



MINISTÉRIO DA EDUCAÇÃO  
UNIVERSIDADE FEDERAL DE SANTA CATARINA  
CENTRO DE CIÊNCIAS FÍSICAS E MATEMÁTICAS  
PROGRAMA DE PÓS-GRADUAÇÃO EM FÍSICA

**Call for Applications no. 4/PPGFSC/2020**

**SELECTION PROCESS FOR ADMISSION TO THE DOCTORAL PROGRAM IN PHYSICS**

The Coordinator of the UFSC Graduate Program in Physics (PPGFSC/UFSC), in the exercise of his statutory duties, attributed by the Normative Resolution nº. 95/CUn/2017, of 4 April 2017, and by the PPGFSC Bylaws, makes public and establishes the rules for the application process destined to select students for admission to the PPGFSC Doctoral Program.

**1. PURPOSE**

1.1 This call for applications initiates the selection process for admission to the PPGFSC/UFSC Doctoral Program, whose aim is to provide scientific and professional development through advanced studies and scientific research.

**2. SCHEDULE**

- Release of the call for applications on the program's website and notice board: September 1, 2020;
- Application period: from September 1, 2020, at 10 am, to October 1, 2020, at 5 pm;
- Approval of applications: October 2, 2020, after 5 pm;
- Deadline for filing appeals against the approval result: from October 5, 2020, at 5 pm, to October 7, 2020, at 5 pm;
- Release of approved applications after analyzing the appeals: from October 8, 2020, 5 pm;
- Final result: October 20, 2020, after 5 pm;
- Deadline for filing appeals against the final release: from October 21, 2020, after 5 pm, to October 23, 2020, at 5 pm;
- Release of final results after analyzing the appeals: October 27, 2020, after 5 pm;
- Pre-registration period: from October 28, 2020 to November 9, 2020.

### 3. APPLICATION PROCEDURES

3.1. Applicants may hold a master's degree in physics or in the exact sciences and/or engineering fields. This option will be referred to hereinafter as "doctoral admission with a prior master's degree".

3.2. The PPGFSC/UFSC may accept applicants who hold a bachelor's degree in physics or equivalent diploma, even if they do not hold a master's degree. This option will be referred to hereinafter as "direct doctoral admission".

3.3. To apply for admission to the doctoral program, the applicant must do the following:

a) **Fill in the online application form**, available at:

[https://docs.google.com/forms/d/e/1FAIpQLSegRoiEOTqzNnsT4RWSz1dNHIQI-oZsZv88I-SjI-whMJggdA/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSegRoiEOTqzNnsT4RWSz1dNHIQI-oZsZv88I-SjI-whMJggdA/viewform?usp=sf_link)

b) Attach the following documents to the online form:

- **Digitized copy of a valid government-issued photo identification and of the CPF [individual taxpayer number];**
- **Digitized copy of the undergraduate diploma (double-sided).** For application purposes, exclusively for applicants who opted for the "direct doctoral admission" in their application form, other documents certifying that the degree will be completed before the date of registration in the PPGFSC/UFSC, as established in the UFSC academic calendar, will be accepted;
- **Digitized copy of the master's diploma (double-sided).** For application purposes, other documents certifying that the degree will be completed before the date of registration in the PPGFSC/UFSC, as established in the UFSC academic calendar, will be accepted;
- **Digitized copy of updated undergraduate transcript;**
- **Digitized copy of updated master's transcript;**
- **Digitized copy of the *Curriculum Lattes/CNPq*,** updated and available at <http://lattes.cnpq.br/>, containing the documents to certificate the inserted information (see item 4.6). Foreign applicants can present a *curriculum vitae* in free format.
- **Quantitative list of bibliographic production for curriculum analysis, duly completed** (see Annex I).

3.4. The total size of all attached documents cannot be over 25 MB (twenty-five megabytes).

3.5. No late submissions will be accepted. No fax, mail and/or similar submissions will be accepted.

3.6. Applicants must inform in the online form (see item 3.2) their registration number in the *Exame Unificado de Pós-Graduações em Física – EUF* (Unified Exam of Graduate Studies in

Physics) and the month when they took the EUF. Only one registration number will be accepted, corresponding to any of the 5 (five) last editions of EUF, including the 2018/2 edition.

3.7. In case more than one application from the same applicant is received, only the most recent application will be considered.

#### 4. THE SELECTION PROCESS

4.1. The selection process for the doctoral applicants will consist of three partial grades: the EUF normalized grade (N1), the *curriculum vitae* evaluation (N2) and the master's score (N3).

4.2. The final grade (NF) will be the sum of N1, N2 and N3 ( $NF = N1 + N2 + N3$ ).

4.3. The EUF normalized grade (N1) will be calculated by the formula:

$N1 = [(EUF\ Grade \times 5.0) / (EUF\ Average)]$ , where the "EUF Average" refers to the average grade obtained in the EUF edition taken by the applicant. The N1 grade will be calculated to the second decimal place.

4.4. The applicant who obtains N1 lower than 1.5 (one point five) will be disqualified.

4.5. The N2 grade consists in the *curriculum vitae* analysis.

4.6 The applicant's *curriculum vitae* has to be sent along with supporting documents for all bibliographical production described in the CV, which will be analyzed by the Admission Selection Committee according to the following criteria:

a) **Article published/accepted in an indexed scientific journal** (It is necessary to provide a digitalized copy of the paper's first page):

- 1.0 (one point zero) point if Qualis CAPES A1 and A2;
- 0.8 (zero point eight) point if Qualis CAPES B1 and B2;
- 0.5 (zero point five) point if Qualis CAPES B3 - B5.

b) **Paper submitted for publication in an indexed journal** (It is necessary to provide proof of submission and a digitalized copy of the paper):

- 0.3 (zero point three) point.

c) **Paper presentation in conferences by the candidate** (It is necessary to provide the digitalized copy presentation certificate):

- Presented by the candidate: 0.30 (zero point three) for oral presentation; 0.10 (zero point one) point for poster presentation;
- Co-authorship of the candidate: 0.15 (zero point one five) for oral presentation; 0.05 (zero point zero five) point for poster presentation.

d) **Scientific initiation** (It is necessary to present a digital proof):

- 0.25 (zero point two five) point per semester. Maximum of 1.0 (zero point zero) point for this item.

4.7. For scientific articles, the Qualis CAPES assignments for the most recent Astronomy and Physics area of the last two CAPES evaluations will be considered. In case there is no classification in the area of Astronomy and Physics, classification in related areas will be considered. For presentation of work, the points of presentation by the candidate and of oral presentation will be computed only if it is explicitly identified in the presentation certificate of the work.

4.8. Information entered in the curriculum, whose supporting documents are missing when submitting the application, will be disregarded *from* the curriculum analysis, as well as the sending of documents whose title is impossible to be attributed to the candidate.

4.9. The maximum total score for the N2 grade will be 4.0 (four point zero) points.

4.10. For applicants opting for the “doctoral admission with prior master’s degree”, the N3 grade will be calculated by the formula  $N3 = [2 - (M-24)*0.05]$ , where M is the number of months elapsed between admission and completion of the master’s degree.

4.11. For the degree length calculation, the applicant must provide a **document stating the date (month/year)** of admission and completion of the master’s degree.

4.12. The applicant who does not hold the master’s degree yet must provide a statement from their supervisor indicating the expected date of degree conferral.

4.13. For applicants opting for the “direct doctoral admission”, the N3 grade will be zero.

4.14. Applicants opting for the “direct doctoral admission” must necessarily:

- a) Have carried out scientific initiation research, or similar scientific activity, for a minimum period of 1 (one) year.

## 5. RESULTS RELEASE

5.1. The result of the selection process will be released online on the website: [ppgfsc.posgrad.ufsc.br](http://ppgfsc.posgrad.ufsc.br) and on the PPGFSC/UFSC notice board on the date provided in the item 2 of this call.

## 6. APPEALS

6.1. Applicant will be guaranteed the right to appeal against the application approval decision and the released ranking list.

6.2. The appeal must be reasonable, consistent and follow a logical argument.

6.3. The appeal must be addressed to the Admission Selection Committee, and submitted via e-mail to: [ppgfsc@contato.ufsc.br](mailto:ppgfsc@contato.ufsc.br).

6.4. No late appeals will be accepted. No fax, mail and/or similar appeals will be accepted.

## **7. THE SELECTION RANKING**

7.1. The final ranking list will follow the descending order of the grades obtained by each applicant.

7.2. In the event of a tie, the tiebreaker will be decided by the analysis of the applicants' academic records.

7.3. The candidate will be approved in the selection process if the final score (NF) is equal to or higher than 6.0 (six point zero).

7.4. The candidate approved in the selection process may enroll as a regular student of the program, even if he / she is not contemplated by the scholarship offer.

## **8. TERM**

8.1. The results of this selection process will be effective from the date of results release until the date of the next semester's selection process.

## **9. GENERAL PROVISIONS**

9.1. The approval in the selection process ensures to the applicant only the expectation of the right to admission into the PPGFSC/UFSC, being this admission as well as the granting of scholarships subject to the fulfillment of the relevant legal provisions, the strict ranking order, the scholarship committee's decision as recorded in its meeting minutes, and the term of this selection process.

9.2. The invitation for admission to the PPGFSC/UFSC doctoral program will be sent via e-mail to the applicant, to the e-mail address provided by the applicant in the online application form.

9.3. Failure to send all the requested documents will exclude the applicant from the selection process.

9.4. Applicants will not be provided with any proof of qualification in the selection process, serving for this purpose the final results released on the PPGFSC/UFSC website and notice board.

9.5. A student's application or admission may be canceled at any time if any statement is found to be false and/or any irregularity is detected in the supporting documents submitted with the application.

9.6. Submitting an application implies understanding and tacit acceptance of all the conditions established in this call and in other regulatory notices pertaining to this selection process, of which the applicant cannot claim ignorance.

9.7. The PPGFSC office will contact all the approved applicants, through the e-mail address provided in the application form, to inform about the pre-registration procedures. The pre-registration period is from October 28, 2020 to November 9, 2020. If an applicant decides not to enter the PPGFSC, he or she shall send an e-mail to [ppgfsc@contato.ufsc.br](mailto:ppgfsc@contato.ufsc.br) informing the withdrawal.

9.8. The applicant who is granted a scholarship and does not pre-register at the PPGFSC office within the pre-registration period will have the scholarship canceled and the next applicant in the ranking list will be contacted.

9.9. After admission to the doctoral program, the student who opted for the “doctoral admission with prior master’s degree” must present, until five business days before the beginning of the 2 nd semester of 2020 academic semester, a proof of master’s degree completion or a statement indicating that the master’s defense will take place up to thirty days after the beginning of the 2 nd semester of 2020semester, as defined in the UFSC academic calendar for Graduate Programs.

9.10. After admission to the master’s program. the student who opted for the “direct doctoral admission” must provide, until five business days before the beginning of the 2 nd semester of 2020 academic semester, a copy of the undergraduate diploma, or proof of degree conferral, or a statement indicating that the degree will be conferred up to thirty days after the beginning of the 2 nd semester of 2020 semester, as defined in the academic calendar for Graduate Programs.

9.11. Failure in presenting at least one of the documents listed in item 9.9 or 9.10, within the stipulated period, will result in the disqualification of the applicant.

9.12. The PPGFSC/UFSC will release, whenever necessary, calls, complementary rules and official notices about the admission process.

9.13. Situations not covered in this call will be referred to the PPGFSC/UFSC Admission Selection Committee.

Florianópolis, September 1, 2020.

IVAN HELMUTH BECHTOLD  
Graduate Program in Physics Coordinator

Annex I - Quantitative list of bibliographic production for curriculum analysis, duly completed

| Productions listed in letters a, b, c and d of item 4.6 of the Call for Applications |                            |           |
|--|----------------------------|-----------|
| Description  |                            | Quantity* |
| Article published/accepted in an indexed scientific journal                          | Qualis CAPES A1 and A2     |           |
|  | Qualis CAPES B1 and B2     |           |
|  | Qualis CAPES B3 - B5       |           |
| Paper submitted for publication in an indexed journal                                |                            |           |
| Paper presentation in conferences<br><b>(ORAL presentation)</b>                      | Presented by the candidate |           |
|  | Co-authorship              |           |
| Paper presentation in conferences <b>(POSTER presentation)</b>                       | Presented by the candidate |           |
|  | Co-authorship              |           |
| Scientific initiation (number of months)   |                            |           |

\* In the field "Quantity" enter the number of items of this production listed in your curriculum and number of months for scientific initiation.