

# ACADEMIC, CURRICULAR AND LANGUAGE REQUIREMENTS FOR MASTER'S DEGREE PROGRAMME

## Academic and Curricular requirements

- A bachelor's or higher degree awarded abroad. Undergraduates candidates are also accepted providing that they will obtain their bachelor's degree before 31 July 2026.
- An adequate knowledge in basic subjects as mathematical and numerical analysis, linear algebra and geometry, probability and statistics, physics, chemistry.
- An adequate knowledge in the subjects specific of the degree course as informatics, control and systems theory, electronics, information processing.
- The ability to use methodological and operational aspects of mathematics and other basic sciences to describe engineering problems.

Successful applicants come primarily from an academic background in the following Engineering fields: Automation, Electronics, Computer Science, Telecommunication, Electrical, Mechanical and Industrial. The level of the basic and subject specific knowledge will be evaluated by the student transcript in terms of ECTS (or hours) acquired and course marks. The methodological abilities will be evaluated by the course projects carried out during the student career or equivalent experiences.

## AUTOMATION ENGINEERING AND CONTROL OF COMPLEX SYSTEMS (ITALIAN CODE LM-25)

### English proficiency requirements

Candidates who wish to register in the master's programme need to have good English language skills, both written and spoken. A B2 level or higher of the Common European Framework of Reference (CEFR) for languages is required, attested by one of the following certifications:

- IELTS: overall score greater than, or equal to, 5.5;
- TOEFL: minimum total score 72;
- Cambridge: First Certificate in English (FCE) or higher.

### Exemption from the International English Certificate

- Native English-speaking students (self-declaration needs to be presented);
- Students with declaration from the University where the bachelor's or master's degree was achieved stating that English was the official language of the course.



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**CHEMICAL ENGINEERING  
FOR INDUSTRIAL  
SUSTAINABILITY (ITALIAN  
CODE LM-22R)**

**Academic and Curricular  
requirements**

- A bachelor's or higher degree awarded abroad.  
Undergraduates candidates are also accepted providing that they will obtain their bachelor's degree before 31 July 2026;
- Successful applicants come primarily from an academic background in:
  - chemical engineering;
  - petroleum engineering;
  - chemistry;
  - industrial chemistry;
  - industrial engineering;
  - mechanical engineering;
  - civil engineering;
  - environmental engineering;
  - materials engineering.

Candidates may also be seconded from international organisations and national foreign services, provided they hold a university degree and have relevant professional experience compatible with the academic background required to enrol in the Degree Programme in Chemical Engineering for Industrial Sustainability (LM22).

**English proficiency requirements**

Candidates who wish to register in the master's programme need to have good English language skills, both written and spoken. A B2 level or higher of the Common European Framework of Reference (CEFR) for languages is required, attested by one of the following certifications:

- IELTS: overall score greater than, or equal to, 5.5;
- TOEFL: minimum total score 72;
- Cambridge: First Certificate in English (FCE) or higher.

**Exemption from the International  
English Certificate**

- Native English-speaking students (self-declaration needs to be presented);
- Students with declaration from the University where the bachelor's or master's degree was achieved stating that English was the official language of the course.



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## COMMUNICATIONS ENGINEERING (ITALIAN CODE LM-27)

### Academic and Curricular requirements

- A bachelor's or higher degree awarded abroad. Nongraduated candidates are also accepted provided that they will obtain their bachelor's degree before **31 July 2026**.
- An adequate knowledge in basic subjects such as mathematical and numerical analysis, linear algebra and geometry, probability and statistics, physics and chemistry.
- An adequate knowledge in the subjects specific of the course such as analog and digital communications, networking, electronics, computer engineering and programming, system theory.
- The ability to use methodological and operational aspects of mathematics and other basic sciences and to describe engineering problems.
- Successful candidates have mainly an academic background in the following engineering fields: Electronic Engineering, Telecommunication Engineering, Automation Engineering, Electrical Engineering, Computer Engineering and Computer Science.

### English proficiency requirements

Candidates who wish to register in the master's programme need to have good English language skills, both written and spoken. A B2 level or higher of the Common European Framework of Reference (CEFR) for languages is required, attested by one of the following certifications:

- IELTS: overall score greater than, or equal to, 5.5;
- TOEFL: minimum total score 72;
- Cambridge: First Certificate in English (FCE) or higher.

### Exemption from the International English Certificate

- Native English-speaking students (self-declaration needs to be presented);
- Students with declaration from the University where the bachelor's or master's degree was achieved stating that English was the official language of the course.



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## DATA SCIENCE (ITALIAN CODE LM- DATA)

### Academic and Curricular requirements

- A bachelor's or higher degree awarded abroad. Undergraduate candidates are also accepted, provided that they will obtain their bachelor's degree before 31 July 2026;
- An academic background in one of the following fields:
  - Computer Science
  - Economics and management
  - Engineering
  - Mathematics
  - Physics
  - Statistics
- An adequate knowledge in the following subjects: computer science, mathematics, probability and statistics. Knowledge levels will be evaluated by means of acquired ECTS (or hours) and course marks (as indicated in the transcript).

### English proficiency requirements

Candidates who wish to register in the master's programme need to have good English language skills, both written and spoken. A B2 level or higher of the Common European Framework of Reference (CEFR) for languages is required, attested by one of the following certifications:

- IELTS: overall score greater than, or equal to, 5.5;
- TOEFL: minimum total score 72;
- Cambridge: First Certificate in English (FCE) or higher.

### Exemption from the International English Certificate

- Native English-speaking students (self-declaration needs to be presented);
- Students with declaration from the University where the bachelor's or master's degree was achieved stating that English was the official language of the course.



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**ELECTRICAL ENGINEERING  
FOR SUSTAINABLE GREEN  
ENERGY TRANSITION  
(ITALIAN CODE LM-28)**

**Academic and Curricular  
requirements**

A bachelor's or higher degree awarded abroad.

Undergraduates candidates are also accepted providing that they will obtain their bachelor's degree before 31 July 2026;

Successful applicants come primarily from an academic background in:

- Electrical Engineering;
- Electronics Engineering;
- Industrial Engineering.

Candidates may also be seconded from international organisations and national foreign services, provided they hold a university degree and have relevant professional experience.

- an adequate knowledge in basic subjects as mathematical and numerical analysis, linear algebra and geometry, physics, chemistry, informatics, control and systems theory.

**English proficiency requirements**

Good Knowledge of the English language, at least B2 level of the Common European Framework of Reference for languages attested as follows:

- IELTS: overall score 5 or higher;
- TOEFL: minimum total score 60;
- Cambridge ESOL: Preliminary (PET); Business Preliminary (BEC) or higher.

**Exemption from the  
International English Certificate**

- Native English-speaking students (self-declaration needs to be presented);
- Students with declaration from the University where the bachelor's or master's degree was achieved stating that English was the official language of the course.



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## **ELECTRONIC ENGINEERING (ITALIAN CODE LM-29)**

### **Academic and Curricular requirements**

- A bachelor's or higher degree awarded abroad. Undergraduate candidates are also accepted providing that they will obtain their bachelor's degree before 31 July 2026.
- An adequate knowledge of basic subjects such as mathematical and numerical analysis, linear algebra and geometry, probability and statistics, physics, and chemistry.
- An adequate knowledge of the subjects specific to the course such as analog and digital electronics, circuit theory, telecommunications, control and systems theory, and informatics.
- The ability to use methodological and operational aspects of mathematics and other basic sciences to describe engineering problems.

Successful candidates have mainly an academic background in the following engineering fields: Electronic Engineering, Telecommunication Engineering, Automation Engineering, Electrical Engineering, Computer Engineering, and Computer Science. The level of the basic and subject specific knowledge will be evaluated from the student transcript in terms of ECTS acquired and course marks.

### **English proficiency requirements**

Good Knowledge of the English language, at least B2 level of the Common European Framework of Reference for languages attested as follows:

- IELTS: overall score greater than, or equal to, 5.5;
- TOEFL: minimum total score 72;
- Cambridge: First Certificate in English (FCE) or higher.

### **Exemption from the International English Certificate**

- Native English-speaking students (self-declaration needs to be presented);
- Students with declaration from the University where the bachelor's or master's degree was achieved stating that English was the official language of the course.





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**GLOBAL POLITICS AND  
EURO-MEDITERRANEAN  
RELATIONS (ITALIAN  
CODE LM-62R)**

**Academic and Curricular  
requirements**

A bachelor's or higher degree awarded abroad. Undergraduates candidates are also accepted providing that they will obtain their bachelor's degree before 31 July 2026;

Successful applicants come primarily from an academic background in:

- Political Science, EU studies, International Relations, Diplomatic Studies, Area Studies, Development studies;
- Cultural and social studies, Humanities and history, Communication studies, Modern Languages;
- International and/or EU law, international and /or EU economics.

Candidates that hold a University degree with different academic background may also be considered if they are seconded from international organisations and national foreign services, and have relevant professional experience.

**English proficiency  
requirements**

Candidates who wish to register in the master's programme need to have good English language skills, both written and spoken. A **B2** level or higher of the Common European Framework of Reference (CEFR) for languages is required, attested by one of the following certifications:

- **IELTS:** overall score greater than, or equal to, 5.5;
- **TOEFL:** minimum total score 72;
- **Cambridge: First Certificate in English (FCE)** or higher.

**Exemption from the  
International English Certificate**

- Native English-speaking students (self-declaration needs to be presented);
- Students with declaration from the University where the bachelor's or master's degree was achieved stating that English was the official language of the course.



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## PHYSICS (ITALIAN CODE LM – 17R)

### Academic and Curricular requirements

- A bachelor's or higher degree awarded abroad obtained since no more than six years.  
Undergraduates candidates can be also accepted providing that they will obtain their bachelor's degree before 31 July 2026;
- An adequate academic background in Physics and Mathematics which includes an introductory course in quantum mechanics.

### English proficiency requirements

Good Knowledge of the English language, at least B2 level of the Common European Framework of Reference for languages attested as follows:

- IELTS: overall score 5.5 or higher;
- TOEFL: minimum total score 80;
- Cambridge ESOL: First certificate in English (FCE) or higher.

### Exemption from the International English Certificate

- Native English-speaking students (self-declaration needs to be presented);
- Students with declaration from the University where the bachelor's or master's degree was achieved stating that English was the official language of the course.





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## Academic and Curricular requirements

A bachelor's or higher degree awarded abroad. Undergraduates candidates are also accepted providing that they will obtain their bachelor's degree before 31 July 2026;

Successful applicants come primarily from an academic background in:

- Scienze e tecnologie agrarie e forestali
- Biotechnology;
- Biological Sciences;
- Landscape and Environmental Planning Sciences;
- Food Sciences and Technologies;
- Chemical Sciences and Technologies;
- Pharmaceutical Sciences and Technologies;
- Environmental and Natural Sciences and Technologies;
- Animal Sciences and Animal Production Technologies;

Candidates that hold a University degree with different academic background may also be considered if they are seconded from international organisations and national foreign services, and have relevant professional experience.

## AGRICULTURAL SCIENCES AND TECHNOLOGY (ITALIAN CODE LM-69 R)

### English proficiency requirements

Candidates who wish to register in the master's programme need to have good English language skills, both written and spoken. A B2 level or higher of the Common European Framework of Reference (CEFR) for languages is required, attested by one of the following certifications:

- IELTS: overall score 5 or higher;
- TOEFL: minimum total score 60;
- Cambridge ESOL: Preliminary (PET); Business Preliminary (BEC) or higher.

### Exemption from the International English Certificate

- Native English-speaking students (self-declaration needs to be presented);
- Students with declaration from the University where the bachelor's or master's degree was achieved stating that English was the official language of the course.



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## Academic and Curricular requirements

- A bachelor's or higher degree awarded abroad.  
Undergraduates candidates are also accepted providing that they will obtain their bachelor's degree before 31 July 2026;
- Successful applicants come primarily from an academic background in:

- a. civil engineering;
- b. building/architectural engineering;
- c. industrial engineering;

Candidates may also be seconded from international organisations and national foreign services, provided they hold a university degree and have relevant professional experience.

- an adequate knowledge in basic subjects as drawing, construction science, environmental and sanitary engineering, material technology, building construction, building physics and building energy systems, transportation engineering, geotechnics, hydraulics.

## CONSTRUCTION MANAGEMENT AND SAFETY (ITALIAN CODE LM-26R)

### English proficiency requirements

Candidates who wish to register in the master's programme need to have good English language skills, both written and spoken. A B2 level or higher of the Common European Framework of Reference (CEFR) for languages is required, attested by one of the following certifications:

- IELTS: overall score 5.5 or higher;
- TOEFL: minimum total score 72;
- Cambridge: First Certificate in English (FCE) or higher.

### Exemption from the International English Certificate

- Native English-speaking students (self-declaration needs to be presented);
- Students with declaration from the University where the bachelor's or master's degree was achieved stating that English was the official language of the course.