

NOTICE No. 001/2026

SELECTION OF CANDIDATES FOR THE MASTER'S DEGREE PROGRAM

ADMISSION – SECOND SEMESTER OF 2026

The Graduate Council of the Graduate Program in Mathematics (PPGM) of the Federal University of Paraná (UFPR), in the exercise of its legal and statutory powers, and considering the deliberations of its 170th Council Meeting held on April 17, 2026, hereby announces the present Notice for the selection of candidates for the Academic Master's Degree Program, with admission in the second academic semester of 2026.

1. GENERAL PROVISIONS

1.1. The selection process shall be governed by this Notice, the Internal Regulations of the PPGM, and 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 electronic submission at: <https://ppgm.ufpr.br/>

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

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

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

2. NUMBER OF VACANCIES

2.1. Up to **ten (10) vacancies** will be offered for the Master's Degree program.

2.2. The PPGM reserves the right to not fill all available vacancies.

2.3. Vacancies are distributed among the following areas of concentration:

- Algebra
- Numerical Analysis
- Differential Equations
- Geometry and Topology

- Optimization

2.4. **One (1) vacancy** will be reserved for UFPR staff members, subject to approval in the selection process. Proof of employment with UFPR must be submitted in the application form.

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

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

2.6. Application for reserved vacancies requires submission of supporting documentation as established in this Notice and in Resolution No. 02/2025-CEPE.

2.7. If the self-declaration is not approved, the candidate will continue to participate in the process under open competition, without prejudice to their evaluation.

3. SUPERVISING FACULTY

The faculty members listed below may offer supervision under this Notice:

Name	Area
Ademir Alves Ribeiro	Optimization
Alexandre Kirilov	Differential Equations
Ana Clara Garcia Elsener	Algebra
Cleber de Medeira	Differential Equations
Elías Alfredo Gudiño Rojas	Numerical Analysis
Fábio Ramos	Numerical Analysis
Fernando de Ávila Silva	Differential Equations
Gisele Teixeira Paula	Geometry and Topology

Juan Sebastian Herrera Carmona	Geometry and Topology
Leonardo Lima	Optimization
Mael Sachine	Optimization
Maria Rosario Astudillo Rojas	Differential Equations
Matheus Brito	Algebra
Olivier Brahic	Geometry and Topology
Roberto Pettres	Numerical Analysis
Roberto Ribeiro	Numerical Analysis

4. SCHEDULE

Stage	Date
Beginning of applications	May 4, 2026
End of applications	June 8, 2026
Deadline for submission of recommendation letters	June 8, 2026
Publication of approved applications	June 10, 2026
Publication of the Selection Committee	June 12, 2026
Interview period (if applicable)	June 22 to July 1, 2026
Publication of final results	July 3, 2026

5. REQUIRED DOCUMENTATION FOR APPLICATION

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

- Recent square-format photograph (JPG);
- Identification document and CPF in a single PDF file (or passport for foreign applicants);
- Lattes Curriculum or Curriculum Vitae;

- Undergraduate academic transcript;
- Statement of purpose (according to Section 6);
- Undergraduate diploma or official declaration of enrollment in the final semester;
- Specific documentation for reserved vacancies, when applicable (to be uploaded under “Other documents as required by the Notice”).

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

5.3. Incomplete applications, illegible documentation, or submissions not in accordance with this Notice will be rejected.

6. STATEMENT OF PURPOSE

6.1. The candidate must submit a written statement addressing:

- Motivation for pursuing graduate studies in Mathematics;
- Have you taken any undergraduate courses in mathematics? Where? When? Grades? (Applicable only to candidates who have not completed a bachelor's degree in mathematics);
- Have you taken any graduate-level courses? Where? When? Grades?
- Have you participated in any summer courses? Where? When? Grades?
- Have you participated in any activity developed by PPGM-UFPR? Which one? When?
- Did you conduct Undergraduate Research during your degree? If so, what was the topic?
- Any other relevant information deemed pertinent.

6.2. Supporting documents related to item 6.1 may be uploaded under “Other documents as required by the Notice” in the application form.

6.3. The Selection Committee may summon the candidate for an oral interview, if deemed necessary.

7. SELECTION PROCESS

7.1. Selection will be conducted through document analysis.

7.2. The following components will be evaluated:

- Statement of Purpose (E);
- Curriculum, letters of recommendation, and academic transcript (C).

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

$$N = \frac{(E + 3C)}{4}$$

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 Statement of Purpose (E).

8. RESULTS

8.1. Results will be published on the official PPGM website.

9. APPEALS

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

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

9.3. Appeals due to the absence of mandatory documentation will not be considered.

9.4. An application may be annulled at any time if falsification or irregularities in the 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 awarding 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 this Notice.
- 11.2. This Notice may be amended at any time through official publication.
- 11.3. Candidates' personal data will be processed in accordance with current data protection legislation.
- 11.4. Any matters not covered herein will be resolved by the PPGM Council.

Curitiba, April 17, 2026

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