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**GRADUATE PROGRAM IN AGRICULTURAL ENGINEERING  
SCHOOL OF AGRICULTURAL ENGINEERING - FEAGRI**

Selection Process for Master and Doctorate Courses Admission 1<sup>st</sup> Semester 2023

NOTICE No. 02/2022

This notice was approved by the Graduate Committee on 09/23/2022

**PRELIMINARY PROVISIONS**

The selection process, which enrollments are opened by this notice, aims to fill the existing available vacancies for the master and doctorate courses of the graduate program (PPG) of the School of Agricultural Engineering - FEAGRI, of the University of Campinas - UNICAMP, for admissions in the 1<sup>st</sup> semester of 2023.

For information on agricultural engineering graduate program, such as concentration areas (CA), research lines (RL), school and curriculum structure, please visit: <https://www.feagri.unicamp.br/portal/pos-graduacao>.

**1) VACANCIES**

The available vacancies may be filled by candidates approved in the selection process whose research line are compatible to ones available at FEAGRI. The acceptance of professors participating of the selection process is also necessary.

See the Vacancies Table – Attachment II.

**2) SCHOLARSHIPS**

Approval in the selection process does not guarantee scholarship. Applicants must express interest in a scholarship during the interview stage. It is not mandatory to PPG grants scholarships. Those interested in applying for scholarship will be classified according to curriculum score and will compete with regular PPG students. Scholarships will be awarded according to availability. Internal rules for awarding scholarships is accessed through the link: <https://www.feagri.unicamp.br/portal/guia-do-pos-graduando/bolsa-de-estudo>.

**3) APPLICATION**

PRIMARILY, we strongly recommend the candidate make a prior contact with the desired advisor in order to consult him/her about his/her vacancies availability for new students advisory. According to the professor response, the candidate may start the registration for the selection process.

3.1) The applicant must fill:

3.1.1) \*Online registration form, available on the Academic Board (DAC) website: [https://sistemas.dac.unicamp.br/siga/ingresso/candidato/efetuar\\_login\\_candidato.xhtml?cod](https://sistemas.dac.unicamp.br/siga/ingresso/candidato/efetuar_login_candidato.xhtml?cod)

[e=1497038006922](https://www.feagri.unicamp.br/intranet/#!/posgraduacao/processoseletivo/mestrado/novo) (option “inscrição em cursos na Pós-Graduação)

3.1.2) \*FEAGRI graduate program form, on the FEAGRI website, through the addresses:

<https://www.feagri.unicamp.br/intranet/#!/posgraduacao/processoseletivo/mestrado/novo>

for master program, and

<https://www.feagri.unicamp.br/intranet/#!/posgraduacao/processoseletivo/doutorado/novo> for doctorate program.

Along with this form, the documents requested in item 3.2 of this notice must be submitted.

On the FEAGRI page, the application must be completed in full and submitted at the same time.

It is the candidate's full responsibility to send the files correctly for the FEAGRI system. The candidate must take note of the format of the file names, as directed below. If it is not inserted in the system as oriented, it will make impossible for us to evaluate the documents. This will imply the cancellation of your registration or impair the score of your resume.

**ATTENTION TO THE GUIDELINES ON NAMES OF THE FILES TO BE INSERTED IN THE FEAGRI SYSTEM:**

- File name without accent and words linked by underline sign "\_", example: certificate\_married.pdf ou certificate\_birth.pdf;
- We recommend the storage of all necessary files in a single folder on your computer in order to facilitate the future searching. In some fields more than one file may be selected.

*The FEAGRI registration system, after completing the forms and uploading the documents, will provide a protocol number to confirm the sending of the requested documents.*

**REGISTRATION ACCEPTANCE:**

Registration will be accepted upon compliance with the requirements and delivery of all documentation within the registration period established by this notice. Both, the information provided at the time of registration, and the upload of the requested documents are the sole responsibility of the applicant. The PPG does not take any responsibility in relation to non-confirmation of the registration submission or errors in files inserted in the system.

Master's students which have already taken the qualification exam may apply for doctorate program upon declaration signed by the advisor and graduate program coordinator stating the probable date of the thesis defense.

3.2) Below, follows the list of documents that must be submitted for master and doctorate selection processes:

3.2.1) \*DAC registration form duly signed.

3.2.2) \*Letter of intent: In this document the candidate must demonstrate how his/her academic education and experience is appropriate to FEAGRI PPG, and how this will help him/her in the project development linked to the Research Lines of the intended advisor indicated in the registration; in addition, you should talk about the objectives you want to achieve and what are the reasons why you want to attend graduate program at FEAGRI.

3.2.3) \*Research Plan: For selection purposes, the candidate must write a project linked to one of the research lines of the desired advisor, which will be evaluated by the judging committee. This project does not necessarily need to be the one will be developed after approval. The text must contain the following items: title, summary, introduction, material and methods, expected results, execution schedule and bibliographic references. The file must be configured in Times New Roman or Arial font, size 10, spacing 1.0, and contain between 5 and 10 pages.

3.2.3) \*Diploma or certificate of completion of undergraduate courses (for master candidates) and postgraduate courses (for doctoral candidates). If you do not already have the master certificate but have already carried out your dissertation defense, forward the declaration of approval of the educational institution to which you obtained your master's degree. In cases where dissertation defense will still be carried out, forward the official document of the educational institution stating the date of the defense's appointment. IMPORTANT! at the time of registration, it will be necessary to present the master's Diploma, or declaration of the educational institution with the information of approval of the defense.

3.2.4) \*Resume Lattes: the candidate must upload his/her Resume Lattes updated, in pdf (full curriculum), in addition to inserting the link in the indicated field. Please access CNPq (Brazilian Research Council) in [www.cnpq.br](http://www.cnpq.br) and look for Platform Lattes.

IMPORTANT! all the items mentioned in the Lattes must be linked to their respective supporting document. The fields on the registration form for inclusion of the documentation are divided into the following categories:

**Education:**

- Graduation and master's school history, the latter when applicable, including any disapproval and registration locks.
- Certificates of improvement courses (>180 hours)
- Certificates of specialization courses (>360 hours)
- Extension course certificates (>30 hours)
- School history of subjects attended as a special student in graduate program
- Participation in events as a listener (workshops, seminars, and congresses)
- Participation with paper presentation - oral or poster
- Participation in event organization committee (workshops, seminars, and Congresses)
- Participation in events as a listener (workshops, seminars, and Congresses)

**Experience in Research and Teaching:**

- Certificate or proof of participation in teaching internship programs or equivalent modality
- Proof of teaching experience as employment, highlighting the number of semesters taught
- Advise or co-advise of scientific initiation or/ and final undergraduate work

- Scientific initiation
- Internships in teaching
- Internships in laboratories for more than three months
- Researcher or similar position in research and development laboratory, extension activities in cooperatives, associations or governmental organizations
- Orientation or co-orientation of scientific initiation and undergraduation final work
- Participation in judgement commission of of undergraduate course final work.
- Evaluation of papers in scientific events

**Scientific and Academic Production:**

- Articles published in event annals (full text)
- Articles published in journals (first page) or accepted for publication (proof of acceptance)
- Books

**Technical Production:**

- Patents and/or software

**Extracurricular:**

- Professional, academic and/or scientific awards
- Student representation in the academic field

3.3. Personal Documents:

- \*Identity document (RG) for Brazilian candidates
- \*RNE or passport for foreign applicants
- \*All documents listed above are mandatory.

*After the registration period the system will be closed, and face-to-face registrations will not be accepted.*

4) PROGRAM ADMISSION:

For admission as a regular student at master level, the candidate must present as a minimum requirement, a higher education diploma. For PhD level, evidentiary document of master's degree. In the case of Brazilian universities, the diploma should be recognized by MEC.

Only selected students who, on the date of enrollment, have already obtained the title of master may be enrolled in the doctorate program.

5) ANALYSIS AND JUDGMENT

It will be up to the FEAGRI graduate committee, the desired advisor and the evaluating committee to analyze, judge and classify candidates. The evaluation committees of each concentration area shall consist of three professors working in the area.

5.1) The selection of candidates will follow these eliminatory steps:

5.1.1) Analysis of curriculum and school records by CPG: eliminatory phase (minimum score 5.0) – weight 2

The school records and curriculum scoring criteria of the candidates for master's and doctoral courses are available in attachments I and II.

5.1.2) Evaluation of the candidate's profile and the research plan carried out by the evaluating committee and intended advisor: eliminatory phase (minimum score 5.0) - weight 1  
Evaluation Criteria

I - Evaluation of the candidate's profile, letter of intent and curriculum history  
Adequacy of the candidate's training and experience to the PPG concentration areas and the advisor's lines of research  
Objectives and reasons of the candidate to attend the PPG FEAGRI  
Evaluation of the candidate's profile by the advisor

II - School Records Assessment  
Evaluation of academic performance during the undergraduate and master's degree course  
Performance in disciplines related to the research line pleaded by the candidate  
Average Income Coefficient in undergraduate and graduate studies (for doctoral candidates)

III - Evaluation of the Research Plan  
Adequacy of the theme to the RL of the advisor and CA of the PPG  
Connection between title and introduction, as well as references used  
Clarity of objectives and hypotheses  
Clarity of methodology  
Consistency of Expected Results and Schedule

Result/Note = (Mean (I)\*2 + Average (II) + Average III\*2)/5

5.1.3) Interview. Candidates will be interviewed by the members of the Evaluating Committee and the desired advisor. Eliminatory Stage (minimum score 5.0) - weight 1.

5.1) Candidates who score less than 5.0 (five) in any of the evaluations (Eliminatory Phase) will be eliminated of the selection process. CPG will be responsible for scheduling the date for the interview and the call in the period established in the Notice. At the discretion of the Evaluating Committee, interviews may take place remotely *or in person*.

5.2) The interviews will be conducted by the Evaluation Committees in each Concentration Area indicated by the CPG. In the interview will be evaluated the potential and interest of the candidates, as well as their technical knowledge and the theoretical basis for the development of the course.

## 6) APPROVAL

6.1) The candidate will be deemed approved upon approval *in the* three stages of the selection process. For a vacancy tiebreaker, your final classification will be considered (weighted average of grades in the three stages), respecting the number of vacancies available by the advisor indicated in the candidate's registration.

6.2) If the teacher offers fewer vacancies than the number of approved, the tiebreaker will be the highest average among the candidates, following the score rating of the curriculum. If the first candidates do not register, the next entry will be invited to the registration.

6.3) The approved candidate must register on 02/06/2023 to 02/08/2023 or in the period of supplementary enrollment on 03/02/2023, according to the UNICAMP Graduate School Calendar.

6.4) There is no obligation on the part of the PPG, with the total filling of vacancies or granting of scholarships.

6.5) The candidate who is approved and not classified for the positions of the desired advisor may be appointed by the evaluating committee to fill remaining vacancies of another professor in the same concentration area, provided that there is consensus between the candidate and the professor indicated.

## 7) RESULT OF THE SELECTION PROCESS

The result of the selection process will be presented by the CPG, respecting the proposed schedule. The list of approved will be published on the FEAGRI website and official communication by e-mail DAC, following the order of classification of candidates.

## 8) APPEAL

If the candidate has justification to contest the result of the Selection Process, he/she may file an appeal addressed to CPG/FEAGRI, through the e-mail address: [cpg@feagri.unicamp.br](mailto:cpg@feagri.unicamp.br), within one (1) workday counted from the date of publication of the result on the FEAGRI website.

## 9) GENERAL PROVISIONS

9.1 During the Selection Process, any communication with CPG - Graduate Commission, should be done by e-mail ([cpg@feagri.unicamp.br](mailto:cpg@feagri.unicamp.br)).

## 10) CANCELLATION OF THE NOTICE

The candidate signature in the Registration Form presupposes his acceptance of the Terms of this Notice, as well as the fulfillment of the conditions required for participation in the Selection Process. The applicant who does not do so until the first working day prior to the deadline set for the closing of registrations, shall be debased on the right to cancel the terms of this notice.

## 11) REVOCATION OR CANCELLATION OF THE NOTICE

At any time, this notice may be revoked or annulled, in whole or in part, either by unilateral decision of the graduate committee of FEAGRI, or for reasons of public interest or legal requirement, in a reasoned decision, without this implying the right to indemnification or

claim of any kind.

Omitted cases and situations not provided for in this Notice will be analyzed and judged by the Graduate Commission of FEAGRI.

**Annex I**

Calendar

<b>Data</b>	<b>Atividade</b>
10/06/2022	Disclosure of the Notice of the Selection Process on the FEAGRI website.
10/06 to 11/16/2022	Registration Period
Until 21/11/2022	Dissemination of the results of the Curriculum and History(s) School(s) Stage on the FEAGRI website - Knockout Phase.
Until 25/11/2022	Dissemination of the profile analysis stage and research plan - Knockout Phase and disclosure of the dates and times of the interviews
11/25/2022 to 11/27/2022	Deadline for candidates to confirm the scheduling of interviews
11/29 a 12/02/2022	Interview period
Until 12/05/2022	Dissemination of the results of the interviews
02/06 a 02/08/2023	Enrollment Period
03/02/23	Supplementary Registration



## Anex II

Table of vacancies

Teacher	Teacher's area of activity:	Course	Vacancies	Profile of the desired candidate	* Vacancy conditioned
Antonio Pires de Camargo	Irrigation engineering	Masters	1		
Antonio Pires de Camargo	Irrigation engineering	Doctorate	1		
Ariovaldo José da Silva	Água e Solo/Saneamento	Masters	2	Those interested will work on environmental sanitation projects. It is desirable to graduate in one of the courses: Civil Engineering, Environmental Engineering, Sanitary Engineering, Agricultural Engineering, Agronomic, Agronomy, Biology, or Sanitary Technology. It is also desired that candidates have English language proficiency compatible with level B1 (intermediate) of the Common European Framework of Languages, knowledge and skills on statistical tools and software (experimental planning, descriptive statistics, univariate and multivariate analysis) and computer tools (e.g. Microsoft word, excel, powerpoint). Ability to write and oral communication, proactivity, ability to work in groups and good interpersonal relationships are indispensable characteristics.	1
Barbara Teruel	Digital Agriculture	Masters	2		

Teacher	Teacher's area of activity:	Course	Vacancies	Profile of the desired candidate	* Vacancy conditioned
Barbara Teruel	Digital Agriculture	Doctorate	2		
Daniella Jorge de Moura	Digital Agriculture-sustainable precision animal science	Doctorate	1		
Daniella Jorge de Moura	Digital Agriculture-sustainable precision animal science	Masters	1		
Daniella Jorge de Moura	Rural Buildings and Ambience	Doctorate	1		
Gustavo Mockaitis	Biotechnology and Bioenergy	Masters	2	Successful scientific initiation stage (with publications), preferably in the area of bioprocesses or pyrolysis. Familiarity with fermentation processes: anaerobic digestion or 1G/2G ethanol production or familiarity with biomass pyrolysis processes. Knowledge in instrumental analytical techniques (chromatography, spectrometry) and/or control and automation systems (using arduino or other prototyping interface) will be an extremely valued feature. The candidate should also be able to work in a competitive group, in addition to mastering the English language for reading and writing at an advanced or fluent level.	

Teacher	Teacher's area of activity:	Course	Vacancies	Profile of the desired candidate	* Vacancy conditioned
Jose Teixeira Filho	Water and soil	Doctorate	2		
Jose Teixeira Filho	Water and soil	Masters	2		
Júlio César Dalla Mora Esquerdo	Geotechnology	Masters	2		
Julio Soriano	Rural Buildings and Ambience	Masters	2	Knowledge or interest in the use of ansys software	
Julio Soriano	Rural Buildings and Ambience	Doctorate	1	Knowledge or interest in the use of ansys software.	
Lucas Rios do Amaral	Precision Agriculture	Masters	1	Interest in specializing in various areas of precision agriculture, without being restricted to the scope of his master's project. Need for pro-activity and ability to work in groups. The ability of written and oral communication is indispensable. Knowledge about precision agriculture technologies, remote sensing and soil science will be considered differentials, as well as experience in GIS software and programming language.	

Teacher	Teacher's area of activity:	Course	Vacancies	Profile of the desired candidate	* Vacancy conditioned
Lucas Rios do Amaral	Precision Agriculture	Doctorate	1	The candidate must have the main objective of becoming a scientist and/or professor, having as specialty precision and digital agriculture, not being restricted to the scope of his doctoral project. It should present pro-activity and group work capacity. The ability of written and oral communication is indispensable. Knowledge about precision agriculture technologies, remote sensing and soil science will be considered differentials, as well as experience in GIS software and programming language. Exclusive dedication to the doctorate is desirable.	
Marco Tulio Ospina Patino	Systems Management in Agriculture and Rural Development	Doctorate	3		1
Rafael Augustus de Oliveira	Post-Harvest Technology	Masters	2		
Rafael Augustus de Oliveira	Post-Harvest Technology	Doctorate	2		

Teacher	Teacher's area of activity:	Course	Vacancies	Profile of the desired candidate	* Vacancy conditioned
Raquel Gonçalves	Non-destructive methods applied to materials, structures and trees	Masters	3	In the disclosure of vacancies I will indicate the most specific lines of research associated with a desired profile for candidates for each of the rows with vacancies available.	
Raquel Gonçalves	Non-destructive methods applied to materials, structures and trees	Doctorate	2	In the disclosure of vacancies will be detailed the numbers of vacancies for the different lines of research with the respective desired profiles.	
Rubens Augusto Camargo Lamparelli	Geotechnologies applied to the monitoring of agricultural areas and crop forecasting	Masters	1	Remote Sensing, primary knowledge of computer language (R and/or Python), English-language	1
Rubens Augusto Camargo Lamparelli	Geotechnologies applied to the monitoring of agricultural areas and crop forecasting	Doctorate	1	Prior knowledge of Remote Sensing. R and/or Python computing language nodes. Advanced english understandings in writing and understanding.	1
Rubens Augusto Camargo Lamparelli	Geotechnologies applied to the monitoring of agricultural areas and crop forecasting	Doctorate	1	Prior knowledge of Remote Sensing. R and/or Python computing language nodes. Advanced english understandings in writing and understanding.	1
Thais Queiroz Zorzeto Cesar	Vegetable ambience	Masters	1		

Teacher	Teacher's area of activity:	Course	Vacancies	Profile of the desired candidate	* Vacancy conditioned
Vanilde Esquerdo	Agroecology, family farming and sustainable rural development	Doctorate	1		1
Zigomar Menezes de Souza		Masters	1		
Zigomar Menezes de Souza		Doctorate	2		1

\* The conditioned vacancy is released upon completion of the course by the regular student.

To contact teachers, go to: <https://www.feagri.unicamp.br/portal/corpo-docente/docentes-da-pos-graduacao>