

Academic Year 2022-2023

Admission procedures for the Master's Degree Programme with verification of requirements and personal preparation in

Nanotechnology Engineering

Interfaculty (Civil and Industrial Engineering – Information Engineering, Informatics and Statistics)
LM-53 Class; code to be indicated on Infostud: 30429

Admission requirements

The successful attendance of the courses of the Master's Degree in Nanotechnology Engineering requires an adequate mastery of general scientific methods and contents in the basic scientific disciplines, as well as in physics, chemistry and engineering, which are preliminary to the core disciplines provided for in the academic system of the master's degree programme which such study programme (LM-53 Materials Science and Engineering) belongs to. Such knowledge is usually acquired with a three-year university degree or diploma in Industrial Engineering, Electronic Engineering and Telecommunications (degree classes L-7, L-8 and L-9) but also with a degree in Physical Science Technology (degree class L-30) or in Chemical Science and Technology (degree class L-27). The knowledge acquired with these last two types of degrees, however, will have to be integrated with appropriate skills in the engineering disciplines. According to the different degree typologies, the knowledge required for admission to the master's degree programme in Nanotechnology Engineering is expressed in ECTS according to the following scheme:

Bachelor's degree in ENGINEERING (L-7, L-8 and L-9 classes).

Minimum 85 ECTS are required in the following disciplinary sectors:

- at least 27 ECTS in the following scientific disciplinary sectors: CHIM/03, FIS/01, FIS/03, MAT/02, MAT/03, MAT/05, MAT/06 and MAT/07;
- at least 58 ECTS in the following scientific disciplinary sectors: CHIM/02, CHIM/07, FIS/07, INF/01, ING-IND/03, ING-IND/04, ING-IND/06, ING-IND/07, ING-IND/08, ING-IND/09, INGIND/10, ING-IND/11, ING-IND/12, ING-IND/13, ING-IND/14, ING-IND/21, ING-IND/22, INGIND/24, ING-IND/25, ING-IND/26, ING-IND/27, ING-IND/31, ING-IND/32, ING-IND/33, INGIND/34, ICAR/08, ING-INF/01, ING-INF/02, ING-INF/03, ING-INF/04, ING-INF/06, INGINF/07, MAT/08 and MAT/09.

Bachelor's degree in PHYSICAL SCIENCE AND TECHNOLOGY (L-30 class) and CHEMICAL SCIENCE AND TECHNOLOGY (L-27 class)

Students must have acquired minimum 24 ECTS in the following engineering disciplinary sectors:

- minimum 6 ECTS in the ING-IND/31 scientific disciplinary sector;
- minimum 6 ECTS in the ING-IND/13 scientific disciplinary sector;
- minimum 6 ECTS in the ICAR/08 scientific disciplinary sector;
- minimum 6 ECTS in the ING-IND/06, ING-INF/04 or ING-IND/25 scientific disciplinary sectors.

Other types of degree

For students holding a foreign degree or a degree achieved according to the old academic system, the required knowledge is indicated in the Educational regulations of the study course (<https://web.uniroma1.it/nano/en/course-information/regulations/academic-regulations>). The Didactic Area Board (CAD) verifies the admission requirements on the basis of the candidate's curriculum and of the programs of the courses attended, in order to check the effective possession of the basic knowledge required for a profitable attendance of the degree course in Nanotechnology Engineering.

Personal Preparation

The admission to the degree course is subject to a verification of the student's personal preparation based on the average of the marks achieved in the exams of the First Level Degree Course. An average of 23/30 (twenty-three thirtieths) or higher allows admission to the course. In the absence of this requirement, the verification of the personal preparation will take place through a specific admission test.



English language skills

Considering the international context of the degree course in Nanotechnology Engineering and the presence of courses taught in English, all potential students are required to have a good knowledge of English language, corresponding to level B2 of CEFR (*Common European Framework of Reference for Languages*). An evaluation test of the fluency in English is foreseen to verify the required level.

Admission test

If the admission criteria listed above are not met, the candidate may request to take a written and/or oral admission test on topics characterising the basic aspects of engineering. The complete programs, the procedures and the calendar of the admission test will be published on the website of the Didactic Area Board (<https://web.uniroma1.it/nano/en>). The admission test, aimed at verifying the required knowledge, may have a sufficient or insufficient result. In the latter case, enrolment in the degree course is not allowed.

Concerning the recognition of ECTS already acquired previously, only ECTS related to teachings that have contents (specifically documented through the programs of the teachings) consistent with one of the training paths provided by the master degree course can be recognized. The CAD may, in fact, decide on the equivalence between the Scientific Disciplinary Sectors (SSD) for the attribution of ECTS on the basis of the content of the courses and in accordance with the regulations of the Master's degree course.

ECTS already acquired related to courses for which, even with a different name, there is a clear equivalence of content with the courses offered by the Master's degree course, can be recognized as related to the courses with the names of the Master's degree course for which enrolment is requested. In this case, the CAD decides on the recognition with the following modalities:

- if the number of ECTS corresponding to the course for which recognition is requested coincides with that of the course for which it is recognized, the assignment is made directly;
- if the number of ECTS corresponding to the course for which recognition is requested is different from the number of the course for which it is recognized, the CAD will examine the student's curriculum and, if necessary, assign the credits after additional interviews.

The CAD may recognize as credits the professional knowledge and skills certified in accordance with the regulations in force on the subject, as well as other knowledge and skills acquired in post-secondary educational activities to the design and implementation of which the University has contributed. These credits will be added to the 12 ECTS regarding the courses chosen by the student or the ECTS attributed to the optional exams. In any case, the maximum number of credits that can be recognized in these areas cannot exceed 18. Activities already recognized for the purpose of attributing ECTS within a degree program cannot be recognized again within the Master of Science in Nanotechnology Engineering program.



Enrolment procedures

The following enrolment procedures are reported for student knowledge but refer to a.y. 2020/2021.

Enrolment procedures for a.y. 2022/2023 will be published on the University's official website <https://corsidilaurea.uniroma1.it> as soon as they are available and then reported on the degree course website <https://web.uniroma1.it/nano/en>.

How to print the paying-in slip

The application form for the assessment of requirements must be printed from the information system Infostud, following the instructions available on the page <https://www.uniroma1.it/en/pagina/infostud-platform>. The system will produce a paying-in slip of the amount of €10 that is simultaneously an application, self-certification of personal data and privacy disclaimer that must be paid within one of the following deadlines, chosen by the student: September 14, 2020, October 14, 2020, November 13, 2020, December 14, 2020, January 13, 2021 (date reserved for Sapienza undergraduates and graduates).

Payment shall be made at any Italian Unicredit branch or also online, by means of credit card; for further information, please see <https://www.uniroma1.it/it/pagina/come-pagare>. On the last available day, the online payment must be made within h. 8:30 p.m. The result of the requisite assessment will be communicated to the institutional email address (if available) or to the email address provided on Infostud.

Students coming from other Italian universities

Students coming from other Italian universities, before making the payment, must register with the procedure described on the same web page and submit to the Student Office, within the same dates provided for the application for the verification of requirements, self-certification of the qualification obtained with the indication of the exams taken and of the scientific disciplines corresponding to the teachings and a copy of the payment of €10. Failure to submit the statement of the candidates' career or to be successful in the curricular requisite assessment will impair the application to that specific study programme.

Students coming from foreign universities and holding a pre-acceptance letter

Students coming from foreign universities and holding a foreign degree, before making payment, shall register with the procedure described here <https://www.uniroma1.it/en/pagina/infostud-platform> and complete their application by submitting to Hello-Foreign students office the following mandatory documentation:

- original and copy of a valid identity document (for everyone);
- original and copy of the visa issued by the Italian Embassies or Consulates of their latest residence; original and copy of the receipt of application for the residence permit (only for non-EU citizens residing abroad and applying for a visa);
- original and copy of the residence permit (only for non-EU students legally residing in Italy);
- original and copy of the upper secondary school diploma (achieved after at least 12 years of school attendance), translated, legalised and accompanied by a declaration of value issued by the competent Italian Embassies or Consulates of the country in which the title of study has been achieved, or by the Statements of Comparability and Verification issued by CIMEA (<http://www.cimea.it/it/index.aspx>);
- original and copy of the degree (achieved after at least 15 years of school attendance, out of which at least the last 3 of university), translated, legalised and accompanied by a declaration of value issued by the competent Italian Embassies or Consulates of the country in which the degree has been achieved or by the Statements of Comparability and Verification issued by CIMEA (<http://www.cimea.it/it/index.aspx>);
- certificate of exams issued by the university, translated, legalised or accompanied by the Statement of Verification issued by CIMEA (<http://www.cimea.it/it/index.aspx>).

In case of application to bachelor's and/or master's degree programmes entirely taught in English, if the title of study has been issued in English, no translation into Italian will be required, though legalisation will remain



mandatory.

The declaration of value or the Certificate of Comparability of the university degree may be replaced by the Diploma Supplement for which no translation into Italian will be required, but legalization will still be mandatory.

The declaration of value of high school diplomas and university degrees can be replaced by certificates issued by CIMEA (<http://www.cimea.it/it/index.aspx>) as long as they contain all the information, normally included in the declaration of value, needed to evaluate a degree.

- receipt of €10 payment for the verification of requirements;
- pre-acceptance letter

In compliance with the provisions issued by the competent authorities in relation to the Coronavirus Emergency, the registration procedures, such as: finalization, presentation and administrative control of the mandatory documents will also be carried out remotely.

PLEASE NOTE

Non-EU citizens residing abroad and applying for a study visa, before starting the procedure described above, must compulsorily register on the UNIVERSITALY website <https://www.university.it/> and contact the "Hello-Foreign students office" at the dedicated email: accesso.sapienza@uniroma1.it

Provisions in force for A.Y. 2020/2021 are available at <https://www.studiare-in-italia.it/studentistranieri/>

Non-EU citizens permanently residing abroad and applying for a study visa, if prescribed on the platform UNIVERSITALY for a course of study provided in Italian, must take and pass an Italian language test. For this academic year, the Italian language test will be held remotely (for information on how to register for the test please visit the page: <https://www.uniroma1.it/it/notizia/prova-di-lingua-italiana-le-iscrizioni-di-studenti-abroad>).

Foreign students coming from foreign universities without a pre-acceptance letter

Students coming from foreign universities and holding a foreign degree, before making payment, shall register with the procedure described at the above webpage and write to Hello-Foreign students office to verificarequisiti.studentistranieri@uniroma1.it, by attaching the following documents:

- original and copy of a valid identity document;
- original and copy of the visa issued by the Italian Embassies or Consulates of their latest residence; original and copy of the receipt of application for the residence permit (only for non-EU citizens residing abroad and applying for a visa);
- original and copy of the residence permit (only for non-EU students legally residing in Italy);
- original and copy of the upper secondary school diploma (achieved after at least 12 years of school attendance), translated, legalised and accompanied by a declaration of value issued by the competent Italian Embassies or Consulates of the country in which the title of study has been achieved, or by the Statements of Comparability and Verification issued by CIMEA (<http://www.cimea.it/it/index.aspx>);
- original and copy of the degree (achieved after at least 15 years of school attendance, out of which at least the last 3 of university), translated, legalised and accompanied by a declaration of value issued by the competent Italian Embassies or Consulates of the country in which the degree has been achieved or by the Statements of Comparability and Verification issued by CIMEA (<http://www.cimea.it/it/index.aspx>);
- original and copy of the certificate of exams issued by the university, translated, legalised or accompanied by the Statement of Verification issued by CIMEA (<http://www.cimea.it/it/index.aspx>);
- original and copy of the study programmes detailed by discipline, with the indication of the hours of



lecture attended and the theoretical and practical activities provided for the achievement of the foreign degree, carrying the original stamp of the university and translated into Italian. For such document, no legalisation is required;

In case of application to bachelor's and/or master's degree programmes entirely taught in English, a translation into Italian will not be necessary, but legalization will still be mandatory.

The declaration of value or the Certificate of Comparability of the university degree may be replaced by the Diploma Supplement for which no translation into Italian will be necessary, but legalization will still be mandatory.

The declaration of value of high school diplomas and university degrees can be replaced by certificates issued by the CIMEA (<http://www.cimea.it/it/index.aspx>) that contain all the information, normally included in the declaration of value, needed to evaluate a degree.

- receipt of €10 payment for the verification of requirements

PLEASE NOTE

Non-EU citizens permanently residing abroad who are applying for a student visa, before starting the above procedure, are required to mandatorily pre-enrol on UNIVERSITALY portal at <https://www.university.it/> and to write to "Hello-Foreign students office" at accesso.sapienza@uniroma1.it. The provisions in force for the 2020-2021 academic year are available at <https://www.studiare-in-italia.it/studentistranieri/>.

Non-EU citizens permanently residing abroad and applying for a study visa, if registered on the UNIVERSITALY website for a course of study in Italian, must take and pass an Italian language test.

For this academic year, the test of knowledge of the Italian language will be held remotely (for information on how to register for the test visit the page: <https://www.uniroma1.it/it/notizia/prova-di-lingua-italiana-le-iscrizioni-di-studenti-foreign-countries>).

The Hello-Foreign students Office will be responsible for forwarding the documentation to the relevant Faculty.

Once the requirements have been verified, the above-mentioned documents must be presented in original and in photocopy in order to obtain the enrolment fee. In compliance with the provisions issued by the competent authorities in relation to the Coronavirus Emergency, the registration procedures, such as: finalisation, presentation and administrative control of the compulsory documents will also be carried out remotely.

Graduands

If provided by the course regulations, students from Sapienza or from other Italian universities who have not yet obtained their degree may also request verification of the requirements, without prejudice to the obligation to obtain it by 15 January 2021 (for Sapienza students) and by 18 December 2020 (for students from other Italian and international universities).

Single exams to meet requirements

Students graduated from Sapienza University and from other Italian and international Universities and graduands from other Italian Universities who intend to enrol in the Master of Science in Nanotechnology Engineering at Sapienza University and who do not meet all the curricular requirements may apply for single courses before enrolment. Any exams taken will not be considered as part of the first level academic path, will not be averaged, will not be a reason to request a course reduction, but will only be added to the student's career for the purposes explained above. The cases and procedures for enrolment and the amounts for individual courses are described in article 41 of the University Manifesto - Student Regulations for the academic year 2020-2021.

Further information



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The admission procedures required upon completion of the requisite assessment are indicated in art. 8 of the University Programme Manifesto, available at <https://www.uniroma1.it/en/pagina-strutturale/students>