

NOTICE ATAECA /ECA-USP/23/2024

The Dean of the Escola de Comunicações e Artes da Universidade de São Paulo announces the opening of one faculty PhD Professor positions, under a Full-Time Regime (RTC in the Portuguese acronym), specialty "Communication, Interpretation of Quantitative and Qualitative Data" (nº 1242652 full-time service). The position requires a commitment to teaching and the ability to conduct independent research. Applications will be accepted between 06/07/2024, at 08h30 a.m., to 08/05/2024, at 04p.m. (GMT-3). The entry-level monthly salary is R\$6,494.95 (May/2023) plus benefits.

The public competition will cover the following program:

Program: "Communication, Interpretation of Quantitative and Qualitative Data"

1. Mathematical knowledge and Statistics.
2. Continuous and discrete variables. Variables and graphs. Population and sample.
3. Frequency distributions; class ranges and limits; amplitude and midpoint; frequency histograms and polygons (cumulative).
4. Mean, Median, Mode. Sum, averages and measures of central tendency; weighted average; quartiles, deciles and percentiles.
5. Standard deviation and other measures of dispersion. Average deviation; standard deviation and variance; coefficient of variation.
6. Elementary Probability Theory. Conditional probability; dependent, independent and mutually exclusive events; mathematical hope; combinatorial, factorial analysis.
7. Sample spaces, probability in discrete sample spaces.
8. Elementary sampling theory. Sampling distributions, with and without replacement; standard errors.
9. Correlation theory. Correlation and linear regression (overview).
10. Hypothesis testing. Statistical hypotheses; hypothesis testing and significance in normal and binomial distribution.
11. Index numbers and their application.
12. Systems and processes for obtaining data on public opinion.
13. Data organization and analysis systems and processes.
14. Preparation of reports and presentation of results.
15. Ethical issues in Statistics.

The public competition will be governed by Brazilian constitutional principles, notably that of Impersonality, as well as by the Statute and the General Regulations of the Universidade de São Paulo and the Regulations of the Escola de Comunicações e Artes.

Candidates are required to apply online, at the website <https://uspdigital.usp.br/gr/admissao>, in the period indicated above. Candidates must submit their personal information (name, RG, CPF, nationality, marital status, landline and cellphone numbers, residential and electronic addresses), and indication as to the knowledge area (Communication, Interpretation of Quantitative and Qualitative Data) along with the following documents:

I – detailed memorial and proof of published works, relevant activities regarding the selection process, and any other information allowing for an evaluation of merits, in digital format;

II – proof that the candidate holds a Ph.D.'s degree, granted or acknowledged by USP, or nationally acknowledged (Brazilian acknowledged);

III – proof of discharge from military service for male candidates;

IV – voter registration card or 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 (front and back).

The selection process will occur according to objective criteria, in two stages, by attribution of scores in exams, and thus divided:

- 1st stage (eliminary) - written exam (weight 2)

- 2nd stage:

I) Evaluation of the memorial with a public argumentation exam (weight 5);

III) Didactic exam (weight 3).

Further information and rules relevant to the public competition of titles and tests are available to interested parties at the Academic Technical Assistance of the Escola de Comunicações e Artes da Universidade de São Paulo, located at Av. Professor Lúcio Martins Rodrigues, 443, 1 st floor, room 189, telephone +55 11-3091-4338, electronic address concursoseca@usp.br, or on our website Academic Technical Assistance | Escola de Comunicações e Artes – ECA/USP