



2021-2022 Academic Year

Admission procedures for the Master's Degree Programme
with entry requirement and academic knowledge assessment in:

Data Science

Programme taught in English

**Faculty of Information Engineering, Computer Science and
Statistics**

LM-91 class; code to be indicated on Infostud: 29942

Admission requirements

To be admitted to the master's degree programme in Data Science, students must have the needed curricular requisites and a suitable academic knowledge.

Curricular requisites

The curricular requisites are as follows:

(a) a bachelor's degree, a three-year university diploma or any other suitable title of study got abroad;

(b) at least 90 ECTS in the overall scientific disciplinary sectors as follows:

- Mathematics and computer science: MAT/* and INF/01
- Physical sciences: FIS/*
- Economic and statistical sciences: SECS-P/* and SECS-S/*
- Industrial and information engineering: ING-IND/* and ING-INF/*
- Biological sciences: BIO/*
- Legal sciences: IUS/*

(c) English language skills (B-2 level or higher).

(d) Non-EU candidates permanently residing abroad and who apply for a student visa for the 2021-2022 academic year must hold a pre-acceptance letter ([Online Preselection Application – Sapienza University of Rome \(uniroma1.it\)](#)).

Such curricular requisites ensure admission to this degree programme for all students who have achieved the bachelor's degree in the L-8 (Information engineering), L-31 (Computer science and technology) and L-41 (Statistics) degree classes as well as in the L-18 (Economics and business administration), L-30 (Physical science and technology), L-33 (Economic sciences) and L-35 (Mathematical sciences) degree classes and in the corresponding classes pursuant to Ministerial Decree no. 509/1999.

Admission procedures:

(A) In lack of requisites (a) and (b), enrolment in the degree programme is not allowed.

(B) The academic knowledge of students having requisites (a) and (b) will be assessed according to the results achieved in their academic career and in the title of study submitted to enrol in this master's degree programme.

In particular, the students' academic knowledge will be assessed with regard to the following topics:



1. Mathematics: Differential and integral calculus for functions of one or more real variables; basics of linear algebra and analytic geometry in a plane or space;
2. Probability: Aleatory variables, distributions and expected values; main models of aleatory variables; convergence in successions of aleatory variables;
3. Computer science: Principles of programming; at least one programming language among C, C++, C#, Java, Python.

The possession of the above knowledge will be ascertained by a special committee appointed by the Educational Board, which will automatically approve the admission to the master's degree programme of students who have acquired at least:

1. 12 ECTS in the MAT/03 (Geometry) and MAT/05 (Mathematical analysis) scientific disciplinary sectors;
2. 6 ECTS in the MAT/06 (Probability) scientific disciplinary sector;
3. 6 ECTS in the INF/01 (Computer science) or ING-INF/05 (Information system processing) scientific disciplinary sectors.

Students who do not have acquired the above ECTS must undergo an interview to have their knowledge assessed.

(C) Students who do not have a B-2 level English language certification or who do not have acquired at least 3 ECTS in English language (or even a qualification) will have to undergo an interview for the assessment of their English language skills.

Admission procedures

Payment of fee

The application form for the entry requirement assessment must be generated from Infostud according to the procedures described at <https://www.uniroma1.it/en/pagina/infostud-platform>.

A € 10.00 fee will be generated, that is at the same time application, self-certification of personal data and privacy disclaimer, to be paid by means of PagoPA within one of the following deadlines, at students' choice:

September 15, 2021, October 14, 2021, November 15, 2021, December 15, 2021, January 17, 2022 (date reserved to Sapienza graduands and graduates).

Payment must be made by means of PagoPA only. Further information is available at <https://www.uniroma1.it/en/pagina/payment>.

The result of the entry requirement 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 paying the € 10.00 fee, must register with the procedure described at the above webpage.

After payment has been made, they must submit by email to the Data Science Student Affairs Office, to datascience@i3s.uniroma1.it, a self-certification of the degree achieved with the indication of the degree class, the list of the exams taken, of the scientific disciplinary sectors corresponding to the courses and the payment receipt of € 10.00 fee, within the same deadline provided for the application for entry requirement assessment.



Failure to submit the statement of the students' careers or to be successful in the curricular requisite assessment will impair the enrolment in that specific degree programme.

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

Students coming from foreign universities and holding a foreign degree, before paying, must register with the procedure described at the above webpage and complete their application by submitting to Hello - Foreign Student Office, to studentistranieri@uniroma1.it, an original copy of the following mandatory documentation in a single pdf file:

- a valid identity document (for everyone);
- a "University enrolment" student visa for the 2021-2022 academic year issued by the Italian Embassies or Consulates of the last country of residence and the receipt of the first application for residence permit (only for non-EU candidates permanently residing abroad and applying for a visa);
- a valid residence permit or, failing this, the application receipt for its renewal (only for non-EU candidates legally residing in Italy);
- a university degree (achieved after at least fifteen years of school attendance, out of which at least three at university level), together with the transcript of records issued by the university, with its sworn translation into Italian or into English, and accompanied by the Statements of Comparability and Verification issued by CIMEA (<https://cimea.diplo-me.eu/sapienza/#/auth/login>). Upon request of the above Statements of Comparability and Verification on the diploME webpage at <https://cimea.diplo-me.eu/sapienza/#/auth/login>, candidates must upload the documents relating to their full school career, including the upper secondary school diploma, so as to obtain a full assessment of their entire career;
- receipt of the € 10.00 payment for the entry requirement assessment;
- pre-acceptance letter ([Online Preselection Application – Sapienza University of Rome \(uniroma1.it\)](#)).

Should Hello - Foreign Student Office deem it necessary to carry out a further verification, the following documents will also be required:

- upper secondary school diploma (achieved after at least twelve years of school attendance) accompanied by its sworn translation into Italian or into English and by the Statements of Comparability and Verification issued by CIMEA (<https://cimea.diplo-me.eu/sapienza/#/auth/login>).

In replacement of the Statement of Comparability, candidates may submit the Declaration of Value issued by the Italian Embassies or Consulates of the country in which each title of study has been achieved. In such event, the titles of study submitted, including the transcript of records, must be always legalised or apostilled. It is mandatory to submit a Declaration of Value per each title: one for the upper secondary school diploma and one for the university degree. A single Declaration of Value may be issued only if the two titles of study belong to the same academic system and if the declaration carries the value of them both.

If the university degree has been issued in English and candidates intend to enrol in an English degree programme, no translation into Italian will be required, though submission of the Statement of Verification issued by CIMEA (<https://cimea.diplo-me.eu/sapienza/#/auth/login>), legalisation or affixation of apostille will remain mandatory.

The Statement of Comparability or the Declaration of Value of the university degree may be



replaced by the Diploma Supplement; for the latter, no translation into Italian will be required, though legalisation will remain mandatory.

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.

PLEASE NOTE

Further to the provisions in force for the 2021-2022 academic year at <https://www.studiare-in-italia.it/studentistranieri/>, non-EU candidates permanently residing abroad and applying for a student visa must mandatorily pre-enrol on UNIVERSITALY portal at <https://www.universitaly.it/>. With regard to this call for applications, the mandatory deadline to submit a pre-enrolment application on UNIVERSITALY portal at <https://www.universitaly.it/> to obtain Sapienza student visa is **August 31, 2021**, under penalty of application rejection and of exclusion from the admission procedures.

Upon registration on UNIVERSITALY portal, moreover, **non-EU candidates permanently residing abroad who apply for a student visa must hold a pre-acceptance letter and pay the € 10.00 registration fee for the entry requirement assessment, within the deadline indicated in this call for applications, under penalty of application rejection, of exclusion from the admission procedures and from enrolment.**

For any information about pre-enrolment applications, please write to Hello - Foreign Student Office to accesso.sapienza@uniroma1.it.

Once the administrative controls have been performed, Hello - Foreign Student Office reserves the right to request any further documentation, if needed.

EU candidates and non-EU candidates legally residing in Italy as per art. 26 of Law no. 189/2002 coming from foreign universities and holding a foreign degree without a pre-acceptance letter.

In lack of a pre-acceptance letter, the above mentioned candidates only, before paying, must register with the procedure described at the above webpage and write to Hello-Foreign Student Office to verificarequisiti.studentistranieri@uniroma1.it, by attaching the following documents:

- a valid identity document (for everyone);
- a valid residence permit or, failing this, the application receipt for its renewal (only for non-EU candidates legally residing in Italy);
- a university degree (achieved after at least fifteen years of school attendance, out of which at least three at university level), together with the transcript of records issued by the university, with their sworn translation into Italian or into English, and accompanied by the Statements of Comparability and Verification issued by CIMEA (<https://cimea.diplo-me.eu/sapienza/#/auth/login>).

Upon request of the above Statements of Comparability and Verification on the diploME webpage at <https://cimea.diplo-me.eu/sapienza/#/auth/login>, candidates must upload the documents relating to their full school career, including the upper secondary school diploma, so as to obtain a full assessment of their entire career;

- a copy of the degree 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 or into English. For such document, no sworn translation is required.

- receipt of the € 10.00 payment for the entry requirement assessment.

In replacement of the Statement of Comparability, candidates may submit the Declaration of Value issued by the Italian Embassies or Consulates of the country in which each title of study has been achieved.

In such event, the titles of study submitted, including the transcript of records, must be always legalised or apostilled. It is mandatory to submit a Declaration of Value per each title: one for the upper secondary school diploma and one for the university degree. A single Declaration of Value may be issued only if the two titles of study belong to the same academic system and if the declaration carries the value of them both.

If the university degree has been issued in English and candidates intend to enrol in an English degree programme, no sworn translation into Italian will be required, though submission of the Statement of Verification issued by CIMEA, legalisation or affixation of apostille will remain mandatory.

The Statement of Comparability or the Declaration of Value of the university degree may be replaced by the Diploma Supplement; for the latter, no translation into Italian will be required, though legalisation will remain mandatory.

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.

Once the administrative controls have been performed, Hello - Foreign Student Office reserves the right to request any further documentation, if needed.

Graduands

Should the Programme Regulations provide for it, also Sapienza students or students coming from other Italian universities who have not graduated yet may apply for the entry requirement assessment, provided that they achieve the degree within January 15, 2022 (for Sapienza students) and within December 18, 2021 (for students coming from other Italian and foreign universities).

Single exams for the attainment of requisites

Graduates coming from Sapienza or other Italian and foreign universities and graduands from other Italian universities who intend to enrol in a Sapienza master's degree programme pursuant to Ministerial Decree no. 270/04 and who do not have all the needed curricular requisites, may enrol in single courses before enrolling in the master's degree programme. The exams taken, if any, cannot be chosen among those of the bachelor's degree programme, will not contribute to the grade point average and will not be used in case of application 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 Student Regulations for the 2021 – 2022 academic year.



Further information

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