



FEDERAL UNIVERSITY OF ESPÍRITO SANTO
Center for Exact Sciences
Department of Mathematics
GRADUATE PROGRAM IN MATHEMATICS

MASTER'S IN MATHEMATICS
SIMPLIFIED SELECTION PROCESS – REGULAR STUDENT FOR 2025/1

The Coordination of the Graduate Program in Mathematics of the Center for Exact Sciences of the Federal University of Espírito Santo (PPGMAT-UFES), exercising its regimental duties, hereby announces the Selection Process for REGULAR STUDENT admission, with activities beginning in March 2025, for the semester 2025/1.

1. GENERAL PROVISIONS

- 1.1. The regulations related to the program can be found in the [PPGMAT-UFES Regulation](#) and in the [General Regulations for Graduate Studies at the Federal University of Espírito Santo](#).
- 1.2. Further information can be obtained online via the [PPGMAT-UFES](#) website or requested by email at pos.ppgmat@ufes.br.

2. VACANCIES

- 2.1. A total of 20 vacancies will be offered for the Master's in Mathematics.
- 2.2. The norms and criteria related to affirmative actions will follow the regulations of the Federal University of Espírito Santo (UFES) in effect at the time of the selection process.
- 2.3. There is no obligation to fill all vacancies.

3. SCHOLARSHIPS

- 3.1. The detailed rules for the distribution of scholarships among students will be addressed in a specific notice for scholarship awards.

4. APPLICATIONS

- 4.1. Applications for the Selection Process for REGULAR STUDENT will be open from 10/21/2024 to 11/22/2024 via the Regular Student Selection Process Application Form available on the program's website under the Selection Process tab (click here: PPGMAT selection processes).
- 4.2. Applications must be submitted by completing the specific form with the requested information and attaching the required scanned documents listed in Annex I of this notice.

- 4.3. Applications will be accepted from graduates of programs in the two broad areas: Exact and Earth Sciences and Engineering, as classified by the CNPq (click here: knowledge areas).
- 4.4. In the case of students in their final year of undergraduate studies, an application can be submitted with proof of enrollment indicating that the student is a finalist. Enrollment, when applicable, will only occur upon presentation of the Certificate of Completion of the undergraduate program.
- 4.5. For undergraduate degrees obtained from foreign institutions, the Selection Committee will take into consideration the scientific reputation of the institution.
- 4.6. For the purposes of selection, candidates may optionally indicate up to two (2) names to issue recommendation letters.
- 4.7. Each recommendation letter must be submitted by the professor indicated on the application form via the online form available (click here: [PPGMAT selection processes](#)).
- 4.8. The period for submitting recommendation letters is from 10/21/2024 to 11/29/2024.
- 4.9. It is the candidate's responsibility to ensure that the files attached to the application are legible.
- 4.10. The approval or rejection of applications will be announced on the program's website, under the Selection Process tab (click here: [PPGMAT selection processes](#)).

5. THE SELECTION PROCESS AND CRITERIA

- 5.1. A single (classificatory and eliminatory) stage will be conducted, aimed at evaluating the academic background, experience, and suitability of the candidate for the areas of interest of PPGMAT-UFES.
- 5.2. Candidates scoring below 6.0 will be disqualified.
- 5.3. The scoring criteria are as follows:
 - 5.3.1. **Analysis of the Academic Transcript**
 - Maximum Score: 10 points
Weight: 2
 - **Analysis of Mathematics Courses Taken**

General Mathematics Background:
Score: 0.03 times the sum of the grades obtained in the subjects listed below (or equivalents), considering grades from 0 to 10.
Examples of subjects: Basic Mathematics I (Pre-calculus), Basic Mathematics II (Euclidean plane and spatial geometry), Analytical Geometry, Calculus I, Calculus II, Calculus III, Calculus IV (Ordinary Differential Equations), Linear Algebra I, Mathematics Laboratory, Programming, Numerical Algorithms I, Arithmetic, Discrete Mathematics, Problem Solving, among others.

Specific Mathematics Background:
Score: 0.05 times the sum of the grades obtained in the subjects listed below (or equivalents), considering grades from 0 to 10.
Examples of subjects: Analysis I, Analysis II, Advanced Calculus, Complex

Variables, Differential Geometry, Linear Algebra II, Algebra I, Algebra II (polynomial rings), Group Theory, Metric Spaces Topology, Ordinary Differential Equations (qualitative theory), Fourier Series and Boundary Problems, General Topology, among others.

- **Evaluation of the Ministry of Education (MEC) Rating of the Undergraduate Program**

0.5 points for courses rated 4 or 5

0.35 points for courses rated 3

0.15 points for courses rated 2

- **Specific Graduate Courses Taken in the Last 2 Years**

Includes courses taken at PPGMAT-UFES or other graduate programs at the master's level or higher.

Score: 0.25 times the sum of the grades obtained in the subjects listed above (or equivalents), considering grades from 0 to 10.

- **Performance in Summer Courses Completed in the Last 2 Years**

Summer courses taken at PPGMAT-UFES or other graduate programs in mathematics will be considered, based on the program's rating.

Score: 0.25 points per course times the grade obtained (maximum of 0.5 points).

- **Analysis of the Documented Curriculum Vitae** (Maximum score of 10 points) (Weight: 1):

a) Scientific initiation or directed study (0.5 points per semester - maximum of 2 points);

b) Presentation/Publications at scientific events (0.25 points per presentation - maximum of 2 points);

c) Tutoring/Teaching in higher education in related disciplines (0.25 points per subject - maximum of 1 point);

d) Participation in scientific events (0.25 points per event - maximum of 1 point);

e) Awards and distinctions (0.2 points per item - maximum of 1 point).

- **Analysis of the Recommendation Letters** (Score from 0 to 5 points per letter)

- Pontuação máxima: 10 pontos

- Peso: 2

5.3.2. **Analysis of the Documented Curriculum Vitae.** (Maximum score of 10 points) (Weight: 1):

a) Scientific initiation or directed study (0.5 points per semester - maximum of 2 points);

b) Presentation/Publications at scientific events (0.25 points per presentation - maximum of 2 points);

c) Tutoring/Teaching in higher education in related disciplines (0.25 points per subject - maximum of 1 point);

d) Participation in scientific events (0.25 points per event - maximum of 1 point);

e) Awards and distinctions (0.2 points per item - maximum of 1 point).

5.3.3. **Analysis of the Recommendation Letters** (Score from 0 to 5 points per letter)

6. APPEAL

- 6.1. The appeal period for any result will be within 2 business days after the publication of the respective result.
- 6.2. Appeals must be sent to the email ppgmat.ufes.inscricao@gmail.com with the subject "APPEAL REGULAR STUDENT 2025/1".
- 6.2.1. The email body must include the candidate's complete identification and the justifications or questions regarding what is in disagreement.
- 6.3. Appeals will be reviewed by the PPGMAT Selection and Scholarship Committee and answered individually.
- 6.4. After the review of appeals, the final result will be announced.

7. ENROLLMENT

- 7.1. The enrollment period for REGULAR STUDENT in the program will be in March 2025.

8.FINAL PROVISIONS

- 8.1. Any deadline mentioned in this notice that ends on a non-business day will be automatically extended to the next business day. Any omitted cases in this notice will be resolved by the PPGMAT Selection and Scholarship Committee.

9. ENTATIVE DATES

- 9.1. Application period: 10/21/2024 (Monday) to 11/22/2024 (Friday)
- 9.2. Approval of applications: 11/29/2024 (Friday)
- 9.3. Submission of Recommendation Letters: until 11/29/2024 (Friday)
- 9.4. Preliminary result announcement: 12/13/2024 (Friday)
- 9.5. Review of appeals and final result: 12/20/2024 (Friday)
- 9.6. Enrollment period: March 2025
- 9.7. Start of the academic semester: March 2025

Vitória, October 18, 2024.

Leonardo Câmara
PPGMAT-UFES Coordinator



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ANNEX I – REQUIRED DOCUMENTS FOR APPLICATION

The inclusion of the following documents (digitized) in the application form is mandatory:

- Curriculum Vitae, preferably in Lattes format;
- Supporting documentation for the Curriculum Vitae;
- Undergraduate Academic Transcript.



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O documento acima foi assinado digitalmente com senha eletrônica através do Protocolo Web, conforme Portaria UFES nº 1.269 de 30/08/2018, por
LEONARDO MEIRELES CAMARA - SIAPE 1354189
Coordenador do Programa de Pós-Graduação em Matemática
Coordenação do Programa de Pós-Graduação em Matemática - PPGMAT/CCE
Em 21/10/2024 às 14:38

Para verificar as assinaturas e visualizar o documento original acesse o link: <https://api-lepisma.prod.uks.ufes.br/arquivos-assinados/1014884?tipoArquivo=O>