

Prot. 2686 – Tit. 11 cl. - fasc. 22

CALL FOR APPLICATIONS N. 8/2023 FOR 2 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. 2023/2024

Foreword: The official source of the Call is "Bando di concorso n. 8/2023 per 2 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 - Places available

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 curriculum "TMDS", reserved for those who have the requirements for enrollment 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 2022/2023 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 enroll, 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 enrollment in the Master's Degree in Data Science at the University of Padua for the academic year 2023/2024. 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.

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 appended to the present announcement (attached A). It must be duly signed by the candidate and must be submitted no later than **12:00 pm (CEST) on 5 December 2023** in one of the following forms:

- Via certified email (PEC) to the address dipartimento.math@pec.unipd.it. The application can be signed with a digital or handwritten signature and must be sent together with a copy of the signer's ID document. The digital or handwritten signature must also be affixed to all documents that require a signature (CV and self-certifications).
- Via email to didattica@math.unipd.it. The application can be signed with a digital or handwritten signature and must be sent together with a copy of the signer's ID document. The digital or handwritten signature must also be affixed to all documents that require a signature (CV and self-certifications).

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 NR 8/2023 PER 2 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 this link <https://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 enrollment in the First Level Degree course with the list of exams taken and the relative marks and credits;
- 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 and credits and the relative degree mark;
- for both cases:
 - European *curriculum vitae* in English (available at the link <https://europass.cedefop.europa.eu/>);
 - copy of an identity document;
 - any self-certifications or certificates of knowledge of the English language.

Incomplete applications for lack of data and/or documents required 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 **12.00pm (CEST) on December 5th, 2023**. Letters received after the deadline or attached or sent to other ways will not be considered.

Art. 4 - Selection criteria

Applications suitable will be judged by a specific commission which will evaluate the applications submitted according to the following criteria:

- list of exams taken, relative marks and credits;
- 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 commission 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 evaluation (list of exams taken, relative marks and credits, reference letters and curriculum vitae), a partial ranking will be drawn up for admission to the interview which can be carried also electronically and which will be communicated to candidates via e-mail.

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

The **interview** could be carried out electronically via Zoom or in person on **December 14, at 15:30 (CEST)**. Candidates who do not present themselves to the selection will be automatically excluded from the selection.

At the end of the works, the Commission formulates 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 not less than 60 to be included in the ranking.

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

The winners are required to notify by email their acceptance and successful enrollment in the Master's Degree in Data Science by December 20, 2023.

Failure to communicate in the manner indicated will be considered as renunciation.

Art. 6 - Scholarships

Students usefully placed in the ranking list will receive for the academic year 2024/2025 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 funding is subject to the maintenance of the requirements for participation in the program, in particular students must acquire at least 40 CFU of Data Science - TMDS curriculum in the academic year 2023/2024.

Before departure, the 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 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, the 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 when 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 Paris). The exams foreseen by the course are reported in the annex B of this announcement.

Exams at both universities will be provided in English.

Padua, 27/11/2023

The Director of Department

Prof. Bruno Chiarotto

