



FEDERAL PUBLIC SERVICE  
FEDERAL UNIVERSITY OF SANTA CATARINA  
CENTER FOR PHYSICAL AND MATHEMATICAL SCIENCES  
GRADUATE PROGRAM IN PURE AND APPLIED MATHEMATICS  
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**PhD PROGRAM IN PURE AND APPLIED MATHEMATICS  
SELECTION PROCESS  
CALL 009/19  
GENERAL INFORMATION ABOUT PhD ADMISSIONS FOR THE FIRST  
SEMESTER OF 2020**

The Graduate Program in Pure and Applied Mathematics of the Federal University of Santa Catarina (UFSC) is opening applications for PhD candidates starting from the publication of this call to November 11<sup>th</sup>, 2019.

1. 10 (ten) positions will be open for the PhD Graduate Program, for admission in the first semester of 2020.
2. For application, candidates should present to the PhD Program's coordination, in a sealed envelope, all documents required in item "C" of this selection process call (from items "a" to "e"), except letters of recommendation, which must be send directly by the recommender via institutional email to [ppgmtm@contato.ufsc.br](mailto:ppgmtm@contato.ufsc.br).
3. Documents submitted after the closing date will not be accepted.
4. Applications containing incomplete documentation will be automatically excluded from the selection process.
5. The selection process for the PhD Graduate Program will follow the criteria established in item "D" of this call.
6. The final result will be announced on December 2<sup>nd</sup>, 2019, through the program web site.
7. The program reserves the right not to fill all available positions.
8. Selected applicants must contact the PhD Program's coordination on February 19<sup>th</sup> and 20<sup>th</sup>, 2020, to enroll.
9. Requests for reconsideration must be submitted in writing to the PhD Program's coordination within 48 hours of the results being disclosed, and the Selection Committee will have up to 3 business days to review and respond to requests.
10. Omissions will be analyzed by the PhD Program's board.

Florianópolis, September 3, 2019.

Marcelo Sobottka, PhD  
Coordinator

## ATTACHEMENT – CALL 009/2019 – PhD PROGRAM

A – APPLICATION PERIOD: From 03/09/2019 to 11/11/2019.

B – APPLICATIONS: Directly at the office of the Graduate Program in Pure and Applied Mathematics, until 12 noon, November 11<sup>th</sup>, 2019.

CFM – Center for Physical and Mathematical Sciences

Federal University of Santa Catarina (UFSC)

Florianópolis, SC

MATHEMATICAL BUILDING

APPLICATIONS MAY BE ALSO BY E-MAIL THROUGH:\*

[ppgmtm@contato.ufsc.br](mailto:ppgmtm@contato.ufsc.br)

\*Applications by e-mail must be submitted by 11:59pm on November 11<sup>th</sup>, 2019, in 6 (six) specific files referring to the documents required in Item C below (from “a” to “f”).

Subject of the e-mail: *PhD Application: Candidate Name*

C – REQUIRED DOCUMENTS:

- a) Filled application form (file available at <http://ppgmtm.posgrad.ufsc.br/ingresso/>).
- b) Copies of the Undergraduate Diploma or equivalent document and the Master’s Degree Diploma (if any) or equivalent document.
- c) Academic transcript of the Undergraduate and Master (if any)’s degree.
- d) Studies plan, WITHOUT SPECIFIC IDENTIFICATION, indicating area of interest and possible advisors. It should contain the activities you participated in while a master’s degree student and a plan of objectives to be set while a PhD student. Based on the PhD Program’s structure of courses, inform which subjects you want to study, which advisor (if you have already contacted any), area of concentration you want to follow and talk a little about your mathematical experiences.
- e) Short CV (maximum 2 pages).
- f) 2 (two) recommendation letters (model available at <http://ppgmtm.posgrad.ufsc.br/>).
- g) **If foreign candidate**, current temporary visa, permanent visa or Federal Police statement, certifying regular situation in the country for the purpose of study (can be provided after acceptance into the Program).

**General Observations:**

- 1) In the case of completing the Undergraduate or Master’s Degree, the applicant must present a history containing taken courses, grades and similar information until the second to last semester attended, accompanied by a statement from the Program Coordination stating the expected date of completion of the current course. The student’s acceptance into the PhD Program will be subject to the presentation of the diploma or certificate of completion of the undergraduate in the period of enrollment.
- 2) For foreign applicants, a current temporary visa (Type – VITEM IV), a permanent visa or a Mercosul Temporary visa will be required, with declaration by the Federal Police, attesting to the regular situation in the country for the purpose of study.
- 3) The applicant must have a personal checking account at the Banco do Brasil if he/she is awarded a scholarship.

#### D – ADMISSION PROCEDURE AND SELECTION CRITERIA:

- 1) Candidates will be selected by a committee designated by the Program Coordinator.
- 2) The committee will classify candidates according to the relevance of the study plan (with a weight of 10% in the final grade), letters of recommendation (with a weight of 20% in the final grade) and academic transcript (with 70% in the final grade).
- 3) The studies plan will be evaluated without the candidate's identification.
- 4) In each of the steps mentioned above, the committee will assign a score from 0 to 10, and the following criteria will be used for grading:
  - a) For the studies plan will be considered the clarity, mathematical logical chain, spelling correction and its relevance.
  - b) For the recommendation letters will be considered the content of the letters, addressing the academic potential of the candidate.
  - c) For the academic transcript and CV, 70% of grades will be based on the set of courses taken, 20% on presentations and publications of scientific papers and 10% based on other relevant academic activities.

#### E – RESULTS:

Those candidates who obtain a final grade, calculated as described in Item “D” above, equal to or higher than “7” will be considered approved. Candidates who fail to achieve a grade of “7” or above may be nominated to attend a Functional Analysis course at the Summer School 2020. The result of the selection will be communicated to applicants by December 2<sup>nd</sup>, 2019, and will be available on the web site of the program.

#### F – SCHOLARSHIPS:

The program has scholarships provided by CAPES, whose distribution is made by a scholarship committee, to full time PhD students. The approximate amount is R\$ 2.200,00 (August 2019 values). The granting of these grants is subject to confirmation by the funding agencies.