

**PhD Selection Process at the Federal University of São João Del-Rei – UFSJ - Brazil -
Announcement nº 002/2022**

The Provost of Research and Graduate Studies and the Coordinator of the PhD Program in **Bioengineering (PPBE)** at the Federal University of São João Del-Rei – UFSJ, exercising the powers vested in them by law, make public through this announcement, information and procedures regarding PhD Selection Process for International Students – Class starting in 2023.

1. Available Places and scholarships

1.1. Total number of available places at UFSJ PhD Program in PhD Program in **Bioengineering: 1 (one)**.

1.2 The selected **PhD** students will receive a scholarship granted by FAPEMIG - “Fundação de Amparo à Pesquisa do Estado de Minas Gerais” – www.fapemig.br

1.3 The value of each scholarship is R\$2.750 (two thousand, seven hundred and fifty reais) per month for 48 months.

1.4 The selection process will be on-line, however, if selected, the candidate will be required to have residence in the state of Minas Gerais, in Brazil.

1.5 Date of scholarship implementation and beginning of the Program: **March, 2023**.

2. About the PhD Program in Bioengineering (PPBE)

2.1. Program Description

The Postgraduate Program in **Bioengineering** aims to ensure qualified training for professors and researchers in several areas in **Bioengineering, and to work in Higher Education**. Faculty comprises mostly full-time professors of the Federal University of São João Del-Rei and EMBRAPA Milho e Sorgo, with research projects in **three** areas: **(1) Bioengineering of Cellular and Tissue Systems, (2) Bioengineering of Neuronal Systems, and (3) Bioengineering of Ecological Systems**.

2.2. Faculty and Research lines available for candidates

The faculty available to receive candidates for orientation in the **Bioengineering** Program, and the research line he belongs to should be accessed at:

https://ufs.edu.br/ppbeenglish/professors_and_technicians.php

2.3 Additional Information can be obtained by *e-mail* or *checking the homepage*:

Graduate Program	Homepage	Email
Bioengineering	https://ufs.edu.br/ppbe	ppbe@ufs.edu.br

3. Requirements:

3.1 To be able to participate in this selection process, candidates should:

I – be from a country other than Brazil. Candidates with Brazilian nationality are not eligible for this call;

II – be able to live in Brazil, in Minas Gerais state, city of **São João del-Rei, Divinópolis or Sete Lagoas**, depending on the laboratory where the research is carried out during the whole period in which they will be receiving the scholarship;

III – have completed an undergraduate degree by the time of enrollment;

IV – have language proficiency in one of the following languages: Portuguese, English or Spanish.

4. Applications

4.1 Applicants shall make their application online **from November 17th to December 9th**, through the following link:

https://docs.google.com/forms/d/e/1FAIpQLSd9qg_IEXH0zBG8RTbyIWyT84ivCTIrSZv8S_v6VrNm0OIXGQ/viewform?usp=sf_link

4.2 At the time of application, attach the following documents in PDF format in the appropriate space in the Electronic Form:

- I. Copy of the Identification Document with photo (valid passport, ID card, Driver's license or equivalent);
- II. Graduation School Records (in English or Portuguese);
- III. Graduation Diploma (front and back) or Graduation Certificate with Graduation date;
- IV. Copy of Master's Degree Diploma or certificate of conclusion (not mandatory, but will be punctuated);
- V. Language Proficiency Certificate in one of the required languages: Portuguese, English or Spanish;

- VI. Curriculum vitae (CV) with relevant proofs;
- VII. A letter of reference from a university professor in the home country
- VIII. Declaration of genuine documents (Appendix I);
- IX. Research Project having 6 pages maximum including the following: Title, Applicant's Name, Program Mentor's Name, abstract, introduction, objectives, methodology and bibliography. (Form: Times New Roman Font, size 12, space between lines 1.5 cm, margins 2.5 cm (top/bottom/right/left) and paper size A4).

Observations:

- (1) Language proficiency certificate is just required from candidates whose native language is not one of the required languages in the present call.

4.2.1 The files to be uploaded in this medium should not exceed 3 MB (mega-bytes) each in size.

4.3 Only academic activities whose proofs are uploaded in the electronic form during the application procedure will be considered for punctuation during the selection process.

4.4 It is the applicant's responsibility to attach clear documents. Illegible documents will not be accepted or evaluated.

4.5 Documents uploaded or delivered after the deadline for application will NOT be accepted.

4.6 It is the responsibility of the candidates to register within the deadline set out in the Call. UFSJ is exempt from any technical problems related to the server (communication failure, connection problems, internet access) that hosts the environment submissions or questions regarding files in formats or sizes outside the acceptable standard.

5. Selection Process

5.1 The selection process will be held from **December 12th to December 16th**, following the steps discriminated in Article 5.2 of this call.

5.2 Program in Bioengineering (PPBE)

5.2.1 The selection process for the **Bioengineering** Program will comprise two stages:

- I – Interview and Presentation of the Research Project - 10 points (Eliminatory);
- II - Curriculum Vitae – 10 points (classificatory);

5.2.1.1 The interview will comprise a 15-minute oral presentation of the Research Project, followed by questions from the examination committee.

5.2.1.2 The applicant's score in the interview will range from 0 to 10 points and it will

be calculated by the arithmetic average of the scores provided individually by each member of the examination committee.

5.2.1.3 Only candidates who obtain a grade greater than or equal to 7.0 in the interview will be approved for the classificatory phase.

5.2.1.4 The evaluation criteria for the interview and Research project presentation is presented in Table 1 below:

Table 1: Project evaluation criteria – Bioengineering Program

Evaluation Criteria	Score
1. Innovation and scientific / technological merit	1pt
2. Clarity of objectives and hypotheses	1pt
3. Clarity of methodology	1pt
4. Clarity and objectivity of the oral presentation	1pt
5. Observance of timing during presentation – ten-minute presentation	0,5pt
6. Skills and experience on the topic	2pt
7. Methodological and schedule feasibility	2pt
8. Financial and infrastructure viability	1pt
9. Insertion of the proposal in the research line	0,5pt
TOTAL	10pt

5.2.2 Curriculum Vitae Analysis: the Curriculum Vitae (CV) will be scored according to Table 2 below, covering academic titles and complementary training, scientific production, teaching activities and professional activities, with greater weight for scientific production items, especially articles published in indexed journals. The Curriculum Vitae with the highest number of points will receive a grade of 10 and the others will have their relative scores calculated in proportion to the best CV, according to their absolute scores:

Table 2 – Curriculum Vitae Evaluation Criteria

ITENS TO BE EVALUATED	POINTS
1. Paper published in Journals with JCR (Scientific Publication with Impact Factor)	Up to 30 points
2. Paper, with 4 or more pages, published in international annals.	Up to 5 points
3. Scientific book authorship	Up to 10 points
4. Book chapter authorship	Up to 5 points
5. Conference speaker	Up to 1 point
TOTAL	

6. Chronogram:

Applications through the electronic form: https://docs.google.com/forms/d/e/1FAIpQLSd9qg_IEXH0zBG8RTbylWYt84ivCTlrSZv8S_v6VrNm0OIXGQ/viewform?usp=sf_link	November 17th to December 9th, 2022
Selection process	December 12th to December 16th, 2022
Publication of Final Result	December 23 th , 2022
Scholarship implementation and enrollments	March, 2023

It is the responsibility of the candidate to follow the development of each stage of the selection process through the webpage:

https://ufsj.edu.br/ppbeenglish/selective_process.php

7. General Conditions

7.1. Applications imply applicant's knowledge, and acceptance of the rules and conditions set by this announcement.

7.2. Applicants will be excluded from this selection process if they:

I. Do not attend or arrive more than 10 minutes later for tests;

II. Behave in an incompatible way with the fairness of the event, according to the criteria established in this call.

7.3. Anything left unstated in this announcement will be resolved by the Provost of Research and Graduation Programs and the PhD Programs coordinators.

7.4. All time information is based on Brasília time zone.

Register, publish and comply.

Prof. Dr. André de Oliveira Baldoni - UFSJ Provost of Research and Graduate Studies

Profa. Dra. Liliane Assis Sade Resende – UFSJ Director of International Affairs

Prof. Dr. Antônio Márcio Rodrigues - Head of Graduate Programs in **Bioengineering**

APPENDIX I

DECLARATION OF GENUINE DOCUMENTS

(THIS DOCUMENT IS AN EXAMPLE. Please. fill in with your personal information and sign. It is accepted wet signatures or electronic signatures. This Certificate will be scanned and uploaded in the Application Form. during Application procedure.)

By this declaration, I, <name, nationality, marital status, profession, ID number, and address>, certify that all documents sent by mail are genuine, specifically.

I do certify to have the knowledge that, in case of my approval in the Selection Process 2022, I must provide original documents for inspection during enrollment.

I state before at Federal University of São João Del-Rei (UFSJ), the information above is true and I take responsibility, in case of this statement be false, I shall be subject to administrative, civil and penal enforceable penalties.

(City, Date)

Applicant's name legibly written and signature