



SAPIENZA
UNIVERSITÀ DI ROMA

2019-2020 Academic Year

Admission procedures for the Master's Degree Programme
with assessment of requisites and personal skills in:

Mechanical Engineering

Faculty of Civil and Industrial Engineering

LM-33 Class; code to be indicated on Infostud: 27596

Admission requirements

To be admitted to the master's degree programme in Mechanical engineering, students must hold the bachelor's degree, a three-year diploma or any other suitable title of study got abroad and recognised as being equivalent. Before enrolment, the possession of curricular requisites and personal skills shall be assessed, according to the modalities specified as follows.

Curricular requisites

Students who have achieved a degree, a three-year diploma or any other suitable title of study recognised as being equivalent or who have carried out further certified academic-level training, may be admitted to the study programme if they have acquired at least overall 120 ECTS in the following scientific disciplinary sectors (SDS), according to the required thresholds specified from time to time:

a) not less than 54 ECTS in at least five of the following basic scientific disciplinary sectors:

CHIM/07 Principles of chemistry for technologies

FIS/01 Experimental physics

MAT/03 Geometry

MAT/05 Mathematical analysis

MAT/06 Probability and mathematical statistics

MAT/07 Mathematical physics

MAT/08 Numerical analysis

MAT/09 Operational research

ING-INF/05 Computer science

b) not less than 48 ECTS in at least six of the following core scientific disciplinary sectors:

ING-IND/08 Fluid machines

ING-IND/09 Systems for energy and environment

ING-IND/10 Industrial technical physics

ING-IND/11 Environmental technical physics

ING-IND/12 Mechanical and thermal measurements

ING-IND/13 Mechanics applied to machines



ING-IND/14 Mechanical design and machine construction
ING-IND/15 Design and methods for industrial engineering
ING-IND/16 Manufacturing technology and systems
ING-IND/17 Mechanical industrial plants

c) not less than 18 ECTS in at least three of the following scientific disciplinary sectors of Engineering:

ICAR/08 Building science

ING-IND/06 Fluid dynamics

ING-IND/21 Metallurgy

ING-IND/22 Materials science

ING-IND/31 Electrical engineering or ING-IND/32 Power electronic converters, electrical machines and drives.

A B-2 level language certification according to the CEF (Common European Framework) is also required. Such certification may be replaced by the acquisition of at least 3 ECTS for "Qualification in English/French/German/Spanish LANGUAGE" or in one of the following scientific disciplinary sectors:

L-LIN/03 French literature

L-LIN/04 Language and translation – French

L-LIN/05 Spanish literature

L-LIN/06 Hispanic-american language and literature

L-LIN/07 Language and translation – Spanish

L-LIN/10 English literature

L-LIN/11 Anglo-american language and literature

L-LIN/12 Language and translation – English

L-LIN/13 German literature

L-LIN/14 Language and translation - German

Without prejudice to the requirement of at least overall 120 ECTS, the Programme Area Council may also admit to the study programme some students who have not acquired all the needed ECTS in each of the different scientific disciplinary sectors indicated above - from a) to c) – in the event that their curricular requisites are deemed as being equivalent after the assessment of their educational career and actual knowledge. The Educational regulations of the study programme will provide such students with additional information about the definition of study plans; they will also indicate in particular the cases in which further preliminary tests, if any, could be required to integrate the students' knowledge vis-à-vis the contents of the master's degree programmes.

Enrolment in the study programme is subject to ascertainment of the students' curricular requisites and personal skills, according to the modalities indicated in the Course Catalogue



(<https://corsidilaurea.uniroma1.it/it>), Mechanical engineering (master's degree), in the ENROLMENT box, and on the Programme Area Council of Mechanical engineering (www.ingmecc.uniroma1.it) website, PROCEDURE section. Candidates may undergo such tests only after they have submitted an application through Infostud to enrol and have their requisites assessed.

By assessing the students' curricular requisites, the Programme Area Council may verify whether there are gaps in the basic, core or related and additional topics which are deemed as preliminary and functional to the proper development of the master's degree programme. Any curricular integrations, to be achieved by means of assignation of Additional Learning Requirements, must be fulfilled before the assessment test. This requirements is automatically satisfied by students having achieved the bachelor's degree in Mechanical engineering at Sapienza University.

After verifying the suitability of the students' personal skills, the Programme Area Council evaluates the degree score and the average examination marks; it then decides whether students have or not to undergo an admission test according to the modalities described in the Educational regulations of the study programme. In the event that the evaluation committee considers the result of the admission test as being below the minimum threshold, enrolment will not be allowed.

The Course Catalogue and the Programme Area Council of Mechanical engineering (www.ingmecc.uniroma1.it) websites indicate programmes, procedures for the assessment test and the admission test schedule.

Some ECTS may be recognised for programme shortening after a favourable evaluation by the Programme Council of students having certified knowledge and professional skills pursuant to the regulations in force on the matter. Other knowledge and skills accrued in academic-level training, whose planning and implementation the University has contributed to, may be also recognised, provided that they have not been already recognised for the assignation of ECTS in the degree programme they come from. ECTS may be also assigned for knowledge accrued after exams passed in university degree programmes, provided that they have not generated ECTS for the achievement of the degree. The maximum number of recognisable credits is 12.

As regards the US dual degree curricula, students must have achieved the degree with a score equal or higher than 101 and must have a good English knowledge, TOEFL or GRE certified. As regards the Mechanical engineering design curriculum, taught in English, foreign students will be only admitted subject to a pre-selection, according to the directions of Sapienza internationalisation office and in compliance with the requirements set forth in the Educational regulations of the study programme.



Assessment of personal skills

The Educational regulations of the study programme will define the modalities to assess the suitability of personal skills according to the results obtained in the title of study submitted for admission to the degree programme; usually, the final mark will be taken into account.

Admission test

In case students do not satisfy the above mentioned admission criteria, they may request to undergo an admission test. The Educational regulations of the study programme define the requisites for test admission, the programme as well as the performance procedures and assessment criteria. In particular, the admission test may ascertain whether the students' knowledge is sufficient, adjustable or insufficient. In this latter case, enrolment is not allowed.

Admission procedures

How to print the paying-in slip

The application form for the assessment of requisites must be printed from Infostud according to the procedures described at <https://www.uniroma1.it/it/pagina/infostud>.

Such form, of the amount of € 10, is at the same time application, self-certification of personal data and privacy disclaimer and shall be paid within the following deadlines, at students' choice:

September 13, 2019, October 14, 2019, November 13, 2019, December 13, 2019, January 13, 2020 (date reserved to Sapienza graduands and graduates).

Payments shall be made at any Italian Unicredit branch.

The result of such requisite assessment will be communicated to the institutional email address (if available) or to the email address provided on Infostud.

Students coming from other Universities

Students coming from other Universities shall enrol with the same procedure described at <https://www.uniroma1.it/it/pagina/infostud>, before making payment, and submit to the Student Office a self-certification of the degree achieved with the list of the exams taken and of the scientific disciplinary sectors corresponding to the courses and the receipt of € 10 payment, within the same deadline provided for the requisite assessment. Failure to submit the statement of the candidates' study plan or to be successful in the requisite assessment will impair the possibility to enrol in that specific study programme.

Students holding a pre-admission letter

Students coming from foreign universities shall enrol with the same procedure described at <https://www.uniroma1.it/it/pagina/infostud>, before making payment, and shall submit to Hello Help Desk - Foreign students the following documentation:

- original and copy of the identity document;



- original and copy of the student visa (in case of non-EU citizens residing abroad);
- original and copy of the residence permit (in case of non-EU citizens legally residing in Italy);
- original and copy of upper secondary school diploma translated into Italian, legalised and accompanied by a declaration of value;
- original and copy of the degree translated, legalised and accompanied by a declaration of value;
- original and copy of the certificate of exams passed translated and legalised;
- receipt of the € 10 payment for the requisite assessment.

Students without a pre-admission letter

Students coming from foreign universities shall enrol with the same procedure described at <https://www.uniroma1.it/it/pagina/infostud>, before making payment, and shall send an email to studentistranieri@uniroma1.it by attaching:

- passport;
- student visa (in case of non-EU citizens permanently residing abroad);
- residence permit (in case of non-EU citizens legally residing in Italy);
- the upper secondary school diploma translated, legalised and accompanied by a declaration of value;
- the degree translated, legalised and accompanied by a declaration of value;
- the certificate of the exams passed translated and legalised;
- a detailed list of the courses per each discipline, with the indication of the hours of technical and practical educational activities provided for the achievement of the degree or of the Diploma Supplement;
- the payment receipt of € 10 to be paid for the assessment of requisites.

The Hello Help Desk - Foreign students will forward the documentation to the person in charge of the competent Faculty.

Once requisites have been assessed, the above documents shall be submitted in original and in copy to make payment of the tuition fees.

Graduands

Should the Educational regulations of the study programme provide it, also Sapienza students or students coming from other Italian Universities who have not graduated yet will be allowed to require the requisite assessment, provided that they will achieve the degree within January 17, 2020 (for Sapienza students) and within December 20, 2019 (for students coming from other Italian Universities).



Single exams for the attainment of requisites

Graduated students and graduands coming from Sapienza or other Italian and foreign Universities who intend to enrol in a Sapienza master's degree programme pursuant to former Ministerial Decree no. 270/04 and who are not provided with all the curricular requisites provided, may enrol in single programmes before enrolling in the master's degree programmes by benefitting from a 75% reduction on the cost of each single programme. The exams taken, if any, will not be included in the first year programme, will not be included in the average calculation of exams and will not be used in case of programme shortening applications, but may be only added up to the student's career for the above mentioned purposes. The procedures to enrol in single programmes are described in art. 41 of the University Programme Manifesto.

Further information

The admission procedures provided further to requisite assessment are indicated in art. 8 of the University Programme Manifesto published at <https://www.uniroma1.it/it/pagina-strutturale/studenti>.