

**NATIONAL OBSERVATORY
GRADUATE PROGRAM IN GEOPHYSICS
SELECTION NOTICE FOR ADMISSION TO MASTER'S AND
DOCTORATE PROGRAMS
FIRST HALF OF 2025**

The Graduate Program in Geophysics of the National Observatory (PPGG-ON) makes public the regulations and dates of the selection process for admission to the Master's and Doctorate courses in Geophysics in the first semester of 2025. **Visit the Program's page to learn about its structure, faculty, disciplines, regulations and other information¹.**

1. Registrations

- Registration for the selection process will be open from **01/Nov/2024** to **03/Jan/2025**.
- The selection process will be conducted by the Graduate Committee in Geophysics (CPGG).
- People holding a Master's degree in Geophysics, Geology, Physics, Mathematics or related areas, with a degree obtained in Brazil or abroad (official revalidation of the degree is not required) may apply for the **Doctorate selection process** (section 2).
- ...
- Applications submitted without submitting documentation or which submit irregular documentation as per sections 2.1 or 3.1 will be rejected.

2. DOCTORATE

2.1. Registration for the selection process for a DOCTORATE

Registration for the selection process for the DOCTORATE at PPGG-ON requires registration with a valid email address, full name and password at:

<https://sipos.on.br/modulos/geofisica/inscricaoonline/>

¹<https://www.gov.br/observatorio/pt-br/assuntos/programas-academicos/pos-graduacao-em-geofisica>

After registering, you must log in with your chosen email address and password. You must then read the information provided and fill out each of the groups of items on the registration form:

(2.1a) Basic Data – Personal Data & Contact: Intended course (PhD in this case), full name, date of birth, marital status, place of birth, nationality, passport (for foreigners), CPF (numbers only), RG (numbers only), issuing body, link (URL) to the curriculum vitae, e-mail (the e-mail provided cannot be changed later), telephone(s) (landline and cell phone, preferably) and residential address with complement, neighborhood, zip code, city, state and country;

(2.1b) Professional Data – Activities performed: If you have an employment relationship, provide professional data;

(2.1c) Academic Background – Courses & Institutions: Provide information on prior training;

(2.1d) Areas of Interest – Research Lines & Supervision: Indicate a PPGG-ON professor ²who will act as the main research supervisor;

(2.1e) Scholarships – Funding & Time: Inform whether you are applying for a scholarship and whether you will be able to study without a scholarship if your final classification is higher than the number of scholarships available;

(2.1f) Attachments – Upload documents: Upload *your* master's degree diploma (or certificate of completion), master's degree transcript (see Note 2.1.1) , 3x4 photo (in *.jpeg format), curriculum vitae (preferably CV Lattes), identity card (RG or passport), CPF, English proficiency certificate (optional). With the exception of the photo, the files must be in PDF format. No file should exceed the size of 5MB. Foreigners must upload *their* passport;

(2.1g) In the registration form, Attachments – Upload documents: Upload a doctoral research project, developed in conjunction with a permanent professor of PPGG-ON ² who will act as the main supervisor of the research, according to the indication made in item (2.1 d);

(2.1h) Declaration (in free format) sent directly to the email secpgg@on.br by the professor indicated in item (2.1d) and who collaborated in the preparation of the research project mentioned in item (2.1g) stating that he/she accepts to act as the main guide of the research;

(2.1i) Letters of recommendation sent directly to the e-mail secpgg@on.br by two people who work as professors in undergraduate and/or graduate courses in Geophysics, Geology, Physics, Mathematics or related areas (see Note 2.1.2) . These letters must be duly signed, dated and follow the format available at:

https://www.gov.br/observatorio/pt-br/assuntos/programas-academicos/pos-graduacao-em-geofisica/documentos/selecao/carta_recomendacao_doutorado.pdf

²<https://www.gov.br/observatorio/pt-br/assuntos/programas-academicos/pos-graduacao-em-geofisica/corpo-docente>

CPGG will be responsible for evaluating all applications in accordance with current procedures. Applications submitted without submitting the documentation described in items 2.1ai or that present irregular documentation will be rejected. All other applications will be approved. Only individuals whose applications have been approved by CPGG will be eligible to participate in the oral presentation of the doctoral research project.

Note 2.1.1: The “declaration of completion” and “transcript” documents must clearly indicate that the candidate has been approved in his/her master’s defense. Candidates whose master’s defense has not been completed by the deadline for registration may apply for the selection process. In this case, the “declaration of completion” and “transcript” documents of the master’s degree must be replaced, respectively, by:

- a) An official statement stating that the candidate has completed all academic activities necessary to complete the course and the date on which the master's degree defense will take place and
- b) The partial master's degree history.

The documents described in items 2.1.1a and 2.1.1b will be evaluated by the PPGG-ON postgraduate committee, which will decide whether the application will be approved or not. Enrollment in the PPGG-ON will only be carried out after the submission of the diploma (or declaration of completion) and the final master's degree transcript.

Note 2.1.2: Letters of recommendation (item 2.1i) received after the application submission deadline will not be considered and may result in disqualification .

2.2. Selection process for the DOCTORATE

The selection process for the DOCTORATE at PPGG-ON is exclusive to people who have their applications approved in accordance with section 2.1 and will consist of two stages:

2.2.1. Stage 1 (eliminary): Oral defense and argument of the research project

Individuals whose applications are approved by CPGG in accordance with section 2.1 may defend their research project (item 2.1g) and then be questioned by a panel of experts. CPGG will be responsible for defining the dates and panels for the defenses and questions of all research projects. This stage will be carried out in **person or remotely** , according to the instructions to be sent by email by CPGG. Approval at this stage of the selection process is a necessary condition for enrolling in the doctorate program.

2.2.2. Stage 2 (qualifying): Analysis of academic/professional activities and scientific production

Academic and professional activities

- (2.2.2a) Monitoring – 0.5 points for each subject monitoring lasting one academic semester;
- (2.2.2b) Scientific and/or technological initiation with scholarship – 1.0 point per year;
- (2.2.2c) Scientific and/or technological initiation without a scholarship – 0.5 points per year;
- (2.2.2d) Academic exchange abroad – 2.0 points per year;
- (2.2.2e) Research or professional internship in geosciences or related areas – 0.5 points per year;
- (2.2.2f) Employment in geosciences, teaching or technology areas – 1.0 point per year;

The scores for the activities indicated in items 2.2.2b-f are defined per year. Activities carried out for a period of less than or more than one year will be calculated proportionally. Only activities carried out for at least 4 months will be considered.

Scientific production

- (2.2.2g) Abstracts published in proceedings of scientific events – 0.1 point per work;
- (2.2.2h) Expanded abstracts published in scientific event proceedings – 0.3 points per paper;
- (2.2.2i) Articles accepted for publication or published in indexed journals in the field of geosciences.

The score defined in item (2.2.2i) will be computed using the following expression :

$$P = NA + PA + AC + CP ,$$

in which

- $NA = 1 / (\text{total number of authors})$;
- $PA = 1$ (1st) or 0.8 (2nd) or 0.6 (3rd) or 0.4 (4th) or 0.2 (5th), where the numbers in parentheses indicate the position in the list of authors. $PA = 0$ for positions from the 6th onwards;
- $AC = 1$ if corresponding author and 0 otherwise ;
- $CP = 1.00$ (Q1) or 0.75 (Q2) or 0.50 (Q3) or 0.25 (Q4), where Q1 – Q4 represent the journal's most recent classification in the *Scimago database* , in the area of *Earth and Planetary Sciences* ³. $CP = 0$ if the journal is not included in this classification.

Note 2.2.1: All documentation necessary to prove the academic/professional activities and scientific production indicated in items 2.2.2a-i must be included in the registration form, in the **Attachments – Document upload area** (mentioned in items 2.1f and 2.1g).

2.3. Enrollment in the DOCTORATE

³<https://www.scimagojr.com/journalrank.php?type=j&area=1900>

When registering at the secretariat of the Division of Postgraduate Programs (DIPPG) of the National Observatory, the approved person must present the originals of the following documents:

- (2.3a) Personal documents (CPF, identity card, driver's license or passport);
- (2.3b) Certificate and/or diploma of completion of undergraduate and master's courses;
- (2.3c) Curriculum Vitae in the updated Lattes/CNPq format (except for foreigners who may submit their CV in free format).

4. SCHEDULE

ACTIVITY	PERIOD
Registration period	11/01/2024 to 01/03/2025
Announcement regarding the list of applications approved by CPGG	Until 01/08/2025
Written test (Master's degree)	17/01/2025
Interview (Master's), defense and discussion of research projects (Doctorate)	20/01/2025 to 24/01/2025
Disclosure of final results (Doctorate, Master's and Direct Doctorate)	Until 01/31/2025
Enrollment in PPGG-ON	Until 03/07/2025