

**Selection Notice for the Graduate Program in Mathematics**  
**Institute of Mathematics and Statistics – University of São Paulo**

**1. About the Notice**

This notice establishes the rules for the selection of candidates for the Graduate Program in Mathematics at the Institute of Mathematics and Statistics of the University of São Paulo, covering both the Master's and Doctoral programs. Each semester, up to 25 vacancies are offered for the Master's program and up to 25 vacancies for the Doctoral program (with or without a Master's degree). There is no obligation to fill all these vacancies.

**2. Vacancies**

**2.1 General Vacancies**

For each program (Master's or Doctoral), 21 vacancies are available for all candidates, in addition to the 4 vacancies described in item 2.2.

**2.2 Vacancies for PPI and PCD**

4 vacancies will be reserved for self-declared Black, Brown, or Indigenous candidates (PPI) and candidates with severe physical disabilities (PCD), as described below:

**PPI (Black, Brown, or Indigenous):**

- **Black and Brown:** Proof is made by self-declaration, considering only phenotype, excluding genetic and ancestry criteria.
- **Indigenous:** Proof is made by self-declaration and presentation of a certificate issued by Funai confirming membership in an Indigenous tribe.

**PCD (Person with Disability):**

- Proof must be provided in accordance with the Brazilian Law on the Inclusion of Persons with Disabilities (Law No. 13.146/2015) through the presentation of a medical report.

## **2.3 Expression of Interest**

Candidates interested in the reserved vacancies (PPI or PCD) must indicate this interest in the specific field of the application form. There is no obligation to fill the reserved vacancies.

## **3. Applications**

### **3.1 Application Periods**

Applications must be submitted during the following periods:

- **For entry in the 2nd semester of the same year:** April 15 to May 31
- **For entry in the 1st semester of the following year:** September 18 to October 31

Applications must be submitted exclusively via the online form available at: <https://www.ime.usp.br/pos-matematica/ingresso/>. The online form includes completing a registration form and submitting necessary documents in PDF format.

### **3.2 Required Documents for Master's or Direct Doctoral Program Application**

The following documents must be attached to the online form:

- a. Identity Document (cannot be a Driver's License) or Passport;
- b. Complete undergraduate academic transcript;
- c. Updated Curriculum Vitae (Vitae or Lattes);
- d. Contact information for the prospective advisor (optional but strongly recommended) or preferred area of study compatible with the program's offerings. If accepted, the student must contact a program member to be their advisor before enrollment or will be assigned one by the program.
- e. Two Letters of Recommendation from mathematics professors or researchers. At least one recommendation must be from someone with recent direct or indirect academic contact (last two years). The recommenders must fill out the form available on the website: <https://www.ime.usp.br/pos-matematica/ingresso/>
- f. Proof of Courses, Awards, Scholarships, and Other Pertinent Documents (optional);
- g. Cover Letter;

h. Letter from Previous Advisor regarding the candidate's performance, if the candidate has previously started a graduate program.

### **3.3 Required Documents for Doctoral Program Application**

The following documents must be attached to the online form:

- a. Identity Document (cannot be a Driver's License) or Passport;
- b. Complete undergraduate academic transcript;
- c. Updated Curriculum Vitae (Vitae or Lattes);
- d. Contact information for the prospective advisor (optional but strongly recommended) or preferred area of study compatible with the program's offerings. If accepted, the student must contact a program member to be their advisor before enrollment or will be assigned one by the program.
- e. Two Letters of Recommendation from mathematics professors or researchers. At least one recommendation must be from someone with recent direct or indirect academic contact (last two years). The recommenders must fill out the form available on the website: <https://www.ime.usp.br/pos-matematica/ingresso/>
- f. Proof of Courses, Awards, Scholarships, and Other Pertinent Documents (optional);
- g. Cover Letter;
- h. Letter from Previous Advisor regarding the candidate's performance, if the candidate has previously started a graduate program.
- i. Complete Master's Academic Transcript (including extracurricular activities and fail grades);
- j. Expanded Abstract of the Master's Thesis (1 to 4 pages).

### **3.4 Issues with the Online Form**

In case of problems with the online form, contact the Program Office immediately at: [posmat@ime.usp.br](mailto:posmat@ime.usp.br).

### **3.5 Mandatory Documents**

The lack of any mandatory document will result in the disqualification of the candidate's application.

### 3.6 Advisor Confirmation

The prospective advisor, indicated in items 3.2.d or 3.3.d, must complete the advisor acceptance confirmation form available on the website <https://www.ime.usp.br/pos-matematica/ingresso/> by the day following the end of the application period. Failure to provide this confirmation will result in the application being considered as if no advisor had been indicated.

## 4. Selection Process

### 4.1 Selection for the Master's Program

The selection process for the Master's program consists of the following criteria:

#### a. Document Analysis

The documentation listed in item 3.2 will be evaluated and given a score from 0 to 10, based on the following items and weights:

- i. **Faculty Agreement:** Evaluation of a faculty member's agreement to supervise and analysis of the acceptance letter (if any) (Weight: 1.0)
- ii. **Academic Recognition of the Origin University:** Level of academic recognition of the origin university (e.g., CAPES rating) (Weight: 3.0)
- iii. **Academic Background:** Quality and difficulty of Mathematics courses taken during undergraduate studies, as well as the student's performance (Weight: 2.5)
- iv. **Additional Courses and Activities:** Additional Mathematics courses taken at institutions of excellence, participation in events with work presentations, international internships (if any), articles, awards, scholarships, scientific initiation, performance in math olympiads, etc. (Weight: 1.5)
- v. **Scholarship Offer:** Having a scholarship from a national or international funding agency (if any) (Weight: 1.0)
- vi. **Cover Letter and Letters of Recommendation:** Analysis of the candidate's recent potential to successfully complete the program and to maintain an appropriate academic environment, showing respect to peers, professors, and non-teaching staff (Weight: 1.0)

### **b. Cut-off Score**

A candidate will be disqualified if the score obtained is lower than the cut-off score for the Master's program (NCM). The cut-off score will be calculated as  $0.7 \times MM$ , where MM is the simple average of the final scores of the candidates who applied and were not disqualified (as per item 3.5) for the semester in question.

### **c. Recommendation for Direct Doctoral Program**

Candidates with exceptional performance may, at the discretion of the admissions committee, be recommended for the Direct Doctoral Program. These candidates must confirm their interest in the Direct Doctoral Program when contacted by the office, within the established deadline.

## **4.2 Selection for the Doctoral Program**

The selection process for the Doctoral program consists of the following criteria:

### **a. Document Analysis**

The documentation listed in item 3.3 will be evaluated and given a score from 0 to 10, based on the following items and weights

- i. **Faculty Agreement:** Evaluation of a faculty member's agreement to supervise and analysis of the acceptance letter (if any) (Weight: 1.0)
- ii. **Academic Recognition of the Origin University:** Level of academic recognition of the origin university (e.g., CAPES rating) (Weight: 3.0)
- iii. **Academic Background:** Quality and difficulty of Mathematics courses taken during undergraduate and graduate studies, as well as the student's performance (Weight: 2.5)
- iv. **Additional Courses and Activities:** Additional Mathematics courses taken at institutions of excellence, participation in events with work presentations, international internships (if any), articles, awards, scholarships, scientific initiation, performance in math olympiads, etc. (Weight: 1.5)
- v. **Scholarship Offer:** Having a scholarship from a national or international funding agency (if any) (Weight: 1.0)

vi. **Cover Letter and Letters of Recommendation:** Analysis of the candidate's recent potential to successfully complete the program and to maintain an appropriate academic environment, showing respect to peers, professors, and non-teaching staff (Weight: 1.0)

#### **b. Cut-off Score**

A candidate will be disqualified if the score obtained is lower than the cut-off score for the Doctoral program (NCD). The cut-off score will be calculated as  $0.7 \times MD$ , where MD is the simple average of the final scores of the candidates who applied and were not disqualified (as per item 2.5) for the semester in question.

### **4.3. Selection for Direct Doctorate**

The selection process for the Direct Doctorate is based on the following criteria:

**a. Documentation Review** The documentation listed in item 3.2 will be evaluated and assigned a score from 0 to 10 based on the following items and weights:

- i. **Agreement from a Faculty Member:** Evaluation of a faculty member's agreement to supervise the candidate and review of the acceptance letter (if any) (Weight: 1.0)
- ii. **Academic Recognition of the Home University:** Level of academic recognition of the home university (e.g., CAPES rating) (Weight: 3.0)
- iii. **Academic Background:** Quality and difficulty of the Mathematics courses taken during undergraduate studies, as well as the student's performance (Weight: 2.5)
- iv. **Additional Courses and Activities:** Supplementary Mathematics courses taken at reputable institutions, participation in events with paper presentations, internships abroad (if any), articles, awards, scholarships, scientific initiation, performance in math competitions, etc. (Weight: 1.5)
- v. **Scholarship Award:** Having a scholarship from a national or international funding agency (if any) (Weight: 1.0)
- vi. **Cover Letter and Recommendation Letters:** Analysis of the candidate's recent potential to successfully complete the program and

maintain a suitable academic environment, showing respect to peers, faculty, and non-teaching staff (Weight: 1.0)

**b. Cut-off Score** A candidate will be considered for the Direct Doctorate if their score (N) is above  $\max\{7, \text{NCDD}\}$ . The cut-off score NCDD will be calculated as  $1.1 \times \text{MD}$ , where MD is the simple average of the final scores of the candidates who are not disregarded (as per item 4.2.b).

**Note:** A candidate applying for the Direct Doctorate may have their application rejected for the Doctorate but considered for the Master's program, at the discretion of the selection committee.

## **5. PPI and PCD Classification**

### **5.1. Available Slots**

- **Master's:** 21 general slots and 4 slots reserved for PPI (Black, Brown, and Indigenous) or PCD (Persons with Disabilities).
- **Doctorate:** 21 general slots (including Direct Doctorate) and 4 slots reserved for PPI or PCD.

### **5.2. Classification Procedure**

**5.1 General Classification** All candidates will be listed in two separate lists: one for the Master's and one for the Doctorate. The top 21 candidates in each list will be invited.

**PPI and PCD Classification** Independently of being PPI, PCD or not, the top 21 candidates on each list will be called. The top 4 PPI or PCD candidates who are not already in the top 21 positions will be called for the reserved slots for PPI and PCD.

### **Invitation and Replacement**

- Invited candidates will receive an acceptance letter. If they do not express interest in the slot within the timeframe specified in the letter, the next candidate on the list will be invited.
- If there are no more available candidates to fill the slots, they will remain unfilled.

## **Reserved Slots for PPI and PCD**

- If the reserved slots for PPI and PCD are not filled by the initial PPI or PCD candidates on the general list, the invitation will be made only among PPI or PCD candidates.
- If there are no more PPI or PCD candidates to fill the slots, they will remain unfilled.

## **6. Institutional Scholarships**

### **6.1. Scholarship Allocation**

- The allocation of Master's, Doctorate, and Direct Doctorate scholarships is subject to the quotas available from funding agencies.
- Acceptance into the program does not guarantee the award of a scholarship.

### **6.2. Priority and Application**

- The distribution of entry scholarships will follow the published order of priority.
- Accepted candidates who do not receive a scholarship upon entry may apply for available scholarships in reapplication processes during the semester.

## **7. Results**

**7.1. Announcement of Results** The final results of the selection process will be announced on the page <https://www.ime.usp.br/pos-matematica/ingresso/> by the following dates:

- June 30: for admission in the second semester of the same year.
- November 30: for admission in the first semester of the following year. If June 30 or November 30 falls on a weekend or public holiday, the announcement will be made on the next business day.

## **8. Enrollment**

### **8.1. Enrollment Period**

Candidates selected for the Master's and Doctorate programs must enroll only for the semester for which they were accepted. If a candidate wishes to start



their studies in a semester after their acceptance, they will need to participate in a new selection process and submit updated documentation.

## **8.2. Enrollment Calendar**

The enrollment dates will be published on the program's official website: <http://www.ime.usp.br/pos>, under the "Calendars" section.

## **8.3. Enrollment Process**

Enrollment must be completed exclusively through the electronic form available on the website: <https://www.ime.usp.br/pos-matematica/ingresso/>. The electronic form includes completing a registration form and submitting the required documents in PDF format.

## **8.4. Documentation for Brazilian Candidates**

The following documents must be attached to the electronic form: i. RG (National ID, CNH is not acceptable); ii. CPF (Brazilian Individual Taxpayer Registry); iii. Birth or Marriage Certificate; iv. Undergraduate diploma (front and back) or graduation certificate; v. Master's diploma (front and back) or defense certificate (for candidates selected for the Doctorate with a Master's degree), including the course recognition decree; vi. Recent photo.

**Note:** The date of graduation (for Master's candidates) or the Master's defense (for Doctorate candidates) must be before the start of classes.

## **8.5. Documentation for International Candidates**

The following documents must be attached to the electronic form: i. Passport, RNE/RNM or Protocol for issuing RNE/RNM ii. Student or Mercosur visa, issued by the Federal Police, with an issue date prior to the start of classes. iii. CPF; iv. Birth or Marriage Certificate; v. Undergraduate diploma (front and back) or graduation certificate; vi. Master's diploma (front and back) or defense certificate (for those selected for the Doctorate with a Master's degree); vii. Recent photo.

**IMPORTANT:** The student or Mercosur visa must be obtained before arriving in Brazil. Tourist visas are not accepted for issuing RNE/RNM or for enrollment.

Failure to present the appropriate documentation before the start of classes will result in the denial of the enrollment request.

**IMPORTANT:** If RNE/RNM is not presented during the enrollment period, the student must submit it within 60 calendar days from the enrollment date. Failure to present it within the established timeframe will result in the automatic dismissal of the student from the program.

**Note:** The date of graduation (for Master's candidates) or the Master's defense (for Doctorate candidates) must be before the start of classes.

### **9. Omissions**

Any situation not covered by this notice will be reviewed by the Postgraduate Mathematics Program Committee (CCP-MAT).