



**FEDERAL UNIVERSITY OF GOIÁS
PRO-RECTORY OF GRADUATE STUDIES**

CALL for APPLICATIONS 01/2025

The Graduate Program in Physics (PPGF) at the Institute of Physics, Federal University of Goiás, is pleased to announce the opening of applications for the selection process to the Doctorate in Physical Sciences. The Call for Applications number 01/2025 can be accessed on the PPGF website (<https://posgraduacao.if.ufg.br>). For further information, applicants can contact the PPGF Secretariat by phone at (+55) 62 3521-1029, Monday to Friday, from 7:30 am to 11:00 am and 1:00 pm to 5:00 pm (Brasília time, GMT-3:00), or by email at ppg.fisica@ufg.br.

Goiânia, 27th February 2025

Prof. Lucas Chibebe Céleri
Coordinator



**FEDERAL UNIVERSITY OF GOIÁS
PRO-RECTORY OF GRADUATE STUDIES**

PUBLIC NOTICE 01/2025

1. GENERAL INFORMATION

The duration of the doctoral program is 48 months. Upon completion, students will be awarded a doctorate with a specialization in Physics.

2. ELIGIBILITY

- 2.1. This call is exclusively open to candidates of **foreign nationality** who are currently residing outside of Brazil.
- 2.2. Applicants must hold a Master's degree in Physics or in a related field (or equivalent) to be eligible for participation in the Doctorate selection process.

3. VACANCIES

- 3.1. The Graduate Program in Physics hereby announces the availability of 01 position for the Doctoral program in the upcoming selection process.
- 3.2. There is no obligation to fill all available positions.
- 3.3. The selected candidate will be awarded a fellowship from CAPES, valued at R\$ 3,100.00.

4. REGISTRATIONS

- 4.1 Registrations can be made in accordance with the schedule outlined in item 6 of this call.
- 4.2 Applications must be made exclusively by e-mail **at ppg.fisica@ufg.br, with the subject "Registration—Selection Process 01/2025."**
- 4.3 In the e-mail, the applicant must **attach the** documents listed below in a **SINGLE FILE IN PDF FORMAT:**
 - a) *Curriculum Vitae* containing the full publication list;
 - b) Statement of Future Research Plan which should describe the candidate's research goals and vision for the duration of the graduate program. It must not exceed five (5) pages, formatted on A4 paper with 1.5-line spacing, using Times New Roman font, size 12. The cover page must include the candidate's name, the name of the prospective advisor, and the project title.
 - c) Scanned copy of passport or ID or similar document.
- 4.4 Candidates may be disqualified from the selection process at any stage if any false statements or

irregularities are found in the submitted documents. Late applications will not be accepted.

- 4.5 The results of the selection process will be published according to the schedule outlined in item 6 of this call, on the PPGF website: <https://posgraduacao.if.ufg.br>.
- 4.6 Registrations with incomplete documentation or that do not meet the conditions required in this Call will be disqualified.

5. THE SELECTION PROCESS

5.1. The Selection Committee will be responsible for overseeing the selection process. The members of the Committee can be found on the PPGF website: <https://posgraduacao.if.ufg.br>.

5.2. The selection process will consist of the following steps:

5.2.1. Research Plan (RP): The candidate will present a 15-minute presentation via ZOOM. The Selection Committee will assign a maximum score of 10 points, distributed across the following criteria:

a) Relevance and Alignment (2 points)

How well does the proposed research align with the goals and scope of the graduate program?
Does the candidate demonstrate a clear understanding of the field and its challenges?

b) Clarity of Objectives (2 points)

Are the research objectives and questions clearly stated and logically presented?
Does the candidate articulate how they plan to achieve these objectives?

c) Methodology and Feasibility (2 points)

Is the proposed methodology appropriate and sufficiently detailed?
Are the scope, timeline, and resources realistic within the context of a graduate program?

d) Originality and Potential Impact (2 points)

Is the research idea innovative or unique compared to existing work in the field?
Could the proposed study contribute meaningful advancements or insights?

e) Organization and Presentation (2 points)

Is the statement well-structured, with a logical flow of ideas?
Is the writing clear, concise, and free of grammatical errors?

5.2.1.1. The candidate who receives a score of less than 7.0 (seven) will be disqualified.

5.2.1.2 The ZOOM link, along with the presentation schedule, will be sent to the candidate via email by 09/04/2025.

5.2.1.3 A 10-minute tolerance period will be allowed for the candidate. If no contact is made within this time, the candidate will be disqualified.

5.2.1.4 The candidate is responsible for ensuring internet access and connection quality during the presentation.

5.2.2 Curriculum Vitae Assessment (CVA)

5.2.2.1 The curricula will be evaluated based on the criteria outlined in Annex I of this call.

5.2.2.2 The points earned will be converted to a score ranging from zero to ten.

5.2.2.3 The candidate with the highest score will receive a score of 10.0 (ten).

5.2.2.4 The scores for the other curricula will be calculated using a simple rule of three.

5.2.2.5 The curriculum score is solely for ranking purposes.

5.2.2.6 The curricula may be submitted in English or Portuguese.

5.3. The Final Average (FM) of the candidates will consist of the simple average between the **RP** grades and **CVA**

$$MF = (RP + CVA)/2$$

5.4. In the event of a tie, the highest grade of the Curriculum Vitae will be considered.

5.5. The final list of qualified and approved candidates will be released in accordance with the schedule outlined in item 6 of this call. The result will be published on the PPGF website (<https://posgraduacao.if.ufg.br>).

6. SELECTIVE PROCESS SCHEDULE

TIMETABLE	STAGE
Feb 28th 2025	Publication of the Call
From 8 am on 03/03/2025 to 6 pm on 03/04/2025 (GMT-3:00)	Registration period
04/04/2025	Approval of registrations
From 07/04/2025 to 09/04/2025	Appeal period against approval of registrations
From 8 am on 10/04/2025 to 6 pm on 11/04/2025 (GMT-3:00)	Project presentation
11/04/2025	Preliminary result
From 14/04/2025 to 16/04/2025	Appeal period against the preliminary result
16/04/2025	Final result
From April/May	Enrollment period for successful applicants

7. CONSIDERATIONS

7.1. By registering, the candidate acknowledges and accepts the rules for this selection process as outlined in the communications and this public notice.

7.2. The candidate is responsible for retaining the original documents required for registration in this selection process. The program may request the presentation of these originals at any time for verification.

- 7.3. The candidate who fails to present the mandatory documents requested in item 4.3 at the time of registration will be automatically disqualified.
- 7.4. The candidate must keep their address updated with the Secretariat of the PPGF throughout their participation in the selection process.
- 7.5 Any appeals, at any stage of this Selection Process, must be sent to the e-mail ppg.fisica@ufg.br.

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INSTITUTE OF PHYSICS
GRADUATE PROGRAM IN PHYSICS**

ANNEX I

CV SCORING TABLE

ACTIVITY			Points per item	Limit	Points
Extra-curricular courses	Lasting < 30 hours		0.25 / course	5.00	
	Lasting $30 \geq$ and ≤ 90 hours		0.50 / course		
	Lasting > 90 hours		1.00 / course		
Scientific production	Complete scientific papers		Q1 – 10 Q2 – 08 Q3 – 05 Q4 – 05		
	Published books		3.00 / book		
	Book chapters		1.00 / chapter		
	Promotional articles		0.50 / article		
	Conference Papers	Poster Presentation	0.50 / work	10,00	
		Oral presentation	1.00 / work		
	Award-Winning Presentation (Paper/Research) at a National or International Conference		1.50 / work		
Presented lectures and exhibitions at roundtable sessions in conferences or academic institutions for specialized audiences			0.50 / lecture	5.00	
Attended conferences, symposia, and similar events			0.50 / event	5.00	
Other activities related to technical work (consulting, organization of scientific events, etc.)			0.50 / activity	4.00	

TOTAL