

DIPARTIMENTO DI MATEMATICA "TULLIO LEVI-CIVITA"

via Trieste 63
35121 Padova
tel +39 049 8271200
fax +39 049 8271499
dipartimento.math@pec.unipd.it
CF 80006480281
P.IVA 00742430283

Prot. 205..... - Tit. III..... cl. ...2.. fasc. 2.....

CALL FOR APPLICATIONS N. 2/2024 FOR 5 PLACES IN THE FRAMEWORK OF DATA SCIENCE DOUBLE DEGREE WITH THE UNIVERSITAT POLITÈCNICA DE CATALUNYA, BARCELONA, SPAIN, FACULTAT D'INFORMÀTICA DE BARCELONA (FIB)

a.y. 2024/2025

Foreword: The official source of the Call is "Bando di concorso n. 2/2024 per 5 posti per l'iscrizione al curriculum di doppio titolo in Data Science con la Universitat Politècnica de Catalunya, Barcelona, Spain, Facultat D'Informàtica de Barcelona (FIB)" in Italian. This translated version is intended only for a better comprehension. For legal purposes, the parties should refer only to the Italian version of the call.

Art. 1 – Available places

The Tullio Levi-Civita Department of Mathematics of the University of Padua, in the framework of the agreement signed with the Universitat Politècnica de Catalunya, Barcelona, Spain, Facultat D'Informàtica de Barcelona (FIB), announces a call for applications for the assignment of 5 places for the double degree programme called in Padua Trans Mediterranean Data Science – TMDS *curriculum*, reserved for those who have the requirements for enrolment in the Master's Degree in Data Science at the University of Padua.

TMDS is a double degree programme of 120 ECTS (2 years), of which 60 ECTS are obtained at the home University and 60 ECTS are obtained at the partner institution in Spain.

Art. 2 – Admission requirements

Requirement necessary to participate in the selection will be:

- A) Students who, at the end of the call, are regularly enrolled for the academic year 2023/2024 in a degree that allows access to the Master's Degree in Data Science at the University of Padua in accordance with the teaching regulations of the Master's Degree course itself, and who have obtained at least 120 ECTS at the expiring date of the call. Students admitted

with this requirement will have to enrol, after the selections, in the Master's Degree in Data Science within the deadlines set by the Academic Senate.

- B) Graduates who meet the curricular requirements for enrolment in the Master's Degree in Data Science at the University of Padua for the academic year 2024/2025. Graduates admitted with this requirement will be required to be regularly enrolled in the Master's Degree in Data Science by the deadline set by the University of Padua.

Selected students can't be simultaneously enrolled to a second higher education course.

The knowledge of English level C1 (assessed during the interview) is also mandatory.

Two reference letters will be considered preferential requirements.

Art. 3 – Application procedure and form

The application form, in unstamped paper, must follow the template attached to the present announcement (Annex A). It must be duly signed by the candidate and must be submitted **no later than 12:00 p.m. (CEST) on the 13th May, 2024** in one of the following forms:

- by certified e-mail (PEC) at the address dipartimento.math@pec.unipd.it signed with digital signature on each document;
- by certified e-mail (PEC) at the address dipartimento.math@pec.unipd.it sending a copy of the application with autograph signature, together with a copy of the identity document of the subscriber. Copies of these documents must be scanned;
- by e-mail at the address didattica@math.unipd.it sending a copy of the application with autograph signature, with a copy of the identity document of the subscriber. Copies of these documents must be scanned.

For applications sent by certified e-mail (PEC) the return receipt will be sent automatically by the PEC manager; whereas for applications sent by e-mail, the return receipt will be sent by the Department of Mathematics Secretariat. The candidate shall indicate in the message object the following: "BANDO DI CONCORSO N. 2/2024 PER 5 POSTI PER IL DOPPIO TITOLO IN DATA SCIENCE – TMDS".

Electronic submission must be in static formats and not directly modifiable, without macroinstructions and executable codes, PDF/A format is suitable. In any case, the maximum files size is 50 MB. Applications received after the deadline will not be accepted.

The application form template is also available at the link www.math.unipd.it/news/borse-outgoing/.

Under penalty of exclusion, the interested party must attach to the application all the following documents:

- for case A referred to in art. 2: self-certification relating to enrolment in the First Level Degree course with the list of exams taken, the relative marks, credits and weighted arithmetic mean;
- for case B pursuant to art. 2: self-certification relating to the First Level qualification with the indication of the exams taken, the relative marks, credits, weighted arithmetic mean and the relative degree mark;

for both cases:

- European *curriculum vitae* in English (available at the link europass.cedefop.europa.eu/);
- copy of a valid identity document;
- any self-certifications or certificates of knowledge of the English language.

Incomplete applications due to lack of data and/or required documents will not be considered valid and candidates will not be admitted to the selection.

If reference letters are produced, they must be **sent by the Professor** to the email address didattica@math.unipd.it **no later than 12:00 p.m. (CEST) on the 13th May, 2024.**

Letters received after the deadline or attached or sent by other means will not be considered.

Art. 4 – Selection criteria

Suitable applications will be judged by a specific Committee which will assess the applications submitted according to the following criteria:

- list of exams taken, relative marks, credits and weighted arithmetic mean;
- *curriculum vitae*;
- reference letters;
- interview, in which the level of knowledge of the English language and the candidate's motivation for participation in the international course will be assessed.

Art. 5 – Merit rankings

The Committee has 100 points for the evaluation of the candidates,

The evaluation scores will be divided as follows:

- average of the exams taken during the Degree course, reference letters and *curriculum vitae*: maximum 60 points;
- interview: maximum 40 points.

At the end of the qualifications assessment (list of exams taken, related marks and credits, reference letters and *curriculum vitae*), a partial ranking will be drawn up for admission to the interview, which can be held also online and which will be communicated to candidates via e-mail and published on the Department website at the link www.math.unipd.it/news/borse-outgoing/.

Only candidates who have obtained a minimum score of 40 or more in the qualifications assessment (list of exams taken, related marks and credits, reference letters and *curriculum vitae*) will be admitted to the interview.

The date of the interview will be communicated with the publication of ranking list. The interview could be carried out electronically via Zoom or in person.

Candidates who do not present themselves to the selection will be automatically excluded from the selection.

At the end of the proceedings, the Commission produces a general provisional ranking based on the sum of the scores obtained. With the same merit and qualifications, the preference is determined by the minor age. Candidates must achieve a minimum overall score of no less than 70 to be included in the ranking.

The rankings will be published on the Department website at the link www.math.unipd.it/news/borse-outgoing/ and will represent the only mean of advertising. No personal written or telephone communications will be made. In case of waiver, the winning candidate will be succeeded by the suitable candidate who follows in the ranking.

Winners are required to notify to the email address didattica@math.unipd.it their acceptance and successful enrolment in the Master's Degree in Data Science for the academic year 2024/2025 within 15 days from the deadline for registration indicated by the admission notices.

Failure to communicate with the aforementioned procedure and within said term will be considered as waiver to the position.

Art. 6 – Scholarships

Students usefully placed in the ranking list will receive for the academic year 2025/2026 a grant corresponding to the Erasmus+ exchange scholarship for the number of days actually spent at the host university, up to a maximum of 12 months (360 days). The sum could be increased with other economic integrations provided by national or regional legislation or by the University itself. This grant is subject to the maintenance of the requirements for participation in the program, in particular students must acquire at least 40 CFU of the Data Science – TMDS *curriculum* in the a.y. 2025/2026.

Before departure, winners will sign a financial contract in which sums and methods of contribution are specified.

Mobility grants are to be considered as a contribution to the greater expenses related to the stay abroad. The enjoyment of the scholarship is linked to the effective participation in the project and the achievement of the two final degrees.

Selected students are exempted from paying fees at the host university, but they should be regularly enrolled at the University of Padua and therefore continue to pay its fees.

Art. 7 – Study plan

In agreement with the Professors of the University of Padua and with the host University, selected students must prepare and have approved, before departure, a study plan to be carried out abroad (Learning Agreement) in compliance with the provisions of the Data Science – TMDS *curriculum*, and, only if necessary, it must be promptly updated after departure.

In order to obtain the double degree, students participating in the program must acquire 120 credits overall (60 in Padua, 60 in Barcelona). The exams scheduled in the course are reported in Annex B of this announcement. Lessons and exams in both universities will be held in English.

Padova, 19/01/2024

Il Direttore del Dipartimento

Prof. Bruno Chiarellotto



