

ANEXO - VERSÃO EM INGLÊS DO EDITAL

SCHOOL OF EDUCATION (FE-USP)

FEUSP CALL n. 47/2024

OPENING OF APPLICATIONS FOR THE PUBLIC TENDER AND ANALYSIS EXAMINATION OF TITLES AND OTHER EXAMS FOR THE PROVISION OF 01 (ONE) DOCTOR PROFESSOR POSITION, IN THE DEPARTMENT OF TEACHING METHODOLOGY AND COMPARATIVE EDUCATION (EDM) OF THE SCHOOL OF EDUCATION OF THE UNIVERSITY OF SÃO PAULO.

The Dean of the School of Education of the University of São Paulo (USP), hereby informs all those interested, as decided by the Congregation in session held on July 25th 2024, that applications will be open for a period of 60 (sixty) days, starting at 8 AM (Brasilia time) on the August 02nd 2024 to 5 PM (Brasília time) on the september 30th 2024, to the public tender and analysis of examination of titles and other exams to fill 01 (one) position of Doctor Professor, reference MS-3, in RDIDP, of post # 1233092, with the monthly salary of R\$ 15.498,97 (fifteen thousand, four hundred ninety-eight reais, and ninety-seven cents) as of May 2024, within the Department of Teaching Methodology and Comparative Education (EDM), for the area of Science and Mathematics Teaching, within the specificity of Mathematics; in accordance with art. 125, the first paragraph of the General Regulations of University of São Paulo (USP), and the program that follows:

1. Content and objectives of Mathematics teaching in the first five years of elementary/primary, Basic education;
2. Content and objectives of Mathematics teaching in the last four years of elementary/primary and secondary/high school Basic education;
3. Psychological Fundamentals of Mathematics teaching;
4. Proposals for teaching main contents of Mathematics in the curriculum of Basic education;
5. Methodological resources for the teaching of Mathematics: games, structured materials, the history of the concept of game, problem-solving, Information and Communication Technologies (ICTx) and corresponding pedagogical implications for Mathematics teaching;
6. Production and discussion of didactic units for Mathematics teaching in Basic Education concerning: numbers, operations and calculus, geometry, measurement, probabilities and statistics, functions, etc;
7. Analysis of relevant issues for the mathematics teacher in the first five years- primary/elementary Basic education: a) Mathematics and the literacy process; b) Mathematics in the technology information society; c) Interaction and communication in the Mathematics class; d) Mathematics and problem-solving; e) The role of play in Mathematics teaching; f) Assessment in Mathematics;
8. Analysis of relevant issues for the mathematics teacher in the last four years-primary/elementary Basic education and secondary/highschool Basic education: a) Mathematics in the technology information society; c) Mathematics and Language; d) Problem-solving and mathematical modeling; e) Assessment in Mathematics;

9. Different approaches in Mathematical Education(New technologies, History of mathematics, Problem-solving, Mathematical investigations, Ethnomathematics, Modeling, Critical Mathematics, etc.) e their contributions on curriculum design and pedagogical practices in elementary and secondary Basic Education;

10. Supervised internship and teacher education for Mathematics teaching in Basic Education.

The public tender will be ruled by constitutional principles, notably that of impersonality, as well as by the Statute and General Regulations of the University of São Paulo and the Regulations of the School of Education.

1. Applications must be made exclusively at the link <https://uspdigital.usp.br/gr/admissao> in the period indicated above, and the candidate must apply by addressing to the Dean of the School of Education of USP. The application form must contain personal data and the specialty of the Department to which it competes. The following documents are to be attached:

I - detailed Curriculum Vitae and proof of the published works, of the activities carried out pertinent to the public tender, along with any other information that allows the evaluation of her/his merits, in digital format.

II - proof that she/he holds the title of Ph.D. or Doctorate granted by USP, recognized by USP or of national validity;

III - proof of discharge with military service for male candidates;

IV - electoral discharge certificate or detailed certificate issued by the Electoral Court less than 30 days before the start of the application period;

V - official identification document.

§ 1st - Proof elements referred to in item 1 such as scale models, art pieces or any other materials which cannot be digitalized must be presented until the last day before the beginning of the tender exams.

§ 2nd - Dropbox, Google Drive links or any other links to sites or online pages will not be accepted as proof of items indicated in the CV.

§ 3rd - As requested in item II, defense minutes without the information about the period of homologation of the Doctorate degree (if this depends on the Institution which will issue the title) will not be accepted and therefore, the application will be invalidated.

§ 4th - Professors working at USP are not required to present information requested in items III and IV provided that they have already presented them for their initial work contract.

§ 5th - Foreign candidates do not have to attend what is requested in items III, IV and V. Foreign candidates must attach proof of her/his regular situation in Brazil.

§ 6th- The foreign candidate which is approved in the tender and indicated to fulfill the position will only take over if they present a temporary or permanent visa, which grants her/him permission to work in Brazil.

§ 7th - At the time of application, candidates who have any special needs must make a request so that the necessary conditions for doing the exams can be supplied.

§ 8th - The candidate is totally responsible for uploading each document in the specific fields indicated by the system at the link <https://uspdigital.usp.br/gr/admissao> . The application will be invalidated if documents are uploaded in incorrect fields.

§ 9th - The candidate is totally responsible for attaching full legible documents (front and back pages). The application will be invalidated if the candidate does not correct any uploading irregularity of an incomplete or illegible document during the period of application.

§ 10th - Documents uploaded after the period of application will not be accepted, even in the case of an appeal requested by the candidate.

§ 11th - At the time of application, the candidate who declares himself/herself black, brown or indigenous has to manifest his/her interest in participating in the differentiated punctuation, in accordance with item 11 and its paragraphs in this call.

§ 12th- In order to be eligible for the points related to black or brown self-declared candidates, the candidate needs to show phenotypic traits which characterize him/her as black or brown.

§ 13th - The self-declaration as black or brown made by the candidate who manifests his/her interest in participating in the differentiated punctuation is subject to confirmation by an hetero identification committee.

§ 14th - If the color/ethnicity racial identification is not confirmed, the candidate will be eliminated from the tender and, if he/she had assumed the position, his/her nomination will be annulled after the administrative procedures which guarantee him/her the right to appeal and full defense, without prejudice to other suitable penal sanctions.

§ 15th - In order to confirm the self-declaration of an Indigenous candidate, the administrative register of indigenous birth (RANI, in Portuguese) is required at the time of application; or, if the candidate does not have his/her own document, the administrative register of indigenous birth of one of his/her parents is accepted.

§ 16th - Exceptional situations may be evaluated by the Belonging and Inclusion Committee, which may admit the confirmation of self-declaration of the indigenous candidate through the submission of both a report *and* racial belonging declaration signed by the head of the

indigenous community (*cacique*) or aboriginal community (*tuxaua*), or by other leaders of communities, associations and/or organizations that represent the indigenous peoples of the candidate's region, under penalties of Law.

§ 17th- The current norms for presenting the documents referring to the self-declaration as black, mixed race (*pardo*) and indigenous, as well as for its confirmation are available in the General Regulations of University of São Paulo (USP) at: <https://secretaria.webhostusp.sti.usp.br/?p=12343> .

§ 18th - For item III, the documents accepted are listed under the article 209 of the Federal Decree nº 57.654/1966. Male candidates who have turned 45 (forty-five) years old until December 31st of the previous year preceding the opening of applications do not have to present proof of discharge with military service.

The applications will be judged by the Congregation of the School of Education of the University of São Paulo in its formal aspect and the decision will be published in a public notice.

Single paragraph - The public examination shall be held within thirty to one hundred and twenty days, from the date of publication in the Official Gazette (*Diário Oficial do Estado*) of approval of the applications, according to article 134, single paragraph, of the General Regulations of USP.

2. The competition shall be carried out according to objective criteria by the method of test scores, in two phases:

1st phase (eliminary) - written exam (weight 4)

2nd phase:

I) - Curriculum Vitae with public evidence of argument (weight 3)

II) - Didactic Exam (weight 3)

§1st: The convocation for the examination of those who applied for the position will be published in the Official State Gazette (*Diário Oficial do Estado*).

§2nd: Candidates who arrive after the exams have started will not be allowed to do them.

§3rd: In the evaluation process of exams by the Assessment Committee, it will be considered the goal exposed for the opening of the position (the teaching vacancy) to which the current tender is destined, available in the attachment of this current call.

I – First Phase: WRITTEN EXAM

1. The written exam will deal with matters of general and doctrinal order and will be carried out according to the provisions of art. 139 and its single paragraph, of the General Regulations of USP.

2. Only successful candidates in the first phase will participate in the second phase.

II – Second phase: PUBLIC ORAL EXAM, ANALYSIS OF CURRICULUM VITAE AND DIDACTIC EXAM

PUBLIC ORAL EXAM AND ANALYSIS OF CURRICULUM VITAE

3. The judgment of the curriculum vitae, expressed by a global grade, including judgment and evaluation, shall reflect the merits of the candidate.

Single paragraph - During the analysis of curriculum vitae, the commission shall appreciate:

- I - scientific, literary, philosophical, or artistic production;
- II - university didactic activity;
- III - activities related to the provision of services to the community;
- IV - professional or other activities, when applicable;
- V - diplomas and other university dignitaries.

DIDACTIC EXAM

4. The didactic exam will be public, with a minimum duration of forty and a maximum of sixty minutes, and will cover the program of the area of knowledge mentioned above according to the terms of article 137 of the General Regulations of USP.

SECOND PHASE ASSESSMENT

5. At the end of the assessment of the exams, each candidate will have from each examiner a final grade that will be the average of the grades awarded by her/him in both phases.
6. The result of the public tender will be proclaimed by the judging committee immediately after its end, in a public session.
7. Candidates who have obtained a minimum average grade of seven from the majority of examiners will be considered qualified.
8. The public tender will be valid immediately and only the candidate indicated by the competition will have the position.
9. The candidate will be called to assume the position by an official publication in the Official Gazette of the State (*Diário Oficial do Estado*).
10. Further information or access to norms related to the tender are available for consultation at the Academic and Technical Department of the School of Education, email atacfe@usp.br.

PURPOSE FOR REQUESTING THE POSITION

The current situation of the Language Area in the Department justifies the request, considering the general aims and objectives of the Academic Project of FEUSP. It is also necessary taking into account the broaden scope of the area, not only in teaching but also in research and extension activities. Hence, the department seeks a professor who is able to integrate de theoretical and practical dimensions, demonstrates specific knowledge about the interface of Art and Teachers Education, with

a focus on early childhood and the initial years of elementary school, as well as is capable of articulating this specific field to the most widespread issues in the area.

ATTACHMENT - JUSTIFICATION FOR THE OPENING

INDIVIDUAL WORK PLAN

Teaching undergraduate and graduate courses

The candidate hired for the position will share the responsibility of offering the following courses:

- Methodology of Mathematics Teaching 1 (Teaching program in Mathematics)
- Methodology of Mathematics Teaching 2 (Teaching program in Mathematics)
- Experimentation and Modeling (Teaching program in Mathematics and Teaching program in Chemistry)
- Theoretical and Methodological Fundamental of Mathematics Teaching (Pedagogy program)
- Integrated Internship In Teaching Mathematics and Sciences (Pedagogy program)
- Mathematical Education (Pedagogy program)

The candidate will be responsible for offering courses on a regular basis once accredited.

Beyond these demands, the hired professor will coordinate extension projects, such as the Mathematics club and Science and Mathematics workshops. The former one is an internship project which supports the Teaching courses and the interns working with the first four years of elementary school at the Application School- FE; and the latter has the same objective but the interns working with the school students in the last four years of elementary school/high school.

It is also expected that the hired candidate request scholarships for the undergraduate (within the PUB and PEEG programs) as well as graduate ones (within the PFP and PAE programs) and supervise their academic education.

Such courses are related to mandatory and optative ones, as part of the political pedagogical project of FEUSP and of the formative tracks. It is important to note that, when applicable, the hired professor will supervise practicum activities (mandatory internship supervision). Besides, the professor may be requested to offer courses in the graduation programme at FEUSP.

Research and Innovation

Goals: to consolidate and advance in the production/diffusion of knowledge, with the focus on teaching and learning Mathematics; to constitute a research group or participate in groups belonging to CNPq; to pursue financial resources in funding agencies that support research and innovation; to stimulate activities in the Mathematics club and workshops and the extension courses (the continuing teacher education activities, for example) as well as the production of pedagogical materials, etc.

Activities: Producing and implementing the professor's academic project; Supervising scientific initiation projects and similar ones; Supervising master's and Phd projects; Supervising postdoc projects; formulating and implementing projects related to improving the quality of Mathematics teaching; Organizing and participating in national and international scientific events.

Indicators and deadlines: Accreditation within the graduate program (short term); Requests for research funding within calls (short and medium-terms); Producing and implementing the professor's academic project (short term); participation in viva sessions and in final course writing assignments sessions (short and medium terms); Assessment ad hoc of scientific projects (short and medium terms); EProducing yearly reports related to the academic project (medium term) and to approved projects applied to funding agencies (short and medium terms); Publication of scientific papers, book chapters and/or complete books (own authorship or compilations) (short and medium terms); Number of supervised projects (medium term).

Culture and Extension

Goals: to develop projects and actions aiming at the continuing education of teachers working the public schools; to develop projects in partnership between FEUSP and public institutions with the aim of enhancing the pre-service and in-service teachers education; to promote attending to the students at School of Application-FE who face learning challenges; to foster support from the Rectorship, the Pro-Rectorships and funding agencies for the culture and extension projects; to integrate the Teaching courses undergraduate students and the graduate ones in projects related to the public schools in different systems; to supervise final course writing assignments (TCC) and teaching projects.

Activities: Actions within the unit in collaboration with public institutions of Basic education; courses, meetings, exhibits related to disseminate knowledge to teachers of Basic Education and society in general; production of interdisciplinary projects related to continuing teachers education.

Indicators and deadlines: Number of extension activities developed and attendance (short and medium terms); Establishing partnerships within schools and/or teachers, public school institutions, Museums of Sciences and other initiatives of formal/non-formal education; Participating in the extension activities promoted by the unit, such as the Mathematics club and workshops, or related to the teachers working at the School of Application, and the Toy Museum (short and medium terms); Constant data in the term reports related the activities developed by the CCEEx (medium term); Constant data in the term reports presented to PRCEU (medium term).

Management

The hired professor will have to actively participate in the commission under the statutory and non-statutory bodies. (medium and long terms).

Expected impact with the provision

Short, medium and long terms

The hired candidate will contribute to the Department by attending the minimum mandatory requirements for the courses in the Teaching program; and maintain, on a regular basis, the teaching, research, extension and management activities related to the academic projects of the

department and the unit. The hired candidate will act with the community by the teaching and extension activities, as well as produce knowledge related to Mathematics teaching.

Having the position filled responds to a demand of replacement requested by the department in order to better balance the distribution of courses and activities (in the undergraduate and graduate programs) and regain the conditions for the full dedication of professors working in the area.