

NOTICE No. 002/2026

SELECTION OF CANDIDATES FOR THE DOCTORAL PROGRAM

ADMISSION – SECOND SEMESTER OF 2026

The Graduate Program in Mathematics (PPGM) of the Federal University of Paraná (UFPR), in the exercise of its legal and regulatory duties, and considering the resolutions of the 170th Meeting of the Program Committee held on April 17, 2026, hereby announces this public notice for the selection of candidates to the Academic Doctoral Program, with admission in the second academic semester of 2026.

1. GENERAL PROVISIONS

1.1. The selection process shall be governed by this notice, by the Internal Regulations of the PPGM, and by UFPR Resolutions No. 05/26-CEPE and No. 02/2025-CEPE.

1.2. Applications will be accepted from **May 4, 2026, to June 8, 2026**, exclusively through the electronic system available at: <https://ppgm.ufpr.br/>

1.3. After the approval of applications, the Selection Committee will be appointed, and its composition will be disclosed in a specific notice.

1.4. The Selection Committee shall consist of three full members and two alternates.

1.5. All official communications regarding the selection process will be published exclusively on the PPGM website.

2. NUMBER OF POSITIONS

2.1. Up to **10 (ten) positions** will be offered for the Doctoral Program.

2.2. The PPGM reserves the right not to fill all the positions offered.

2.3. The positions are distributed among the following areas of concentration:

- Algebra
- Numerical Analysis
- Differential Equations

- Optimization

2.4. 1 (one) position will be reserved for UFPR staff members, subject to approval in the selection process. Proof of employment at UFPR must be submitted at the time of application.

2.5. 2 (two) positions will be reserved for affirmative action candidates, intended for applicants who fall into one of the following categories:

- Black persons;
- Indigenous persons;
- Quilombola communities;
- Persons with disabilities;
- Deaf persons or members of linguistic minorities;
- Trans persons (transgender women or men and travesties);
- Refugees, asylum seekers, stateless persons, or holders of humanitarian visas.

2.6. Applicants for reserved positions must submit supporting documentation as required in this notice and in Resolution No. 02/2025-CEPE.

2.7. If the self-declaration is not approved, the applicant will continue in the selection process under the general competition category, without prejudice to their evaluation.

3. SUPERVISING PROFESSORS

The following faculty members may offer supervision under this notice:

Name	Area
Ademir Alves Ribeiro	Optimization
Ailin Ruiz de Zarate	Differential Equations
Alexandre Kirilov	Differential Equations
Elías Alfredo Gudiño Rojas	Numerical Analysis
Fábio Ramos	Numerical Analysis
Fernando de Ávila Silva	Differential Equations
Higidio Portillo Oquendo	Differential Equations
Leonardo Lima	Optimization

Maria Rosario Astudillo Rojas	Differential Equations
Matheus Brito	Algebra
Roberto Pettres	Numerical Analysis

4. SCHEDULE

Stage	Date
Start of applications	05/04/2026
End of applications	06/08/2026
Deadline for submission of recommendation letters	06/08/2026
Publication of approved applications	06/10/2026
Publication of the Selection Committee	06/12/2026
Interview period (if applicable)	06/22/2026 to 07/01/2026
Final result announcement	07/03/2026

5. REQUIRED DOCUMENTS FOR APPLICATION

5.1. At the time of application, candidates must upload the following documents, digitized in **PDF format** (except item a):

- Recent square-format photograph (JPG);
- Identification document and CPF (Brazilian ID number) in a single PDF file (or passport, for foreign applicants);
- Lattes Curriculum or Curriculum Vitae;
- Undergraduate transcript;
- Master's transcript (not required only for Direct Doctorate applicants – see item 5.4);
- Personal statement (as described in item 6);
- Undergraduate diploma. For Direct Doctorate applicants, this may be replaced by an official statement confirming enrollment in the final semester;

- Master's diploma, dissertation defense record, or official statement from the Graduate Program certifying eligibility to defend, including the expected defense date (to be uploaded under "Master's or Doctorate Diploma"). This document is waived for Direct Doctorate applicants;
- Letter of acceptance from a prospective PPGM supervisor, according to the model in Annex II (to be uploaded under "Other Documents According to the Notice");
- Specific documentation for reserved positions, when applicable.

5.2. Two letters of recommendation must be sent directly by the referees to the email address selecaoppgmufpr@gmail.com, by the deadline established in the schedule, according to the model available at: <https://ppgm.ufpr.br/mestrado-e-doutorado/>

5.3. Incomplete applications, illegible documents, or submissions not complying with this notice will be rejected.

5.4. Direct Doctorate: Candidates holding only an undergraduate degree may apply for the Direct Doctorate in exceptional cases. To do so, applicants must register for both the Master's and Doctoral programs on the PPGM website. This ensures that the application will be considered for the Master's program should the Doctoral admission be denied. The candidate must specifically justify their merit for this modality in their personal statement.

6. PERSONAL STATEMENT

6.1. Candidates must submit a written essay addressing:

Part 1:

- Motivation for pursuing graduate studies in Mathematics;
- Did you receive a scholarship during your master's program? Which funding agency? During which period?
- Have you taken any doctoral-level courses? Where? When? Final grade?
- Have you attended any summer courses? Where? When? Final grade?
- Have you participated in any activity developed by PPGM-UFPR? Which one? When?
- Do you have any submitted scientific articles that are not yet listed in your CV?
- Any other elements deemed relevant.

Part 2: Description of your master's dissertation.

6.2. The essay (Parts 1 and 2) must be submitted as a single PDF file with a maximum of **12 (twelve) pages**.

6.3. Supporting documents related to item 6.1 may be attached under “Other Documents According to the Notice.”

6.4. The Committee may summon the candidate for an oral interview if deemed necessary.

7. SELECTION PROCESS

7.1. The selection will be carried out through document analysis.

7.2. The following components will be evaluated:

- Personal statement (E);
- Curriculum, recommendation letters, and academic records (C).

7.3. The final score **N**, ranging from 0 (zero) to 10 (ten), will be calculated as:

$$N = \frac{(E + 2C)}{3}$$

7.4. Candidates with a final score of **8.0 or higher** will be considered approved.

7.5. Tie-breaking criteria:

- Higher score in Curriculum (C);
- Higher score in the Personal Statement (E).

8. RESULTS

8.1. The results will be published on the official PPGM website.

9. APPEALS

9.1. Appeals may be submitted within **48 hours** after the publication of the results.

9.2. Appeals must be sent to pgmat@ufpr.br, with the subject line “**APPEAL**”.

9.3. Appeals will not be accepted due to missing mandatory documentation.

9.4. The application may be canceled at any time if false or irregular declarations or documents are identified.

10. ENROLLMENT AND SCHOLARSHIPS

10.1. Enrollment will be carried out according to instructions that will be published on the PPGM website.

10.2. Approved candidates must confirm their interest in the position by **July 24, 2026**, via email to pgmat@ufpr.br. Failure to do so will result in loss of the vacancy.

10.3. The PPGM does not guarantee the allocation of scholarships.

10.4. If available, scholarships will be distributed according to current institutional criteria.

11. FINAL PROVISIONS

11.1. Submission of an application implies full acceptance of the terms of this notice.

11.2. This notice may be amended at any time by official publication.

11.3. Candidates' personal data will be processed in accordance with applicable data protection legislation.

11.4. Cases not covered by this notice will be resolved by the PPGM Committee.

Curitiba, April 17, 2026

Prof. Elías Alfredo Gudiño Rojas
Coordinator
Graduate Program in Mathematics
Federal University of Paraná