF/05	Digital Innovation in Construction	2.0
	ICAR 04/ ING.IND/35	Introduction to Project Management: Delivery Methods	0.5
	ING.IND/35	Financial Report Analysis and Industrial Accounting Principles	2.0
	ICAR/11 ING.IND/35	Contracts and Legal Aspects	2.0
	ING.IND/35	HR Management and Organisation principles	1.5

	ING.IND/35	Innovation in Corporate Communications as a Business Development Lever	0.5
PART 2: FROM BID TO PROJECT EXECUTION	ING.IND/35	International Tender Management	1.0
	ING.IND/35	Risk Management	0.5
	ICAR/09	Project Execution	1.5
	ICAR 12/ ING.INF/05	Planning Basics and description of the most commonly used Methods (Project, Tilos, Primavera)	1.5
	ING.IND/35	Cost Control	1.5
	ICAR/11	Worksite Plant and Equipment	0.5
	ICAR 04/ ING.IND/35	Temporary Works to be paid for by the General Contractor: the most common issues	0.5
	ING.IND/28	Outdoor Rock Excavation	1.0
	ICAR/11 ING.IND/35	Tunnelling Works	1.0
	ICAR/11	Concrete Works and Earth Movement	1.0
	ING.IND/09	Environment, Quality and Safety	2.5
	ING.IND/35	Procurement	1.0
	ING-IND/35	Insurances	0.5
		TOTAL academic activities	
	OTHER ACTIVITIES		
	PM testimonials on Business Cases		0.5
	Project Works		0.5
	Site visits		0.5
	Health & Safety Workshops		0.5
	Italian for foreign students workshop		1.0
	Workers' Health and Safety General and Specific Training High Risk sector		0.5
	Internship		28.0
	Dissertation writing, discussion and final exam		1.0
	TOTAL other activities		32.5
	TOTAL		64.0

ART. 4

Admission requirements

The Specializing Master is open to candidates with the following requirements:

- University Degree or Master of Science Degree in Civil Engineering, Mechanical Engineering, Environmental Engineering, Building Systems Engineering, Building and Architecture Engineering, Building Engineering, Management Engineering and similar science degrees;
- Final Grade: not lower than 100/110.
- Professional experience that does not exceed 24 months as at 28/02/2018.
- The last academic title must have been achieved not more than 2 years ago, as at 28/02/2018.
- English knowledge must be demonstrated by means of one of the following certifications with relevant minimum score: TOEIC: minimum score 605; - TOEFL: minimum score: IBT 65, CBT 183, PBT 513; IELTS: minimum score: 6; - Cambridge English: FCE.

For foreign graduates or candidates who graduated abroad, equivalent degrees in the aforementioned specialisation areas, achieved with excellent grades, shall be considered.

The number of students admitted is **15**.

The admission and selection process is structured as follows:

STAGE 1: PRE- ADMISSION - The Master's Committee of the Politecnico di Milano, after receiving the application, shall assess the eligibility of each candidate with respect to the requirements above.

STAGE 2: SELECTION - The profiles of candidates that comply with the requirements detailed in the pre-admission notice will be evaluated by the Salini Impregilo HR Team, in cooperation with the Master's Committee, through by a different selection process (attitudinal and linguistic tests, individual interviews, assessment centres). The purpose of this selection is to assess the attitudinal and motivational characteristics compared to the business sector of the course.

At the end of the process the Committee will prepare a final ranking on the basis of the scores achieved, which will determine the list of the students selected for admission.

Salini Impregilo, in agreement with the Master's Committee, has the possibility of providing full or partial grants to the most deserving students to support their training. These grants will be announced at the end of the admission process.

ART. 5
Formal requirements

The **Master application** must be submitted starting from the day following the date of this Decree and by **the 1st of June 2018**;

*** Italian/foreign citizens with Degree obtained in Italy**

- Self-certification relating to personal identity (name and surname, date and place of birth, nationality and residence).
- 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
- English Language Certificates (TOEIC - TOEFL - IELTS – CAMBRIDGE)

*** Italian/EU citizens with foreign Degree**

- Self-certification relating to personal identity (name and surname, date and place of birth, nationality and residence)
- A copy of the student's identity document.
- Photocopy of the academic certificate plus 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**).
- Curriculum Vitae (detailing the candidate's professional experience).
- English Language Certificates (TOEIC - TOEFL - IELTS – CAMBRIDGE)

The application form must contain the following statement: "I authorize the processing of my personal data by the Politecnico di Milano, pursuant to Italian Law Decree. N. 196 of 30.6.2003".

The admission form can be retrieved from www.cise.polimi.it or by contacting the secretariat of the Consorzio CISE -Tel. +39 02.2399.4252 – e-mail consorziocise@pec.it.

Candidates must:

1. Send their application by e-mail to the Politecnico di Milano: consorziocise@pec.it
2. Register their application online, on <http://www.salini-impregilo.com/en/careers> following the instructions for application for the Master's Degree in International Construction Management 2018-2019

Only applications made by candidates who have correctly followed the abovementioned instructions will be taken into account.

In compliance with art. 75 of D.P.R. 445/2000, if the Administration finds, based on proper verifications, that the statements released by the candidate are not truthful, the declarant loses any benefit resulting from the actions undertaken on the basis of the untruthful declaration.

* **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
- English Language Certificates (TOEIC – TOEFL – IELTS – CAMBRIDGE)

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

The Managing Office will send all the above documents to the Politecnico di Milano, in order to be admitted to the Specializing Master, to the **Servizio Offerta Formativa Post Laurea Master e Corsi di perfezionamento, by the closing date of this selection call**, and according to what has been set in the MIUR/MAE note, “*Norme per l'accesso degli studenti stranieri ai corsi universitari anno accademico 2017-2018*” (Rules concerning the access of foreign students to university courses for the 2017-2018 academic year”

Upon receiving applications for admission tests from the above-mentioned students, the “Servizio Offerta Formativa Post Laurea” will verify their actual participation and, if the candidates pass the above-mentioned admission procedure, will communicate the outcome to the relevant Italian Diplomatic authorities, in order to prepare the documentation for enrolment in the Specializing Master, and issue relevant visa.

Once admitted, candidates must submit their study title to the Italian Diplomatic authorities to complete the required procedure.

ENROLMENT:

Students admitted to the Master course must submit, to the Managing office of the Specializing Master, an application for enrolment, using the specific form provided, complete with a revenue stamp. The application form may be found on the following website [www.polimi.it/post laurea > Documentazione](http://www.polimi.it/post_laurea) with a copy of their identity document (a passport for non-EU citizens). Academic degrees obtained in Italy can be self-certified by completing the appropriate space provided in the enrolment request. Academic degrees that have been obtained abroad, must be documented by presenting a **Declaration of Value** issued by the local Italian diplomatic authorities (Italian Embassy or Italian Consulate) on letterhead paper complete with original stamp; or an **Official document issued by Enic/ Naric centers**.

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

ART. 6
Academic qualification and recognition

CERTIFICATION ISSUED

At the end of the course, after passing the final exam, the "INTERNATIONAL CONSTRUCTION MANAGEMENT" I level Specializing Master diploma will be issued in English.

Students, to be admitted to the final exam, must file, 30 days prior the exam date – an application on legal paper, to the Politecnico di Milano. The application form can be downloaded from [www.polimi.it/post laurea](http://www.polimi.it/post_laurea) > [Documentazione](#).

STUDENTS' OBLIGATIONS

Attendance to the Master's activities is compulsory for at least 75% of the course. Withdrawal from the course must be notified in writing. The training period may not be suspended for any reason. Concurrent enrolment in a Specializing Master and another course of studies in an Italian university is not admitted.

ASSESSMENT METHOD

Tests and a final exam are envisaged. The final exam consists in a viva of the project/dissertation developed during the work experience, to assess the student's critical skills.

ART. 7
Taxes and fees

The total cost of the course is €10,500.00.
The cost of the course is divided into:

- Enrolment tax to the Politecnico di Milano €500.00 per student;
- Master enrolment fee, equal to €10,000.00 per student

The amount €10.500,00 can be divided into installments:

- I installment €6.500,00 by 31/08/2018
- II installment €4.000,00 by 21/12/2018

The enrolment tax to the Politecnico di Milano is not refundable 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, 20 – 20133 Milan (MI)

Stating “Master INTERNATIONAL CONSTRUCTION MANAGEMENT” as reason for payment

SHOULD YOU REQUIRE FURTHER CLARIFICATIONS OR INFORMATION, PLEASE CONTACT:

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Tel: +39 02-2399. 4341
Email: consorziocise@pec.it

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

Milan, 07.03.2018

The Chancellor
(Prof. Ferruccio Resta)
Signed Ferruccio Resta