



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

School of Science

Admission notice, Academic Year 2019-2020

Summer selection for EU, equivalent or non-EU citizens staying in Italy. Second-cycle/Master's degrees with limited places taught in English

Data Science

Class LM-91 - Class of Second-cycle/Master's degrees in Methods and techniques for the information society

Physics of Data

Class LM-17 - Physics

NB: Contents is clickable and linked to the corresponding paragraphs to help you browse this document. Please pay attention to the information in the present admission notice.

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1. SECOND-CYCLE/MASTER’S DEGREE COURSE, PLACES AVAILABLE AND ADMISSION REQUIREMENTS

1.1 Second-cycle/Master’s degree course and places available

Enrolments for Academic Year 2019-2020¹ of the Second-cycle/Master’s degree courses with limited places of the School of Science are now open as per the following table:

Second-cycle/Master’s degree	Places for EU citizens and non-EU citizens legally staying in Italy	Places for non-EU citizens staying abroad (some of which for Chinese students on the Marco Polo programme)
Data Science	40	No places available for this selection
Physics of Data	30	No places available for this selection

1.2 Admission requirements

To enrol in this Second-cycle/Master’s degree courses, applicants need to:

- 1) have a First-cycle/Bachelor’s **degree** or a three-year Italian Diploma Universitario or other foreign degree recognised by current legislation (<https://www.unipd.it/iscrizioni-studenti-internazionali>), earned by **28th September 2019** or, should any places remain vacant, by **31st December 2019**;
- 2) **Specific curricular requirements** set by the Course (see annex 1 of this admission notice) will be checked by filling in the online pre-enrolment application form and the minimum curricular requirement assessment request (see section 2), if necessary.
- 3) a good position on the merit list, as set forth in the table in Annex 1.

The full sheets on the Degree courses are available at <https://didattica.unipd.it/off/2019/LM/ME> by selecting the relevant course.

¹ Activation of the first year of the degree course depends on accreditation pursuant to M.D. 6/2019 “Self-assessment, assessment, initial and recurring accreditation of degree course campuses” and until the minimum number of pre-enrolments is reached. If the degree courses are not accredited or the number of pre-enrolment applications is less than 15 (5 for each course track), the degree course will not be activated. We would like to point out that so far the course has always met these conditions. All information on course activation will be published at <http://www.unipd.it>.

The normal duration of the courses is 2 years at the end of which students have 120 University Credits (CFU) and have a Second-cycle/Master's degree in the degree course they have chosen.

Students with disability or specific learning disability (SLD) may contact the **Student Service Office - Inclusion** (<http://www.unipd.it/accoglienza-prove-ingresso>) to report any special needs they may have or to enquire about tuition fee reductions and services available for support in relation to class attendance.

1.3 Part-time enrolment

All participants who, for work or family commitments or for health reasons, believe they can devote only a part of their time to study, can apply for enrolment under a **part-time study scheme**; the information is available at <http://www.unipd.it/studiare-tempo-parziale>.

2. MINIMUM CURRICULAR REQUIREMENTS

To enrol in one of the Second-cycle/Master's degree courses listed in section 1, candidates must meet specific curricular and educational background requirements, pursuant to art. 6, par. 2 of MD no. 270/04.

Minimum curricular requirements and the criteria to assess how prepared the candidate is are outlined in depth in Annex 1; the procedure followed to assess the candidate is described in section 3.3

3. REGISTRATION, PRE-ENROLMENT AND POSSIBLE ASSESSMENT OF MINIMUM CURRICULAR REQUIREMENTS

The application form for the selection must be filled in by 12:00 of 2nd September 2019

3.1 Registration

To log on to the portal, candidates with no credentials first need to register by going to <https://uniweb.unipd.it/AddressBook/ABStartProcessoRegAction.do>

At the end of the registration process each candidate will be emailed a username and activation code. The candidate will then need to go to <https://uniweb.unipd.it/password/index.php/it/utenti/identifica/azione/a> , choose three security questions and set a password.

The candidate's username and password will then need to be used to log on to and access the registered area of the <https://uniweb.unipd.it> portal.

3.2 Pre-enrolment application

The pre-enrolment application form must be filled in **from 17th June to 12.00 of 2nd September 2019** by logging on to the reserved area of the <https://uniweb.unipd.it> portal.

After logging in, candidates need to *click on Home → Evaluation Test → Proceed with a new pre-enrolment → Pre-enrolment for limited places → Course Type: 'Second cycle degree'* selecting the desired course and proceeding until final confirmation.

The application also requires candidates to add the degree to be used to access the course they are interested in, if it is not already in the system. Please note that students about to graduate from the University of Padova may complete the pre-enrolment process only after they have submitted online the application form to graduate.

After final confirmation of the application candidates need to print the summary in which the place and date of the test are specified and pay the € 30.00 pre-enrolment fee through the PagoPA system (instructions available at <http://www.unipd.it/modalit-pagamento-pagopa>) or using the MAV payment form (in any Italian bank).

After the deadline of 12.00 of 2nd September 2019, the link will be deactivated and it won't be possible to submit any other applications or amend any choices made.

The service may be temporarily unavailable during maintenance operations.

If candidates encounter any difficulties during the online process, they may write an email to immatricolazioni.studenti@unipd.it or telephone the University Call Centre from Monday to Friday from 9.00 to 17.00 at **049/8273131**.

All information on the IT kiosks available to applicants who require help with the enrolment process will be published at <https://www.unipd.it/immatricolazioni> .

3.3 Assessment of minimum curricular requirements and how the score for the merit list is calculated

Candidates must also fill in the PDF form for the assessment of the minimum curricular requirements which is available at <http://www.unipd.it/domanda-valutazione> , including a self-certification on the exams taken which may be deemed useful in order to be admitted to the

course. The form must be handed in to the Front Office of the Student Career Service in Lungargine del Piovego 2/3, - 35131 Padova **no later than 2nd September 2019**, together with:

- copy of the summary of the pre-enrolment form/s completed online;
- photocopy of an ID document;
- proof of payment (MAV or bank transfer receipt if they paid using the PagoPA system) of € 30.00.

These documents can also be sent by recorded delivery letter, but only requests for the assessment of minimum curricular requirements **received** by the Front Office of the Student Career Service in Lungargine del Piovego 2/3, - 35131 Padova, **by 2nd September 2019 at the latest** will be accepted and taken into consideration.

For Second-cycle/Master's degree courses of the School of Science which have a B1 or B2 knowledge of English among their minimum curricular requirements, further information on how the assessment is carried out will be published at

http://www.scienze.unipd.it/index.php?id=inglese_ingresso_lm

IMPORTANT: Candidates are expected to attach the programme of the course units studies or supply a web link where these programmes are listed; such link may be specified on page 5 of the form to request the assessment of the minimum curricular requirements, under the "Misc." section.

For Second-cycle/Master's degree courses of the School of Science which have a B1 or B2 knowledge of English among their minimum curricular requirements, further information on how the assessment is carried out will be published at

http://www.scienze.unipd.it/index.php?id=inglese_ingresso_lm

4. ACADEMIC TRANSFER CREDIT EVALUATION

For the purpose of evaluating credits gained in previous university careers, for Academic Year 2019/2020 candidates must submit their pre-enrolment application as per section 3.2 and the request to assess their minimum curricular requirements. This form is available at <http://www.unipd.it/domanda-valutazione> .

In its decision, the Commission will state the year of admission and any academic transfer granted.

5. PUBLICATION OF MERIT LISTS, ENROLMENT PROCEDURES AND RE-ASSIGNMENTS FOR CURRENT YEAR GRADUATES

5.1 Enrolment procedures for students who graduate by 28th September 2019

The overall merit list will be published at <http://www.unipd.it/graduatorie-ammissione> from **16th September 2019**.

Candidates who have not graduated yet are admitted (or considered eligible) pending verification of their qualifications with the minimum score allowed.

Publication of the merit list will act as official notification to all concerned parties.

Should more candidates have the same merit, the youngest candidate will be given priority.

The enrolment form must be submitted on the candidate's reserved area on Uniweb **no later than 12.00 of 23rd September 2019**.

Candidates will then have to enrol following the general procedures available at <http://www.unipd.it/graduatorie-ammissione>.

Should any vacant places remain, enrolments will continue by direct call by the Enrolment Office of the Student Career Service following the order on the merit list.

Acceptance of the place and completion of the enrolment process must follow the procedures and deadlines set by the Student Career Service; failure to follow the procedures and meet the deadlines to complete the enrolment will be considered as **dropping out**.

5.2 Enrolment procedures for students who graduate by 31st December 2019

A new merit list will be drawn up during the same year for vacant places; in order to complete for the new merit list, students from other universities who graduate during the same year must update their information on the qualification they have in their personal area on Uniweb and notify the University of Padova of having done so by sending an email to scienze@unipd.it

This merit list will be published **on 10th January 2020** at <http://www.unipd.it/graduatorie-ammissione>.

The enrolment application must be completed following the instructions which will be made available when the merit list is published, **no later than 17th January 2020**.

Please note that the Enrolment Office of the Student Career Service in Lungargine del Piovego 2/3, - 35131 Padova will be responsible for dealing with enrolments done during the same year.

5.3 Change of course procedures or transferring from another university

Please note that candidates must respect the deadlines set in section 5.1/ 5.2 for all the procedures listed below

5.3.1 Procedure to change course – for candidates already enrolled in another degree course of the University of Padova who want to change course

(if they wish to interrupt their studies, candidates need to submit the appropriate form to the university and then a new enrolment application following the procedure outlined in sections 5.1/5.2). These candidates need to submit the application to change course (forms available at <http://www.unipd.it/trasferimenti-cambi-corso-sede>) to the Enrolment Office - Student Career Service (<https://www.unipd.it/immatricolazioni>); their application will be accepted only after payment of the first instalment of the university fees for A.Y. 2019/20 is received.

5.3.2 Procedure to transfer from another university: for candidates already enrolled in a different degree course of another university who intend to continue their university career by changing course

(if they wish to interrupt their studies, candidates need to submit the appropriate form to their university of origin and then a new enrolment application at the University of Padova following the procedure outlined in sections 5.1/5.2).

These candidates need to:

- 1.- collect the permission to enrol at the Enrolment Office - Student Career Service (<https://www.unipd.it/immatricolazioni>).
2. Submit a transfer request to their university of origin
3. They then have to go back to the Enrolment Office - Student Career Service (<https://www.unipd.it/immatricolazioni>) to complete the enrolment process. They must bring the receipt of the transfer request and of the enrolment application done online showing they have met the deadlines.

6. FOREIGN STUDENTS AND ITALIAN STUDENTS WITH A FOREIGN DEGREE

Foreign and Italian students with a foreign qualification are admitted as per the provisions set forth by the Ministry of Education, Universities and Research which are available at <http://www.studiare-in-italia.it/studentistranieri/>, pending passing the tests given.

EU and non-EU candidates staying in Italy will be admitted to the test subject to the verification of their qualifications and residence permit. If they pass the test, to complete their enrolment

process they need to attach to their enrolment application the documentation listed at the following page <https://www.unipd.it/iscrizioni-studenti-internazionali>.

7. PERSON IN CHARGE OF THE PROCEDURE, PERSONAL DATA, NOTES AND WARNINGS

1) Pursuant to art. 4 of law 241 of 7 August 1990 (New norms on administrative procedures and right to access administrative documents) and following amendments, the President of the Assessment Commission is appointed to oversee the administrative procedure.

2) The person in charge of the Procedure to access the records is Dr. Roberta Rasa, Head of the Student Career Service. Candidates may exercise their right to access the competition records following the procedures set forth by Presidential Decree no. 184 of 12th April 2006.

3) Same-time enrolment: information on same-time enrolment can be viewed at <http://www.unipd.it/avvisi-ammissione-corsi>.

4) Regulations in place on statements: should false or mendacious statements by the candidate emerge, it being understood the sanctions provided for by the criminal code and special laws in place (art. 75 and 76 of presidential decree 445/2000), the candidate will be unenrolled automatically. The University will seek to be refunded for any benefits (e.g. scholarships) given to the candidate and will not reimburse any of the university fees paid by the candidate. The mendacious statement will also entail compensation for damages by the parties involved.

Further information on our privacy policy and regulations in place for enrolments is available at <http://www.unipd.it/avvisi-ammissione-corsi>.

Any amendments or additions to the content of this admission notice will be:

- ◆ published on the Official University Register;
- ◆ published on the university web pages at <http://www.unipd.it/avvisi-ammissione-corsi>.

Current regulations in place apply in relation to any issues not expressly addressed in this admission notice.

Padua, 23/05/2019 The Rector

Prof. Rosario Rizzuto

Digitally signed pursuant to legislative decree 82/2005.

ANNEX 1 - MINIMUM CURRICULAR REQUIREMENTS AND HOW THE SCORE FOR THE MERIT LIST IS CALCULATED

“DATA SCIENCE”

Admission requirements and educational background

To be admitted to the course, basic knowledge of the following subjects is required:

- a) Mathematics. Differential and integral calculus for functions of one or more real variables. Numerical sequences and infinite sums. Basic notions of linear Algebra. Basic notions of Probability, including random variables, mean value, Central Limit Theorem.
- b) Computer Science Programming in high level language (e.g. Java, C, C++, Python). Notions of computer architecture and organisation: CPU, memory, peripherals, networks, operating system. Algorithms and elementary data structures.

This knowledge is verified by the achievement of:

- 1) a given number of university credits in the following scientific areas (SSD):

University credits	SSD
12	MAT/01-09; SECS-S/01; SECS-P/06
8	INF/01; ING-INF/05

- 2) final mark of the degree taken into consideration to enrol of at least 85/110 or equivalent;

- 3) a careful analysis of the academic records, in particular the contents of the courses in Mathematics and Computer Science

- 4) exam grades

- 5) B2 level of English (speaking and listening skills).

The merit list will be drawn up following assessment as per sections 3) and 4).

For candidates with a foreign degree, the academic requirements are verified by the admission commission.

Should it not be possible to assess directly the equivalence of the degree or the equivalence of the final mark of the foreign degree with the Italian system and whether requirements are met, the admission commission will evaluate the overall academic records of the applicant.

At the end of the process, the Commission will decide whether or not the candidate meets the curricular requirements and has an adequate educational background. A merit list will then be drawn up.

Further information on the degree course is available at: <http://didattica.unipd.it/off/2019/LM/SC/SC2377>
For general enquiries about the course, please contact: scienze@unipd.it