

CALL FOR FACULTY POSITION
ANNOUNCEMENT 24/2025/CENA/DVACAD

APPLICATIONS ARE NOW OPEN FOR THE SELECTION PROCESS FOR A DOCTOR PROFESSOR POSITION AT THE CENTER OF NUCLEAR ENERGY IN AGRICULTURE, UNIVERSITY OF SÃO PAULO, BRAZIL.

The Director of the Center of Nuclear Energy in Agriculture, University of São Paulo (CENA/USP), Brazil, announces all interested persons that, per the decision reached at the extraordinary session of the Deliberative Council held on July 3th, 2025, applications are open for 90 (ninety) days, **from July 17th, 2025, at 8 a.m., to October 15th, 2025, at 5 p.m. (GMT -3)**, for the selection process of titles and examinations to fill one (1) position of Doctor Professor, position n° 1266110, in full-time dedication service.

The position requires commitment to teaching and ability to conduct independent research in the study area: **“Advanced spectrometric techniques for analysis of biological samples and nanomaterials”**. The selection process will comprehend the following program:

- Development and validation of methods for analysis of biological samples and nanomaterials.
- Preparation of biological samples for spectrometric analysis: fundamentals, state of the art and perspectives.
- Inductively coupled plasma mass spectrometry (ICP-MS): fundamentals, instrumentation and applications.
- Analysis of chemical speciation in agronomic, environmental and food samples.
- Hyphenation of spectrometric techniques to chromatographic and solid analysis techniques.
- Fundamentals, analytical challenges and applications of laser-induced plasma optical emission spectrometry (LIBS).
- Fundamentals, analytical challenges and applications of molecular absorption, vibrational and luminescence spectrometric techniques.

The selection process will be governed by Brazilian constitutional principles, notably that of impersonality, as well as by the provisions of the Statute and General Rules of the University of São Paulo and the Internal Rules of the Center of Nuclear Energy in Agriculture.

The selection process will be carried out according to objective criteria, in two stages, through the attribution of scores in exams, divided as follows:

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

2nd stage:

I) evaluation of the Memorial with public proof of argumentation (weight 4)

II) didactic exam (weight 2)

III) presentation of the research project and respective arguments (weight 3)

The exams can be performed in Portuguese or English.

The call for applicants to take the exams will be published in the Official State Gazette. Candidates who present themselves after the established time will not be able to take the exams.

The official announcement in Portuguese is available at <https://uspdigital.usp.br/gr/admissao> where registration applications must be made during the period stated above.