



2020-2021 Academic Year

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

Admission to master's degree programmes in Nanotechnology Engineering requires a mastery of general scientific methods and contents in 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 by means of a bachelor's degree or a three-year university diploma in the field of the Industrial Engineering and Electronics and Telecommunications Engineering (L-7, L-8 and L-9 classes). Knowledge relating to basic scientific disciplines may be also achieved with a degree in Physical Science and Technology (L-30 class) or in Chemical Science and Technology (L-27 class). Knowledge acquired with this two latter degree typologies must be at all events integrated with suitable skills in 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:

**1. 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, ING-IND/10, ING-IND/11, ING-IND/12, ING-IND/13, ING-IND/14, ING-IND/21, ING-IND/22, ING-IND/24, ING-IND/25, ING-IND/26, ING-IND/27, ING-IND/31, ING-IND/32, ING-IND/33, ING-IND/34, ICAR/08, ING-INF/01, ING-INF/02, ING-INF/03, ING-INF/04, ING-INF/06, ING-INF/07, MAT/08 and MAT/09.

**2. 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.



### **3. 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 programme. The Programme Area Council verifies whether students meet the admission requirements and hold the basic knowledge to be admitted to the Nanotechnologies Engineering master's degree programme by assessing their academic career and the programme of courses they attended. Considering the international reach of Nanotechnologies Engineering and the fact that some courses are taught in English, a good command of oral and written English, corresponding to the B-2 level according to the CEFR (Common European Framework of Reference for Languages) is required.

#### **Personal skills**

Admission is subject to assessment of the students' personal skills, based on the grade point average obtained in the degree programme of origin; a 23/30 (twenty-three/thirtieths) grade point average is sufficient. Failing such requirement, the assessment of personal skills will be made by means of a special admission test.

#### **English language skills**

Candidates must have a good command of English, corresponding to the B-2 level according to the CEFR (Common European Framework of Reference for Languages). They are expected to undergo a test to have their English language level verified.

#### **Admission test**

Failure to meet the above admission requirements, students may be requested to undergo a written and/or oral admission test on basic topics of engineering. The programmes, performance procedures and schedule of the admission test will be available on the Programme Area Council website. Such admission test is aimed at ascertaining whether the students' knowledge is sufficient or insufficient. In this latter case, application is not allowed.

All the already acquired ECTS may be recognised if they concern courses whose contents, substantiated by the course programmes, are consistent with any of the curricula provided for by the master's degree programme.

The Programme Area Council may resolve upon the equivalence among scientific disciplinary sectors to recognise ECTS according to the contents of courses and in compliance with the Educational regulations of the master's degree programme.

The already acquired ECTS relating to courses whose contents, though with a different name, are clearly equivalent to any courses of the master's degree programme, may be recognised as relating to the courses typical of the master's degree programme which a student wishes to apply to. In this case, the Programme Area Council resolves upon recognition according to the following modalities:

- if the number of ECTS corresponding to the course for which the recognition is requested coincides with that of the recognised course, they are directly awarded;
- if the number of ECTS corresponding to the course for which the recognition is requested is different from that of the recognised course, the Programme Area Council will award ECTS according to the student's academic career and after some additional interviews, if required.



The Programme Area Council may recognise as ECTS the professional knowledge and skills certified pursuant to the regulations in force on the matter, as well as other kinds of knowledge and skills accrued in academic-level training whose planning and implementation the university has contributed to. Such ECTS are included in the 12 ECTS relating to the students' elective courses or in the ECTS acquired for optional exams. At all events, 18 are the maximum recognisable ECTS in such fields.

The activities already recognised as ECTS-awarding in a bachelor's degree programme cannot be recognised also for the master's degree programme in Nanotechnology Engineering.

## **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>.

A paying-in slip will be created, of the amount of € 10, that is at the same time application, self-certification of personal data and privacy disclaimer and shall be paid within one of the following deadlines, at students' choice:

September 14, 2020, October 14, 2020, November 13, 2020, December 14, 2020, January 13, 2021 (date reserved to Sapienza graduands 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 payment, shall register with the procedure described at the above webpage 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 a copy of the € 10 payment receipt, within the same deadline provided for the application for requisite assessment. 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 at the above webpage 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 Statement of Comparability of the degree may be replaced by the Diploma Supplement; for the latter, no translation into Italian will be required, though legalisation will remain mandatory.

The declaration of value of the upper secondary school diploma and of the degree may be replaced by the statements issued by CIMEA (<http://www.cimea.it/it/index.aspx>), including all the information usually stated in the declaration of value and which are required to assess a title of study.

- receipt of the € 10 payment for the requisite assessment;
- pre-acceptance letter.

**In compliance with the provisions issued by the competent authorities for the Coronavirus Emergency, the application procedures, such as the completion, submission and administrative control of mandatory documents will be carried out also online.**

#### **NOTICE**

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.universitaly.it/> and to write to "Hello-Foreign students office" to [accesso.sapienza@uniroma1.it](mailto: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 candidates permanently residing abroad and applying for a student visa shall undergo an Italian language test in order to apply to a study programme taught in Italian, provided that they are registered to UNIVERSITALY portal.

For the 2020-2021 academic year, the Italian language test will be performed online; for information about test registration, see <https://www.uniroma1.it/it/notizia/prova-di-lingua-italiana-le-iscrizioni-di-studenti-esteri>.

**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](mailto:verificarequisiti.studentistranieri@uniroma1.it), by attaching the following documents:

- 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>);
- 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, 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 Statement of Comparability of the degree may be replaced by the Diploma Supplement; for the latter, no translation into Italian will be required, though legalisation will remain mandatory.

The declaration of value of the upper secondary school diploma and of the degree may be replaced by the statements issued by CIMEA



(<http://www.cimea.it/it/index.aspx>), including all the information usually stated in the declaration of value and which are required to assess a title of study.

- receipt of the € 10 payment for the requisite assessment.

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For the 2020-2021 academic year, the Italian language test will be performed online; for information about test registration, see <https://www.uniroma1.it/it/notizia/prova-di-lingua-italiana-le-iscrizioni-di-studenti-esteri>.

Hello-Foreign students office will forward the submitted documentation to the person in charge at the competent Faculty.

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

**In compliance with the provisions issued by the competent authorities for the Coronavirus Emergency, the application procedures, such as the completion, submission and administrative control of mandatory documents will be carried out also online.**

#### **Graduands**

Should the Educational regulations of the study programme provide for it, also Sapienza students or students coming from other Italian universities who have not graduated yet will be allowed to apply for requisite assessment, provided that they achieve the degree within January 15, 2021 (for Sapienza students) and within December 18, 2020 (for students coming from other Italian and international universities).

#### **Single exams for the attainment of requisites**

Graduates coming from Sapienza or other Italian and international universities and graduands from other Italian universities who wish to apply to a Sapienza master's degree programme pursuant to Ministerial Decree no. 270/04 and who do not have all the needed curricular requisites, may apply to single courses before applying to the master's degree programme. The exams taken, if any, must not belong to the bachelor's degree programme, will not contribute to the grade point average and will not be used in case of applications for



programme shortening, but may be only added up to the student's career for the above mentioned purposes. All information about when and how to apply to single courses, as well as the relating amounts, is available at art. 41 of the University Programme Manifesto – Student Regulation of 2020 – 2021 academic year.

**Further information**

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/it/pagina-strutturale/studenti>.