

High Performance Computing Engineering

Admission procedures to the Master of Science programme applicable from the academic year 2028/2029

The admission model for the Master of Science programme, applicable from the academic year 2028/2029, is structured into three quotas:

- Students who obtain their first-level degree from Politecnico di Milano;
- Students who obtain their first-level degree from other Italian universities;
- Students with a foreign qualification.

The admission procedures are described in the following sections.

1. Admission procedures for applicants with a First-Level Degree from Politecnico di Milano

For applicants enrolled in a first-level programme at Politecnico di Milano or holding a first-level degree from Politecnico di Milano, two admission procedures are available:

- **Automatic admission**, reserved for applicants who meet the requirements described in section 1.1;
- **Admission subject to eligibility assessment**, reserved for applicants who meet the requirements described in section 1.2.

1.1 Automatic admission

Access to the Master of Science programme through automatic admission is reserved for applicants who meet the following requirements:

Academic record requirements:

- Having enrolled in the first year of a first-level programme in the academic year 2025/2026 and being a regular third-year student in the academic year 2027/2028;
- Having earned at least 135 effective ECTS credits after the fifth semester from the start of the university career, calculated from the year of first enrolment, with a weighted average equal to or higher than 23/30.

Subject-area requirements:

- Meeting the subject-area requirements set out in the table below, defined in relation to the Degree Class (Classe di Laurea), the previous degree programme and specific characteristics of the study plan; these requirements must be maintained until completion of the degree programme:

Degree Class (Classe di Laurea)	Study Course (Corso di Studi)	Tracks (PSPA) / SSD(*) / Subjects
L8 – Ingegneria dell'Informazione	Ingegneria Informatica	Courses included in the Study Plan / completed: • 054221 Fondamenti di calcolo numerico • 083220 Fondamenti di ricerca operativa
L8 – Ingegneria dell'Informazione / L9 – Ingegneria Industriale	Ingegneria Matematica	Courses included in the Study Plan / completed: • 056974 Algoritmi e architetture per il calcolo ad alte prestazioni

(*) SSD = Scientific-Disciplinary Sector, it refers to an official classification used in the Italian higher education system to group academic subjects and teaching activities within a specific disciplinary area.

For applicants enrolled in degree programmes that are not listed in the table above, automatic admission is not available.

For some applicants, specific obligations or restrictions may apply to curriculum choices.

1.2 Admission subject to eligibility assessment

Each applicant may submit up to three applications for admission subject to eligibility assessment to Master of Science programmes offered by different Schools and Campuses. Application to the Master of Science in High Performance Computing Engineering is subject to fulfilment of the following requirements:

Academic record requirements:

- Holding a first-level degree from Politecnico di Milano or having earned at least 120 effective ECTS credits by the application deadlines;

Subject-area requirements:

- Meeting the subject-area requirements set out in the table below, defined in relation to the Degree Class (Classe di Laurea):

Degree Class (Classe di Laurea)
L7 – Ingegneria Civile e Ambientale
L8 – Ingegneria dell'Informazione
L9 – Ingegneria Industriale

Applicants who meet the academic record requirements and the subject-area requirements are assessed by the appointed Committee, which will express its opinion on their eligibility and admissibility. The assessment is based on the applicants' previous academic background and on the adequacy of their personal preparation.

For some applicants, specific obligations or restrictions may apply to curriculum choices.

2. Admission procedures for applicants holding a First-Level Degree from Italian universities other than Politecnico di Milano

For applicants enrolled in a First-level programme at an Italian university, or holding a first-level degree from institutions awarding an Italian qualification, other than Politecnico di Milano, the application to the Master of Science programme is subject to the following requirements:

Academic record requirements:

- Holding a first-level degree from institutions awarding an Italian qualification, other than Politecnico di Milano, or having earned at least 120 effective ECTS credits by the application deadlines;

Subject-area requirements:

- Meeting the subject-area requirements set out in the table below, defined in relation to the Degree Class (Classe di Laurea):

Degree Class (Classe di Laurea)
L8 – Ingegneria dell'Informazione
L9 – Ingegneria Industriale
L31 – Scienze e Tecnologie Informatiche
L30 – Scienze e Tecnologie Fisiche
L35 – Scienze Matematiche
L41 – Statistica
L7 – Ingegneria Civile e Ambientale

Applicants who meet the academic record requirements and the subject-area requirements are assessed by the appointed Committee, which will express its opinion on their eligibility and admissibility. The assessment is based on the applicants' previous academic background and on the adequacy of their personal preparation.

For some applicants, specific obligations or restrictions may apply to curriculum choices.

3. Admission procedures for applicants holding a foreign qualification comparable to an Italian first-level degree

For applicants holding a foreign academic qualification comparable to an Italian first-level degree, application to the Master of Science programme is subject to fulfilment of the following requirements.

Academic record requirements:

- Holding a first-level degree or another equivalent qualification;

Applicants who meet the academic record requirements are assessed by the appointed Committee, which will express its opinion on their eligibility, admissibility, and any additional educational requirements or curriculum restrictions. The assessment is based on the applicants' overall academic background and on the adequacy of their personal preparation.