



**UNIVERSIDADE FEDERAL DE SÃO CARLOS
PROGRAMA DE PÓS-GRADUAÇÃO EM ENGENHARIA QUÍMICA**

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Site: www.ppgeq.ufscar.br



**CALL FOR APPLICATIONS PPGEQ/UFSCAR No. 01/2026
MASTER'S DEGREE**

Call for Applications for Admission to the Master's Degree Program in Chemical Engineering at UFSCar for the 2nd Academic Semester of 2026

The Coordination of the Graduate Program in Chemical Engineering (PPGEQ) at the Federal University of São Carlos (UFSCar) announces the opening of applications and establishes the selection process for candidates for the Master's Degree in Chemical Engineering at the Graduate Program in Chemical Engineering at the Federal University of São Carlos.

The PPGEQ, consisting of master's and doctoral courses, has a single area of concentration, Research and Development of Chemical Processes, and 6 (six) research areas, namely: 1 – Particulate Systems, 2 – Heterogeneous Chemical Reactors and Catalysis, 3 – Biochemical Engineering, 4 – Environmental Control, 5 – Simulation and Control of Chemical Processes, 6 – Thermodynamics and Separation Processes.

1. Vacancies

- i. This selection notice offers **25 vacancies** for the master's course, distributed among the faculty members accredited in the PPGEQ. Vacancies will be filled according to the descending order of the score received by the candidates, based on a first-call list and a waiting list.
- ii. The number of places available for the master's program is contingent upon the number of places that faculty members accredited to the PPGEQ (Postgraduate Program in Chemical Engineering) can offer, according to the criteria established in

the current PPGEQ Internal Regulations.

- iii. Candidates will compete for the 25 vacancies offered in this call for applications and not specifically for the vacancies offered by professors belonging to one of the 6 research areas. Candidates may contact professors offering topics of interest to verify the possibility of supervision. After the vacancies offered by a particular professor are filled, that professor will no longer be able to supervise, and in this case, the candidate may contact another professor from the same or another research area.
- iv. This call for applications includes affirmative action policies aimed at three social groups, as described in item 2.
- v. If all vacancies are not filled, no new selection process will be held.

2. AFFIRMATIVE ACTION POLICY

The Affirmative Action Policy adopted by the Graduate Program in Chemical Engineering was implemented in this call for applications in accordance with the Affirmative Action Policy for Graduate Studies at UFSCar, approved at the 120th ordinary meeting of the Graduate Council (CoPG) on July 1, 2020 (available at <https://www.propg.ufscar.br/pt-br/assets/arquivos/gestao-do-conhecimento/normas/politica-de-acoes-afirmativas.pdf/@@download/file/Pol%C3%ADtica%20de%20A%C3%A7%C3%B5es%20afirmativas.pdf>) and implemented in the Graduate Programs of UFSCar by COPG Resolution No. 13, of April 25, 2022. (Available at https://sei.ufscar.br/sei/publicacoes/controlador_publicacoes.php?acao=publicacao_visualizar&id_documento=737423&id_orgao_publicacao=0).

The Affirmative Action Policy adopted in the PPGEQ is composed of three types of actions, namely:

- i. Quota of up to 20% of the offered places for self-declared Black candidates (including Black or Brown), according to the IBGE (Brazilian Institute of Geography and Statistics) characterization;
- ii. Quota of 1 place for self-declared Indigenous candidates;
- iii. Quota of up to 5% of the offered places for candidates with disabilities.

Observations:

a) For the purposes of this notice, candidates are considered to have a disability who fall under Article 2 of Law No. 13.146, of July 6, 2015, and the categories described in Article 4 of Decree No. 3.298, of December 20, 1999, as amended by Decree No. 5.296, of December 2, 2004, and in § 1 of Article 1 of Law No. 12,764, of December 27, 2012 (Autism Spectrum Disorder), and those contemplated by the statement of Summary No. 377 of the Superior Court of Justice (STJ), observing the provisions of the Convention on the Rights of Persons with Disabilities and its Optional Protocol, ratified by Decree No. 6,949, of August 25, 2009.

b) Candidates intending to compete for vacancies reserved under affirmative action policies must, at the time of application, declare themselves as belonging to only one of the following social groups: self-declared Black (including Black or Brown); Indigenous; persons with disabilities. By self-declaring as belonging to one of the social groups, candidates are aware that, in case of ideological falsehood, they will be subject to the sanctions prescribed by the Penal Code and other applicable legal penalties.

c) Candidates who are not interested in competing for the positions reserved under the affirmative action policy must indicate this at the time of application, and will then compete for the general admission positions.

d) All candidates will participate in the same selection process, without the selection committee members knowing which ones opted for the quotas. The names of those opting for quotas will only be revealed to the selection committee when the list of classified candidates is consolidated.

e) The ranking list will be published in descending order of scores, keeping the candidates' names anonymous. For this purpose, the first five digits of the candidate's CPF (Brazilian taxpayer identification number) will be used.

f) In case of withdrawal by a Black, Indigenous, or disabled candidate, the vacancy will be filled by the next Black, Indigenous, or disabled candidate classified for the reserved positions.

(g) If there are not enough approved Black, Indigenous, or disabled candidates to fill the reserved positions, the remaining positions may be reverted to the general competition, being filled by the other approved candidates in order of classification.

3. PUBLICATION OF THE CALL FOR APPLICATIONS AND THE PERIOD FOR APPEALS

The deadline for challenging or requesting clarifications regarding the text of this call for applications will be 10 days from the date of its publication – May 4, 2026 (see schedule in Annex I), by completing the form (Annex II) and sending it to the email ppgeq-coordenacao@ufscar.br. The Postgraduate Committee in Chemical Engineering (CPG-EQ) will analyze the requests for challenges and/or clarifications of the text of the call for applications and will publish the results on the PPGEQ/UFSCar website (<https://www.ppgeq.ufscar.br/pt-br/processo-seletivo/mestrado-1>).

4. Applications

To register for the master's program, it is necessary to hold a degree from undergraduate courses in the areas of Exact Sciences, Technology, or Biological Sciences.

4.1. Applications will be accepted from May 14th to June 11th, 2026 (until 6:00 PM Brasília time, see Schedule in Annex I), by completing the application form available at <https://forms.gle/ZsPasX6M9YuURnWH6>.

4.2. APPLICATION DOCUMENTS AND SUBMISSION METHOD

4.2.1. Application form, completed correctly in all mandatory fields, in which the candidate must inform about any relationship or connection with any preliminary members of the selection committee (Annex III). The candidate's relationships or connections with members of the preliminary selection committee to be reported on the application form are:

- i. Member who is or has been the candidate's spouse or partner, even if they have legally separated or divorced;
- ii. Member who is an ascendant, descendant, or collateral relative of the candidate up to the third degree, whether such kinship is by consanguinity or affinity;

- iii. Member who has a close friendship or notorious enmity with the candidate or with their respective spouses, partners, or blood relatives up to the third degree;
- iv. Member who is a partner in the same business company as the registered candidate;
- v. Member who is part of the board of directors of any type of association in which the registered candidate is also a director;
- vi. Member who is litigating judicially or administratively with the candidate or their respective spouse or partner;
- vii. Other situations of impediment or suspicion provided for by law.

Observations

- a) Candidates who self-declare as Black (including Black and Brown) at the time of registration should only check the Self-Declaration of Race/Color field on the form.
- b) Candidates who self-declare as Indigenous at the time of registration must present, at the time of enrollment, a declaration of their ethnic belonging, signed by recognized leaders of their respective community.
- c) Candidates who choose to compete for vacancies reserved for people with disabilities, if approved, must submit at the time of enrollment a medical report or a report from a specialist in the area of the candidate's disability, issued within the last 24 months, attesting to the type/area and degree or level of disability, in accordance with Article 4 of Decree No. 3,298, of December 20, 1999, with express reference to the corresponding code of the International Classification of Diseases (ICD) and/or International Classification of Functioning, Disability and Health (ICF), as well as the probable cause of the disability.
- d) Requests to challenge a member of the preliminary selection committee must be substantiated and accompanied by supporting documents, within the period indicated in the Schedule (Annex I), and must be submitted exclusively electronically (email: ppgeq-coordenacao@ufscar.br). Requests to challenge members of the preliminary selection committee will be analyzed by the CPG-EQ/UFSCar.

4.2.2. Copies of proof of registration in the Individual Taxpayer Registry (CPF) and of an identification document with photo (identity card or national driver's license). If the candidate is a foreigner, submit copies of the passport (page containing photo and

document number).

4.2.3. Copy of the undergraduate degree diploma, accompanied by the corresponding academic transcript. Provisionally, an official certificate of completion of an undergraduate course will be accepted for registration, or a statement issued by the Course Coordination indicating that the undergraduate course will be completed before the enrollment period (Annex I – Schedule). In this case, also attach the Academic Transcript of the undergraduate course.

Observations:

a) If a certificate of completion is presented, enrollment will be conditionally approved upon presentation of the respective registered diploma within a maximum period of one year from the enrollment date; otherwise, the student will be dismissed from the Program;

b) If a declaration of expected graduation date is presented, enrollment will be conditionally approved upon presentation of the graduation certificate within a maximum period of 6 (six) months from the enrollment date. In this case, the provisions of the previous observation regarding the deadline for presenting the respective diploma also apply;

Method for submitting personal and academic training documents: the documents listed in items 4.2.2 and 4.2.3 (in this sequence) must be scanned and saved in ONE SINGLE FILE in Portable Document Format (PDF). The file must be named as follows: Candidate's Full Name_Documents_Notice-01-2026;

4.2.4. Copy of the updated Lattes Curriculum Vitae (<http://lattes.cnpq.br>) up to the date of completion and submission of the application form.

4.2.5. Simple copies of the full text of all publications (articles, proceedings, abstracts) to be counted according to the scoring rule of this call for proposals (item 6). All publications must be proven through certificates, correspondence (including electronic) or other evidence from the journal/publication vehicle. Articles in journals accepted for publication, if duly proven, will be counted.

Submission Method for Lattes Curriculum and Scientific Production: The documents listed in items 4.2.4 and 4.2.5, in that sequence, must be scanned and saved in ONE SINGLE FILE in Portable Document Format (PDF). The file should be named as follows: Candidate's Full Name_Lattes-and-Scientific-Production_Call-for-Proposals-01-2026.

General Observations:

(i) The inclusion and/or substitution of documents will not be permitted after the completion and submission of the application form, even if within the registration deadline.

(ii) Only applications with complete documentation, whose application form has been correctly completed and submitted electronically by the date indicated in this call for proposals (see Annex I - Schedule), will be forwarded to the master's selection committee.

(iii) Candidates will compete for vacancies offered by the PPGEQ faculty, which, along with the topics offered in this notice, will be published on the PPGEQ/UFSCar website (<https://www.ppgeq.ufscar.br/pt-br/processo-seletivo/mestrado-1>).

(iv) Only candidates who meet all the requirements of this notice and who have submitted all the required documents will have their applications accepted.

(v) Applications whose application forms are incomplete or incorrect, as well as duplicates, will be rejected.

(vi) The list of accepted and rejected applications, as well as the reason(s) for rejection, will be published on the PPGEQ/UFSCar website (<https://www.ppgeq.ufscar.br/pt-br/processo-seletivo/mestrado-1>) according to the Schedule in Annex I;

(vii) Candidates whose applications are rejected may file a duly justified written appeal (template in Annex II), submitting it electronically (email: ppgeq-coordenacao@ufscar.br) within the deadline established in Annex I – Schedule;

(viii) The result of the judgment indicating the reasons for acceptance or rejection of the appeals related to rejected applications, and the final result of the accepted applications will be published on the PPGEQ/UFSCar website (<https://www.ppgeq.ufscar.br/pt-br/processo-seletivo/mestrado-1>) according to the schedule of this notice (Annex I).

5. FROM THE SELECTION COMMITTEE

The Master's Selection Committee will be composed of 03 accredited professors from the PPGEQ (complete list in Annex III) and will be announced on the PPGEQ/UFSCar website (<https://www.ppgeq.ufscar.br/pt-br/processo-seletivo/mestrado-1>) according to the schedule of this notice (Annex I).

Requests to challenge a member of the selection committee must be substantiated and accompanied by supporting documents, within 10 days from the date of publication of the committee, indicated in the schedule of this Notice (Annex I), and must be submitted exclusively electronically (e-mail: ppgeq-coordenacao@ufscar.br).

Requests to challenge members of the selection committee will be analyzed by the CPG-EQ/UFSCar.

6. SELECTION PROCESS

The PPGEQ/UFSCar selection process does not include written or oral exams and consists of a single classification stage. The assignment of points and the final ranking are based on an analysis of the candidates' curriculum and academic transcripts by the master's selection committee appointed by the CPG-EQ/UFSCar.

The criterion used to classify candidates for the PPG-EQ master's program is based on the score obtained in the classification analysis, according to Equation 1:

$$Pontuação = (N - 5) \left(\frac{D}{10} \right) + kE + Tg + IC + DC + Pub \quad (1)$$

where

N: overall average of the grades obtained by the candidate in the subjects of their original undergraduate course. If the candidate's academic transcript, provided by the institution of origin, does not provide this information, the overall average will be calculated as the arithmetic mean of the grades, according to Equation 2:

$$N = \frac{\sum_{i=1}^n N_i}{n} \quad (2)$$

where N_i is the grade obtained in subject i , and n is the number of subjects taken by the

candidate in their original undergraduate course.

D: Minimum number of semesters for completion of the candidate's original undergraduate course, considering:

D = 10 semesters for engineering courses;

D = 8 semesters for bachelor's and licentiate degree courses.

E: Index assigned to the candidate's original course according to the Faculty Guide – 2024 Edition

(<https://publicacoes.estadao.com.br/guia-da-faculdade//edicoes-anteriores/Guia-da-Faculdade-2024.pdf>), where the value of E will be equal to the number of stars assigned to the course. Courses not evaluated by the aforementioned guide will have indices:

E=2.0 if it is a Chemical Engineering course from a public institution;

E=1.0 if it is a Chemical Engineering course from a private institution or another Engineering course from a public institution;

E=0.0 for other courses not evaluated by the aforementioned guide.

k: Index assigned to the type of course:

k = 1.0 if it is a Chemical Engineering course;

k = 0.8 if it is another engineering course;

k = 0.5 if it is another course in the area of exact sciences and technology;

k = 0 if it is another course different from the previous ones;

Tg: Number of semesters elapsed until the completion of the candidate's original undergraduate course.

For candidates from engineering courses:

Tg = 1.0 up to 12 semesters;

Tg = 0 above 12 semesters.

For candidates from courses such as Bachelor's or Licentiate degrees in Physics, Mathematics, Chemistry, or other courses in Exact Sciences and Technology:

$T_g = 1.0$ up to 10 semesters;

$T_g = 0$ above 10 semesters.

IC: Research initiation (only one scientific initiation will be considered).

IC = 2.0 if the candidate has conducted research in a scientific initiation program, duly proven in the application documentation submitted to PPG-EQ-UFSCar; otherwise, IC = 0.

DC: Courses taken

If the candidate has taken fundamental courses of PPGEQ/UFSCar (ENQ-150, ENQ-250, ENQ-350, ENQ-450 and ENQ-550, see <https://www.ppgeq.ufscar.br/pt-br/programa/disciplinas>) as a special student no more than three years before possible enrollment as a regular student of PPGEQ/UFSCar and has obtained grades A or B, the DC value will be calculated using Equation 3, considering a maximum of 03 (three) courses:

$$DC = NDC \quad (3)$$

where NDC is the number of courses taken in the PPGEQ/UFSCar program with a grade of A or B.

Pub: candidate's publication index, given by Equation 4:

$$Pub = 3PI + 2PLC + 2AI + 1AN \quad (4)$$

where:

PI: number of publications in journals classified according to the "Qualis Journals of the Engineering Area II of CAPES (2021-2024)" (<https://sucupira.capes.gov.br/sucupira/public/consultas/coleta/veiculoPublicacaoQualis/listaConsultaGeralPeriodicos.jsf>), each weighted by the following indices: Qualis A1 = 1; A2 = 0.875; A3 = 0.75; A4 = 0.625; B1 = 0.50; B2 = 0.375; B3 = 0.25; B4 = 0.125; C = 0.0 (values defined based on the CAPES Qualis Journals Final Report, p. 10,

September/2020, available at https://www.gov.br/capes/pt-br/centrais-de-conteudo/18012023Relatorio_GT_Qualis_Periodicos.pdf. Journals not registered in the “CAPES Engineering Area II Qualis Journals (2021-2024)” will not be counted.)

PLC: number of patents granted, books and book chapters published, with a saturation value $PLC=2$.

AI: number of full papers published in proceedings of international events, with a saturation value $AI = 2$.

AN: authorship of full papers published in proceedings of national events, with a saturation value $AN = 2$.

Observations:

- i. Only publications and activities from the last five years, duly proven by simple PDF copies submitted by the candidate at the time of application, will be considered.
- ii. Productions of the PI and PLC types will be divided by the number of authors, except when the candidate is the main author (first or last author).
- iii. For AI and AN type publications, only those in which the candidate is the first author will be counted. Critério de desempate:

In the event of a tie, the candidate with the highest score in the publications index (Pub) will be ranked higher, according to the following order: PI, PLC, AI, and AN. If the tie persists, the older candidate will be ranked higher.

7. RESULTS AND DEADLINES FOR APPEALS

7.1. The list of accepted and rejected applications will be published on the PPGEQ/UFSCar website (<https://www.ppgeq.ufscar.br/pt-br/processo-seletivo/mestrado-1>) on June 30, 2026. Candidates whose applications are rejected may appeal the rejection within 10 days from the date of publication of the respective list (see Schedule in Annex I).

7.2. The results of the selection process (ranking of candidates whose applications were accepted) will be released on July 14, 2026, and candidates will have 10 days to appeal the final result of the selection process. The results of the appeals and the final list of selected candidates will be published on July 24, 2026, on the PPGEQ/UFSCar website (<https://www.ppgeq.ufscar.br/pt-br/processo-seletivo/mestrado-1>). Candidates must contact the Program professors after the topics are announced and before the enrollment date for the second semester of 2026, according to the schedule in this notice (Annex I).

7.3. Enrollment is scheduled for August 3rd and 4th, 2026, according to instructions and procedures to be communicated to the selected candidates in due course.

Observations:

a) Selected candidates should consult the PPGEQ/UFSCar website to confirm the enrollment period and the method of enrollment (in person at the PPGEQ secretariat or remotely via electronic form).

b) Classified candidates who do not enroll within the stipulated deadline will be automatically eliminated from the selection process and will lose the right to do so later. If this occurs, the next classified candidates will be contacted by email and enrollment will take place on the same day until 6:00 PM (Brasilia time).

8. FINAL PROVISIONS

i. Enrolled candidates will form a ranking list prepared by the PPGEQ scholarship management committee following criteria governed by the Complementary Norms in force at the time of enrollment. The scholarships available in the Program will be distributed following the descending order of this list.

ii. Other issues not foreseen in this notice will be resolved by the CPG-EQ/UFSCar, together with the PPGEQ master's selection committee.

Notice approved at the 1st Extraordinary Meeting of the Postgraduate Commission in
Chemical Engineering (CPG-EQ), held on 04/13/2026.

ANNEX I – TIMELINE OF THE PPGEQ/UFSCAR CALL FOR PROPOSALS No. 01/2026

Publication of the call for applications	04/05/2026
Deadline for challenging or requesting clarifications on the text of the call for applications	04 to 13/05/2026 (until 18h00*)
Publication of the results of challenges and requests for clarifications on the text of the call for applications	14/05/2026
Application period	14/05/2026 to 11/06/2026 (until 18h00*)
Publication of research topics	28/05/2026
Publication of the members of the selection committee	12/06/2026
Deadline for challenging members of the selection committee	12/06 to 22/06/2026 (until 18h00*)
Publication of the new selection committee, if any challenge request has been deemed valid	23/06/2026
Publication of the list of accepted and rejected applications	30/06/2026
Deadline for appealing rejected applications	30/06 to 10/07/2026 (until 18h00*)
Final list of accepted applications and results of appeals against rejected applications	14/07/2026
Publication of the selection results and waiting list	14/07/2026
Deadline for appealing the final result of the selection process	14/07 to 24/07/2026 (until 12h00*)
Publication of the results of the appeals	24/07/2026
Publication of the final list of selected candidates	24/07/2026
Enrollment of selected students	03 and 04/08/2026
Start of classes (estimated)	17/08/2026

* **Brasilia time.**

ANNEX II**APPEAL REQUEST**

City, Date.

To: Prof. Dr. Ruy de Sousa Junior
Coordinator of PPGEQ/UFSCar

Ref.: Request for <<challenge/clarification>>
PPGEQ/UFSCar Notice No. 01/2026

I, <<name>>, holder of CPF No. <<number> and RG No. <<number>>, enrolled in the Selection Process for the Master's course of the Postgraduate Program in Chemical Engineering, PPGEQ/UFSCar Notice No. 01/2026, hereby submit an appeal with the objective of <<specify the objective>> based on the following justification <<detail the reasons that support the request>>.

Sincerely,

Candidate's Name and Signature

ANNEX III
MEMBERS OF THE PRELIMINARY SELECTION COMMITTEE

Prof. Adilson José da Silva
Prof. Alberto Colli Badino Junior
Prof. André Bernardo
Prof. Antonio Carlos Luperni Horta
Prof. Antonio José Gonçalves da Cruz
Dra. Cristiane Sanchez Farinas
Prof. Diego Andrade Lemos
Prof. Edson Luiz Silva
Prof. Ernesto Antonio Urquieta-González
Prof. Fábio Bentes Freire
Profa. Fernanda Perpétua Casciatori
Prof. Felipe Fernando Furlan
Prof. Francisco Guilherme Esteves Nogueira
Profa. Gabriela Cantarelli Lopes
Dra. Henriette Monteiro Cordeiro de Azeredo
Profa. Janaína Fernandes Gomes
Prof. João Batista Oliveira dos Santos
Prof. José Maria Corrêa Bueno
Prof. Luís Augusto Martins Ruotolo
Prof. Marcelo Perencin de Arruda Ribeiro
Profa. Mônica Lopes Aguiar
Prof. Paulo Waldir Tardioli
Prof. Rodrigo Béttega
Prof. Ruy de Sousa Junior
Profa. Thais Suzane Milessi Esteves
Prof. Thiago Faggion de Pádua
Profa. Vádila Giovana Guerra