



SAPIENZA
UNIVERSITÀ DI ROMA

2020-2021 Academic Year

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

Data Science

Course taught in English

Faculty of Information Engineering, Informatics 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 the suitable personal skills.

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 at B-2 level or higher.

Such curricular requisites ensure admission to this study 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), application to the study programme is not allowed.

(B) The personal skills 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 apply to the master's degree programme.

In particular, the students' personal skills will be assessed with regard to the following knowledge:

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 verified by a special committee appointed by the Programme Area Council, 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 certificate 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

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 send by email to datascience@i3s.uniroma1.it (favourite) or submit to the Educational Affairs Office of the study programme a self-certification of the degree achieved with the list of the exams taken and of the scientific disciplinary sectors corresponding to the courses, a copy of the € 10 payment receipt and a copy of the identity document, 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.

Address and opening hours of the Educational Affairs Office:

Educational Affairs Office of the DIET Department of Information Engineering, Electronics and Telecommunications)

Via Eudossiana, no. 18

Piga Building (Unicredit bank)

II floor, room 211

Opening hours: Monday, Wednesday, Friday: 10:00 a.m. – 12:00 p.m.

Tuesday and Thursday by appointment only

Email: nicola.argenti@uniroma1.it

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.

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 shall write to Hello-Foreign students office to 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.

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" at accesso.sapienza@uniroma1.it.

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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>.