



**LORENA SCHOOL OF ENGINEERING – EEL/USP**  
**POST-GRADUATE PROGRAM IN ENGINEERING OF MATERIALS - PPGEM**  
**2025**

**SELECTION PROCESS FOR PhD IN CONTINUOUS FLOW FOR CANDIDATES**  
**WITH MASTER'S DEGREE**

Applications for the Postgraduate Program in Materials Engineering (PPGEM) for a Doctorate (PhD) are open at EEL-USP, from March 17, 2025 until 11:59 p.m. on October 30, 2025, on a continuous basis, for candidates who already have a master's degree.

Registrations must be made exclusively electronically, by filling out the registration form and inserting supporting documents in the corresponding fields, in numbered and named files, according to the item 4 of this notice. Only documents in searchable PDF format (PDF/A ISO 19005) and with appropriated resolution will be accepted; image files in jpeg, png, gif, tif, etc. formats will not be accepted. In this sense, all documents that require the interested party's signature must be signed electronically (certified electronic signature: GOV.BR, DocuSign or equivalent), according to the CoPGr Circ. 12/2023.

The candidate's registration will imply tacit acceptance of the rules and conditions established in this Notice, in relation to which the candidate cannot claim ignorance.

The candidate must read all instructions stipulated in this notice before registering and be responsible for the information provided in the Registration Form.

**1. NUMBER OF VANCACIES IN 2025: 15 (fifteen)**

Registration from March 17, 2025 until 11:59 pm on October 30, 2025, exclusively by electronic means – registration and submission of the documents required in item 4.

**2. DEADLINES**

In-person and oral presentation of the research project within 30 business days after confirmation of registration, scheduled by the PPGEM coordinator. At the discretion of the Program, the presentation of the project may be made via videoconference.



Result: within a maximum of 10 business days after the oral presentation of the research project.

### 3. REGISTRATION IN PPGEM

Once approved in the selection process, the CPG will publish the result (item 2) on the official website <https://cpg.eel.usp.br/> and will call the candidate to register. This call will specify the location, date and time for registration.

### 4. DIGITAL DOCUMENTS REQUIRED FOR SELECTION APPLICATION

- 4.1. A recent 3x4 photo in image file format jpeg, png, gif, tif, etc;
- 4.2. Registration Form. Fill out via the link [www.inscricao.eel.usp.br](http://www.inscricao.eel.usp.br), to be filled out and signed electronically with a qualified signature (for example, certified electronic signature: Gov.br, DocuSign or equivalent);
- 4.3. Separate digital copies:
  - 4.3a) CPF,
  - 4.3b) RNM (National Migration Registry) or 4.3c) Passport Number;
- 4.4. Digital Copy of Master's Degree Transcript;
- 4.5. Digital copy of the Master's Degree Diploma or Declaration of approval of the Master's dissertation, containing the date of the dissertation defense. Only candidates in the final period of the Master's degree are exempt from presenting the Master's Degree Diploma or Declaration of approval of the Master's dissertation at the time of registration, however they will be essential for enrollment, if the candidate is classified;
- 4.6. Detailed and documented personal/academic *Curriculum Vitae*. Preferably the Lattes CV. Attach only the documents listed in item 6 of this notice, if applicable. Documents not listed in the aforementioned item will not be considered in the evaluation;
- 4.7. Digital Study Plan duly completed and signed, available at the link: <https://cpg.eel.usp.br/aluno/formularios/plano-de-estudo> em **Plano de Estudo** (PPG Engenharia de Materiais) Doutorado - Doutorado Fluxo Contínuo;
- 4.8. Research Project with a maximum of 20 pages, (double spaced and Arial font size 12), in digital “pdf” format; The manuscript of the thesis project must contain: title, objective, justification, relevant bibliographic review, experimental procedure, originality, necessary resources, funding agency, schedule of activities and references;



4.9. Digital letter of referral from the future advisor, containing the justifications for the request: a) based on merit, b) on the advisor's expertise on the topic, c) on the originality of the research work proposal, d) on the candidate's academic performance, e) on the candidate's scientific maturity and list, regarding the project topic and in the last 5 years, the works published in a journal with their respective QUALIS in the area of Engineering II, completed supervisions and funded projects;

4.10. Digital Lattes CV of the future supervisor containing the production of the last 5 years on the project theme, in terms of publications, completed supervisions and funded projects;

4.11. Digital Guidance Commitment Form duly completed and signed, available at the link:

[https://cpg.eel.usp.br/sites/files/cpg/arquivos/formularios/12\\_Termo\\_Compromisso\\_de\\_Orientacao.pdf](https://cpg.eel.usp.br/sites/files/cpg/arquivos/formularios/12_Termo_Compromisso_de_Orientacao.pdf)

## 5. SELECTION CRITERIA

Candidates must present their research projects, lasting no more than 30 minutes, to a panel of two members chosen by the CCP. The call for applications and other information regarding the presentation will be made available after confirmation of registration by the PPGEM coordinator/secretary. The evaluation of the project/candidate by the panel is not public, and third parties are not allowed to attend. It is important to emphasize that the original nature of the proposal must be emphasized in the written and oral presentation of the project.

The evaluation by the members of the Examining Board will be carried out according to the topics:

5.1. Content (35% of the final grade): (a) Clarity of objectives; (b) Methodology and approach to the problem; (c) Infrastructure equation for carrying out the project; (d) Economic viability of the project; (e) Adequacy and currentness of the bibliography; (f) Expertise of the advisor in the project theme, proven by guidelines and scientific articles; (g) Scientific originality of the proposal;

5.2. Project presentation (10% of the final grade): (a) Formatting; (b) Quality of preparation and clarity of figures and tables; and (c) Writing;

5.3. Oral presentation (35% of the final grade): (a) Logical sequence of the presentation; (b) Confidence and mastery of the subject; (c) Quality of the answers given;



5.4. Quantitative evaluation of *Curriculum Vitae* + Academic Transcript (20% of the final grade).

The PPGEM secretariat will provide the evaluators with the consolidated digital spreadsheet of the points computed in item 5.4 for verification, in accordance with the documentation submitted by the candidate regarding item 4.3.

The final grade will be obtained by the arithmetic mean of the grades given by the two members of the examining board. Only candidates who obtain a final grade equal to or higher than 5 (five) will be approved. The examining board may also propose corrections to the research project and a resubmission, which must occur within 30 days, before assigning the final grade to the candidate. If this period is not met, the candidate will be considered not approved.

## **6. QUANTITATIVE EVALUATION OF CURRICULUM VITAE + ACADEMIC TRANSCRIPT.**

When analyzing the curriculum, undocumented information will not be computed for the composition of the grade for this item.

### **6.1. *Curriculum Vitae*:**

6.1.1. Scientific Initiation: only IC lasting 6 months or more will be considered; 0.6 points for the first semester and 0.1 for each additional month. Limited to 2.4 points;

6.1.2. Monitoring may only be considered if carried out for at least 6 months during the undergraduate period, with 0.9 points for each semester of monitoring. Limited to 1.8 points;

6.1.3. Undergraduate teaching: 0.5 points per semester. Capped at 2.0 points;

6.1.4. The following scores will be considered for publications from the last 05 (five) years and with themes related to Engineering and Exact Sciences. Only publications with ISSN/ISBN will be accepted, when applicable;

- a) Full article in an international journal with selective editorial policy: 2.00 points;
- b) Patent: 1.50 points;
- c) Full article in a national journal: 0.75 points;
- d) Full paper in international conference proceedings: 0.75 points; limited to 3 points;
- e) Full paper in national conference proceedings: 0.50 points; limited to 2 points;
- f) Abstract at international conferences: 0.25 points; capped at 1.0 point;



- g) Abstract at national conferences: 0.10 points; capped at 1.0 point;
- h) Book chapter: 1.5 points; capped at 3.0 points.

6.1.5. Papers at scientific conferences can only be counted if they have already been presented. Scientific articles will only be considered if they prove, at the very least, final acceptance by the editor.

#### 6.2. Academic Record:

The total time of the master's degree and the performance coefficient will be considered in the evaluation.

6.2.1. The performance coefficient will be calculated by the arithmetic mean of the grades obtained in the master's degree, according to the following criteria:

- a) Grade A = 9.0 points;
- b) Grade B = 7.0 points;
- c) Grade C = 5.0 points;
- d) Grade D = 0.0 points.

6.2.2. Performance Coefficient (CR) of the master's degree (taking into account failures, if any);

- a) Equal to or greater than 9.0 – 1.5 points;
- b) Between 7.0 and 8.9 – 1.0 points;
- c) Between 5.0 and 6.9 – 0.5 points;
- d) Less than 4.9 – 0.0 points.

6.2.3. Total time spent on the master's degree (not taking into account the time spent on leave, if applicable);

- a) Up to 24 months – 1.5 points;
- b) From 25 to 30 months – 1.0 points;
- c) From 31 to 36 months – 0.5 points;
- d) Over 37 months – 0.0 points.

## 7. DOCUMENTS REQUIRED FOR REGISTRATION

7.1. Application for First Regular Enrollment, duly completed and signed by the PPGEM coordinator and the Supervisor (sent by PPGEM, duly signed);



- 7.2. Copy of the diploma, front and back, or declaration of completion of the Master's degree;
- 7.3. Copy of the Master's degree transcript;
- 7.4. Copy of the diploma, front and back, of the Undergraduate course;
- 7.5. Copy of the undergraduate degree transcript;
- 7.6. Copy of the CPF (including for foreigners);
- 7.7. Copy of the ID (driver's license, class registration, military registration or others will not be accepted);
- 7.8. Copy of the RNM or Protocol with number for foreign candidates;
- 7.9. Copy of the Birth and/or Marriage Certificate;
- 7.10.01 (one) recent 3x4 photo.

## 8. FINAL CONSIDERATIONS

- 8.1. Location of the in-person/remote assessment: Área II da EEL/USP. Adress: Estrada Chiquito de Aquino, nº 1000 – Bairro Santa Lucrecia, Lorena, SP – CEP: 12.612-550;
- 8.2. Registration may only be carried out at the Secretariat of the Graduate Studies Committee - CPG in Area I of the Lorena Campus, by the candidate himself/herself. Enrollment by proxy or third parties will not be accepted. Enrollment Location: Área I da EEL/USP, Comissão de Pós-Graduação - CPG: Fone (12) 3159-5051 ou 3159-5015, e-mail: [cpg@eel.usp.br](mailto:cpg@eel.usp.br);
- 8.3. A data e The timetable for the Defense of the Research Project of the candidates classified for the Doctorate in Continuous Flow will be communicated by the PPGEM Secretariat, by email;
- 8.4. Candidates who fail to attend or fail to complete any of the stages that require physical/remote presence, or who fail to enroll when called by the CPG, will be considered to have withdrawn from the selection process;
- 8.5. The PPGEM CCP will be responsible for applying the criteria described in this notice, with the exception of the requirements for the first regular enrollment.;
- 8.6. The results will be approved by the CPG;



- 8.7. This selection process will only be valid for the registration period stipulated in this Notice;
- 8.8. Omissions will be decided by the CCP and the CPG;
- 8.9. The candidate's registration implies acceptance of the rules and instructions for the selection process contained in this Notice and in the announcements already issued or that may be made public;
- 8.10. The acceptance of the application will be made official only after all documents requested in item 4 have been submitted, in accordance with this notice.

## 9. ADDITIONAL INFORMATION:

### 9.1. Location of Area I – place of registration

Escola de Engenharia de Lorena – EEL/USP

Secretariat of the Postgraduate Committee - CPG:

Fones: (12) 3159-5051 ou 3159-5015; e-mail: [cpg@eel.usp.br](mailto:cpg@eel.usp.br)

Address: Estrada Municipal do Campinho, s./n.º, CEP: 12.602-810 - Lorena/SP

### 9.2. Location of Area II – physical/remote examination site

Secretariat of the Postgraduate Program in Materials Engineering – PPGEM:

Fone: (12) 3159-9909, e-mail: [ppgem-eel@usp.br](mailto:ppgem-eel@usp.br)

Site: <http://www.ppgem.eel.usp.br/>

Address: Estrada Chiquito de Aquino, nº 1000 – Bairro Santa Lucrecia, Lorena, SP –  
CEP: 12.612-550.