

#### Academic year 2025-2026

Admission methods for the Master's Degree with entry requirements and academic knowledge assessment in:

### **Mechanical Engineering**

Faculty of Civil and Industrial Engineering Class: LM-33; code to be entered on Infostud: **33494** 

#### 1. Stages of the procedure

For admission to the master's degree, it is required to:

- a. **Pay** the €10,00 fee in compliance with the methods and deadlines indicated in section 3.
- b. Wait for the outcome of the entry requirements assessment. If the requirements are not met, it is possible to acquire the missing credits by passing single exams. The methods and costs are set out in "Single Courses" of the Student Regulations Go to the Student Regulations
- c. **Carry out the academic knowledge assessment** in the modalities indicated in section 4.
- d. **Proceed to enrolment** by paying the master's degree enrolment tuition fees in accordance with the procedures and deadlines indicated in section 5. Enrolment can only take place when the Student Affairs Office sends an email notification of the successful outcome of entry requirements and academic knowledge assessment.

#### Candidates from other Italian universities

Applicants from other Italian universities, after paying the €10,00 fee, must submit a selfcertification indicating the exams taken, the scientific disciplines corresponding to the subjects, and relating syllabuses using the form "*Dichiarazione laurea ed esami*" available on the University Website at the student forms page <u>https://www.uniroma1.it/en/pagina/student-forms</u> Submissions must be made in one of the following ways:

- from the email address indicated on Infostud at the time of registration to the email address of your Student Affairs Office or the address indicated in the curricular requirements, available in the Course Catalogue, on the page of each degree programme, in the Enrolment section. Before submitting your application, you must check that you have uploaded your identification document on Infostud, under the section "Profile>Personal documents";
- from your personal certified e-mail address to the Sapienza University of Rome certified e-mail address protocollosapienza@cert.uniroma1.it

#### Candidates who have not graduated yet

If the programme regulations provide for it, candidates who have not yet graduated (from Sapienza University of Rome or other universities) may also apply for entry requirements assessment, without prejudice to the obligation to graduate by January 24, 2026 (for those who have not yet graduated from Sapienza University of Rome) and by December 20, 2025 (for those who have not yet graduated from other Italian and international universities).

## For candidates coming from foreign countries and/or in possession of a qualification obtained in a non-Italian education system

Procedures for candidates coming from foreign countries are indicated in section 6.

#### 2. Entry requirements

In order to be admitted, candidates must successfully pass an assessment of their curricular requirements and academic knowledge according to the criteria specified below. The curricular requirements relate to the minimum knowledge and skills ascribable to the basics of industrial engineering in the mechanical area, acquired through the degree, other equivalent qualifications or through subsequent certified university educational activities. These skills and knowledge are considered to have been acquired if a least 54 credits (ECTS) have been acquired that relate to the subject areas of the Scientific-Disciplinary Sectors (SSDs) of the foundation subjects (mathematics, physics and chemistry) and no less than 66 ECTS that relate to the subject areas of the scientific-disciplinary sectors of the subjects belonging to the class of industrial engineering (degree class L-9), with particular reference to mechanical engineering. More in detail:

- <u>a)</u> <u>Requirements in foundation subjects</u>. At least 54 ECTS in subjects in the areas of mathematics, physics and chemistry, of which a minimum of 27 ECTS in at least 3 subjects relating to: mathematical analysis, geometry, experimental physics, mathematical physics. The following Scientific-Disciplinary Sectors (SSDs) are to be considered as reference SSDs for this assessment: CHIM/07 Chemical Foundations of Technology, ING-INF/05 Computer Science, MAT/03 Geometry, MAT/05 Mathematical Analysis, MAT/06 Mathematical Probability and Statistics, MAT/07 Mathematical Physics, MAT/08 Numerical Analysis, MAT/09 Operational Research, FIS/01 Experimental Physics.
- b) Requirements in the subjects of the class of industrial engineering and mechanical engineering. At least 18 ECTS in at least 3 subjects relating to the area of fluid mechanics, electrical engineering and electrical machines, metallurgy and materials science. The following SSDs are to be considered as reference SSDs for this assessment: ING-IND/31 Electrotechnics, ING-IND/06 Fluid Dynamics, ING-IND/21 Metallurgy, ING-IND/32 Electrical converters, machines and drives, ING-IND/22 Materials Science). At least 48 ECTS in no less than 4 subjects related to core knowledge in the three areas of mechanical engineering in which the SSDs below are to be considered as reference for this assessment:

*Design Area:* ICAR/08 Construction Science, ING-IND/13 Applied Mechanics of Machines, ING-IND/14 Mechanical Design and Construction of Machines, ING-IND/15 Industrial Engineering Design and Methods; ING-IND/12 Mechanical and Thermal Measurements. *Energy systems and energy conversion area:* ING-IND/08 Fluid machines; ING-IND/09 Energy and environment systems, ING-IND/10 Industrial technical physics; ING-IND/10 Industrial technical physics.

Mechanical Technology and Industrial Plants Area: ING-IND/16 Processing Technologies and Systems, ING-IND/17 Industrial Mechanical Plants.

The assessment of the curricular requirements is carried out by the Mechanical Engineering Educational-area Board( CADIMe) by examining the qualifications obtained, verifying both the SSDs corresponding to the subjects carried out and, when necessary (e.g. in the case of a qualification obtained at another university or of a qualification in other areas or degree classes), by analysing the syllabi for the subjects under consideration. In the presence of unsatisfactory curricular requirements, the CADIMe will give useful operational indications for

acquiring the minimum access requirements also through one or more courses to be taken in the "*Single Courses*" mode for the achievement of the curricular requirements. In assigning the number of Single Courses required to pass the assessment of the curricular requirements, the CADIMe will also take into account the graduation average, as an indicative factor of the ability to independently meet the curricular requirements of specific subject areas. In this regard, 2 graduation average bands will be identified (ECTS-weighted calculation): greater than or equal to 27.00/30 (up to a maximum of two subject areas); greater than or equal to 24.00/30 but less than 27.00/30 (up to a maximum of one subject area). In the case of a degree obtained at another university or in engineering other than mechanical engineering, it is possible to request a preliminary assessment from CADIMe via <u>Google Form</u>.

With reference to double degree curricula with foreign universities, besides the criteria established for the curricular and academic knowledge requirements described herein, which are valid for the Italian degree study plan, further specific criteria may be added for attendance of the programme in the foreign university, as indicated in the <u>bilateral agreements</u> available on the CADIMe website, in the Double Degree section.

With reference to double degree curricula with foreign universities, besides the criteria established for the curricular and academic knowledge requirements described herein, which are valid for the Italian degree study plan, further specific criteria may be added for attendance of the programme in the foreign university, as indicated in the bilateral agreements available on the CADIMe website, in the Double Degree section.

Specifically, for a double degree with a United States university, it is necessary to have graduated with a grade of 101 or higher and to demonstrate a good knowledge of the English language certified by the TOEFL or GRE tests.

With reference to the Mechanical Engineering Design curriculum, delivered entirely in English, non-Italian students will be admitted only after pre-selection according to the specific call for applications defined annually according to the requirements of the Programme Regulations. (<u>https://www.uniroma1.it/en/pagina/study-sapienza</u>). The minimum admission threshold for the graduation grade (GPA) is a grade equivalent to 24.00/30.

#### 3. Entry requirements assessment

The assessment of entry requirements is requested by paying a fee of €10,00 from July 2, 2025, to one of the following dates of your choice:

- September 16, 2025 (only date available for non-EU candidates who request a student visa)
- October 16, 2025
- November 18, 2025
- December 16, 2025
- January 15, 2026 (date reserved for those who have already graduated or are about to graduate from Sapienza University of Rome).

Payment is generated on the Infostud system. Payment is made online via PagoPA (direct payment). The code to be entered in the system is **33494**. <u>Read the instructions</u>

**The outcome** of the entry requirements assessment will be communicated to the institutional mailbox (if activated) or to the personal email address declared on Infostud.

#### 4. Academic knowledge assessment

Alongside the assessment of the curricular requirements, the academic knowledge requirement must also be met for admission to the Master's Degree in Mechanical Engineering. The academic knowledge requirement is aimed at ascertaining the adequacy of the academic knowledge and curricular requirements. The assessment of academic knowledge is carried out based on the graduation grade, i.e. the ECTS-weighted average. If the graduation mark is below 90.00/110, i.e. if the ECTS-weighted graduation average is below 22.00/30, enrolment is subject to an academic knowledge test as follows:

- a) Passing the academic knowledge test, which takes place on the basis of a syllabus and the procedures described on the dedicated page on the CADIMe website.
- b) In the event that at least two Single Courses have been assigned in the assessment of entry curricular requirements the academic knowledge can be deemed to have been satisfied by achieving an average grade of 24.00/30 or higher in these subjects.

Proficiency in English of at least level B2 is required for English-language curricula. In this regard, the following are recognised as useful for its attainment: English language activity level B2 carried out in the first-level degree programme; a certification among those recognised

by the degree programme or by passing the advanced language courses provided by the Faculty (<u>https://www.ing.uniroma1.it/studenti-iscritti/corsi-di-lingua-inglese</u>).

#### 5. Enrolment

Enrolment is obtained through payment of the programme enrolment tuition fees, after successful completion of the assessment of entry requirements and academic knowledge.

**Payment** is generated on the Infostud system. **Payment** is made online via PagoPA (direct payment). The **code** to be entered in the system is **33494**. <u>Read the instructions</u>

The terms for paying the first instalment are indicated in the Student Regulations, Part II "Contribuzione studentesca", under the section "Payment deadlines" Go to the Student Regulations

#### 6. Candidates with an educational qualification obtained within a non-Italian education system

Procedures differ according to nationality and country of residence.

# For those with citizenship in non-EU countries, residing abroad and applying for a study visa, and for those from China and participating in the Marco Polo project who choose the English language curriculum

In these cases, it is necessary to have the mandatory pre-acceptance letter.

The procedures to be followed are indicated in section 7 of the International Student Office page Read section 7

Those with non-EU citizenship, permanently residing abroad, who apply for a visa for study purposes that choose the Italian language curriculum are not obliged to get the preacceptance letter but must pass the Italian language proficiency test (level B2), or must have an Italian language certificate of at least level B2, issued by recognised organisations (https://www.esteri.it/it/diplomazia-culturale-e-diplomazia-

<u>scientifica/cultura/promozionelinguaitaliana/certificazioni-linguistiche</u>) as indicated in the Ministry of University and Research Circular.

For information about the Italian language knowledge test go to the dedicated page: <u>https://www.uniroma1.it/en/notizia/italian-language-test-international-students</u> https://www.studiare-in-italia.it/studentistranieri

For those with Italian citizenship, for those with citizenship in EU countries (regardless of country of residence) and for those with citizenship in non-EU countries with a residence permit in Italy

The procedures referring to these cases are indicated in section 8 of the International Student Office page

Read section 8

## Enrolment procedures for those with an educational qualification from a non-Italian education system

Following the successful outcome of the entry requirements assessment, or upon receipt of the pre-acceptance letter, those in possession of an educational qualification obtained in a non-Italian education system must complete the enrolment procedure for the two-year Master's degree programme as indicated in section 4 of the International Student Office page <u>Go to section 4</u>