

# Graduate Program in Soil Science and Plant Nutrition - UFV

## Call for Applications 04/2026 SNP-UFV

The Graduate Program in Soil Science and Plant Nutrition of the Federal University of Viçosa (SNP-UFV) makes public the opening of the selection process for the Master's and Doctoral degrees for the second semester of 2026 (2026-II).

The selection of candidates will be carried out by the Coordinating Committee of the SNP-UFV, subject to ratification by the Graduate Council of the Dean of Research and Graduate Studies of the UFV.

The selection process follows the General Call for Enrollment in Graduate Programs *stricto sensu* of the UFV. The document is available at: <http://www.ppg.ufv.br/wp-content/uploads/2012/08/EDITAL-GERAL.pdf>

It is the responsibility of the candidates to verify the information related to the present selection process that is disclosed in the General Call of the UFV (previous paragraph) and on the web page of the Graduate Program in Soil Science and Plant Nutrition of the Federal University of Viçosa (<http://www.possolos.ufv.br>).

Admission will take place in accordance with the School Calendar of the UFV Graduate Studies, available on the School Registrar's website ([www.res.ufv.br](http://www.res.ufv.br)).

### 1. POSITIONS

1.1 The selection process aims to fill 3 (three) positions for the Master's degree within the Groups:

- **Group 1 - Pedology** (Genesis, classification, pedometry, geochemistry, and soil mineralogy)
- **Group 2 - Soil management** (Physics, agroecology, organic matter, and soil biology)
- **Group 3 - Edaphology** (Chemistry, soil fertility, and plant nutrition)

One vacancy will be reserved according to Resolution 08/2019 of the CEPE-UFV (<http://www.soc.ufv.br/wp-content/uploads/08-2019-CEPE-A%C3%A7%C3%B5es-Afirmativas-P%C3%B3s.pdf>), which deals with the “Affirmative Actions Policy of the UFV”.

The reservation considers the provisions of Articles 3, 5, and 206 of the Constitution of

the Federative Republic of Brazil of 1988; in Law No. 9.934, of 1996, which establishes the guidelines and bases of national education; in Law No. 12.711, of 2012, which establishes the reservation of vacancies in federal undergraduate and technical courses; in Law No. 13.409, of 2016, which establishes the reservation of vacancies in federal undergraduate and technical courses for people with disabilities; in Law No. 13.146, of 2015, in Law 12.764, of 2012, and in Decree No. 3.298, of 1999, which deal with the inclusion of people with disabilities and in the MEC Normative Ordinance No. 13, of 2016, which provides for the induction of affirmative actions in Graduate Studies.

1.2 Candidates for vacancies reserved for Black (pretas and pardas), Indigenous people, and people with disabilities must mandatorily indicate the Selection Group of the SNP-UFV in which they intend to compete. The vacancies reserved for the Affirmative Actions of the UFV will be exclusive to Brazilian citizens and naturalized foreigners.

1.3 All procedures for the purpose of registration in the present selection process of candidates who opt for access to vacancies via Affirmative Actions of the UFV, as well as the requirements, documents, and other requests for the eventual subsequent enrollment in the Program, are contained in Resolution 08/2019 of the CEPE-UFV and in the General Call for Enrollment in Graduate Programs stricto sensu of the UFV, being the sole responsibility of the candidates their reading and complete observation. The selection of candidates for reserved vacancies will follow the provisions of Article 8 of the referred Resolution, and the candidate will be directed to the Selection Group designated at the time of registration.

1.4 All Master's candidates must be professionals holding a diploma or graduates of an undergraduate course.

1.5 Approval in the present selection process does not constitute a guarantee a priori or promise or commitment of a call for enrollment, nor of the granting of scholarships now or in the future.

1.6 Eventual delays in the start of receiving scholarships may occur depending on the release by the funding agencies. As scholarships are released, they will be awarded to those enrolled, in accordance with the concession criterion based on the highest general final grade (NFG).

1.7 A larger number of those called for enrollment may occur, depending on the availability of scholarships in the Program, or resulting from the selection of candidates with employment bonds who do not depend on scholarships from the SNP-UFV, in

addition to scholarships originating from projects of advisor professors, at the discretion of the Program Coordination, provided they reach the minimum score for classification.

1.8 Candidates who indicate “Own Resources” in the Funding Source tab of the registration system must present a letter of acceptance of guidance from an advisor professor of the SNP, as a requirement for registration, according to the model available on the program's website. Each professor may provide a maximum of one letter for a candidate who indicates “Own Resources”, within the limit of up to two letters per group.

1.9 The call of alternates due to the withdrawal of approved candidates or the offer of new scholarships is the exclusive prerogative of the SNP-UFV Coordination, with no appeal to this decision, nor configuring any type of obligation previously assumed. In this process of calling alternates, what is indicated in Resolution 08/2019 of the CEPE-UFV for reserved vacancies will be respected.

1.10 The non-appearance on the day of enrollment or the lack of documents required for enrollment entails the loss of the vacancy in the selection process. The SNP and the UFV are not responsible for any delays in the completion of undergraduate and Master's courses, and approval in this contest does not guarantee future vacancies in subsequent semesters.

1.11 Candidates approved for the doctorate may request entry into a continuous process with a vacancy reservation.

1.12 The reservation of a vacancy for a candidate approved for the doctorate will only be granted if there are no alternates at the same level in the selection process.

1.13 This call has validity until the opening of a new admission call.

## **2. SELECTION GROUPS**

2.1 The selection process of the SNP-UFV will occur by groups related to the areas of knowledge of Soil Science and Plant Nutrition. The candidate must opt for one of the Selection Groups at the time of registration. It will not be allowed to change Groups from the moment of finalizing the registration. The Selection Groups of the SNP-UFV are constituted by the professors:

- **Group 1 - Pedology:** Carlos Ernesto Gonçalves Reynaud Schaefer, Elpídio Inácio Fernandes Filho, Isabela Cristina Filardi Vasques, José João Lelis Leal de Souza, João Carlos Ker, Márcio Rocha Francelino, Maurício Paulo Ferreira Fontes.

- **Group 2 - Soil management:** Emanuelle Mercês Barros Soares, Igor Rodrigues de Assis, Irene Maria Cardoso, Raphael Bragança Alves Fernandes, Teógenes Senna de Oliveira.
- **Group 3 - Edaphology:** Edson Márcio Mattiello, Hidelblandi Farias de Melo, Júlio César Lima Neves, Nairam Félix de Barros, Rafael da Silva Teixeira, Reinaldo B. Cantarutti, Renildes L. Ferreira Fontes, Samuel Vasconcelos Valadares.

2.2 The designation of advisors for the approved candidates is the attribution of the Coordinating Committee of the SNP-UFV, based on criteria of faculty productivity and current number of advisees. The presence in the list does not guarantee guidance vacancies for the professors of the Program and does not generate any expectation of guidance with a specific advisor on the part of the candidates for the selection process. The profile and curriculum of the advisor professors are available on the pages of the SNP-UFV (<https://possolos.ufv.br/orientadores-2/>).

### **3. REGISTRATIONS**

3.1 The registration period for the selection process will be from June 18 to June 30, 2026.

3.2 The entire registration process will be carried out via the online procedure in the “GPS System – Graduate Registration”, according to instructions at: <https://adm.gps.ufv.br/administracao/processos-seletivos/1600/>

3.3 The registration will be effective only after the completion of the electronic process and the inclusion of all requested documents.

3.4 Candidates opting for vacancies via Affirmative Actions of the UFV must insert supporting documents required in the registration system and submit themselves to the Validation Commission. Candidates with disabilities must present a medical report.

3.5 It is the candidate's responsibility to follow the registration process through the system.

3.6 The SNP-UFV is not responsible for failures in registration.

3.7 The SNP-UFV accepts applications for its selection process from foreign candidates who have foreign scholarships or scholarships from private companies.

3.8 Foreign candidates interested in pursuing graduate studies requesting a Brazilian scholarship in the SNP-UFV must participate in the present selection process by

requesting a scholarship for wide competition.

3.9 The SNP-UFV does not adopt a total limit of scholarships available to be granted to foreign candidates.

#### **4. DOCUMENTATION**

4.1 At the time of online registration, the candidate will attach personal and academic documents required by the UFV.

4.2 In addition, the SNP-UFV requires: Curriculum vitae specific to the PPGSNP-UFV, School transcript, Proof of the activities described in the curriculum, Work plan, Documents for affirmative action (if applicable), Letter of acceptance from the advisor (if applicable).

4.3 All files must be in PDF format.

4.4 It is the candidate's responsibility to verify the integrity of the documentation.

4.5 Other documents may be required for affirmative action candidates.

#### **5. CURRICULUM VITAE**

5.1 In the registration procedure, in “Documents to Send”, in the “Curriculum vitae” item, the specific SNP/UFV Curriculum Vitae must be attached.

5.2 The curriculum must be filled out in "docx" format or another text editing file.

5.3 Each proof of information must be numbered in increasing order.

5.4 Candidates must fill out the “Candidate score” column.

5.5 Once finished, the document must be saved in "PDF" format before being attached to the registration.

#### **6. PROOF OF CURRICULUM ACTIVITIES**

6.1 Activities must be proven through scanned copies of the respective proofs.

6.2 All proofs must be scanned in PDF format and gathered in a SINGLE FILE, which must be attached to the online registration system.

6.3 The organization must follow the increasing numbering indicated in the “Curriculum Vitae”.

## **7. WORK PLAN**

7.1 The Work Plan will be analyzed in the third stage of the process (can be in Portuguese, Spanish, or English).

7.2 The Work Plan must cover: a) Introduction, b) Material and Methods, c) Monthly schedule, d) References.

7.3 Formatting: up to four pages, Times New Roman, size 12, spacing 1.5, margins 1.62 cm top, 1.59 bottom, 1.41 left, 1.98 right.

7.4 Candidates who present work plans outside the formatting will be disqualified.

## **8. REGISTRATION FEE**

8.1 The bank slip for the registration fee must be printed through the online registration page.

8.2 The value of the registration fee will be defined by the UFV.

8.3 Foreign candidates must make the payment via international wire transfer (Wire Transfer).

8.4 The UFV adopts the possibility of exemption from the registration fee (Decree No. 6.593/2008). The exemption must be requested at the time of registration by filling out the "Exemption Form" and sending it to [snp@ufv.br](mailto:snp@ufv.br).

8.5 The result will be disclosed on the SNP website.

8.6 Being granted the request for exemption, the candidate must attach the proof of registration in the Cad-Único.

8.7 The deadline for forwarding the "Exemption Form" will be June 22.

## **9. SELECTION**

9.1 The selection process will consist of two stages: i) analysis of the curriculum and school transcript, and ii) oral questioning by video conference.

9.2 100 points will be distributed in each stage. Minimum for approval: 60 points.

9.3 All stages have an eliminatory character.

9.4 Candidates disqualified in one stage will not follow the selection process.

9.5 Preliminary results will be disclosed on the SNP website.

9.6 Appeals must be sent by email to [snp@ufv.br](mailto:snp@ufv.br) within 2 business days.

## **10. FIRST STAGE - ANALYSIS OF CURRICULUM AND TRANSCRIPT**

10.1 Only the activities provided in the "Curriculum Vitae SNP/UFV" will be considered.

10.2 The Evaluation Committee will verify the curriculum grade.

10.3 Final grades will be adjusted based on the highest grade among candidates.

10.4 School transcripts will be evaluated with a maximum grade of 100 points.

10.5 Proof of English proficiency will be through standardized tests (TOEFL, IELTS, etc.).

10.7-10.9 Minimum scores and validity requirements are aligned with Capes requirements for sandwich training.

10.10 Preliminary grade calculation (NP1\_Mestrado) = [curriculum grade x 0.65] + [transcript grade x 0.35].

## **11. SECOND STAGE - ORAL QUESTIONING**

11.1 Oral questioning by video conference, exclusively for non-eliminated candidates.

11.2 Scheduled for July 13.

11.3 Conducted via Zoom, Google Meet, or similar.

11.4 Recorded, with links provided 2 days in advance.

11.5 Questions about the work plan, academic trajectory, and reasons for applying.

11.6 Preliminary grade (NP2) calculation based on work plan evaluation, technical questions, and history.

## **12. GENERAL FINAL GRADE AND CLASSIFICATION**

12.1 Final grade (NFG) = [NF1aE x 0.50] + [NF2aE x 0.50].

12.2 Candidates classified within the number of vacancies will be summoned for enrollment.

## **13. GRANTING OF SCHOLARSHIPS**

13.1 Scholarships will respect the order of classification within each group.

13.3-13.6 Provisions for scholarship funding via individual advisor projects and candidates with employment bonds.

13.7 If fewer scholarships are available than vacancies, the highest general final grade (NFG) will prevail.

## **14. GENERAL PROVISIONS**

14.1 Registration implies acceptance of all norms.

14.2 Results disclosed on [www.possolos.ufv.br](http://www.possolos.ufv.br)

14.4 Contact: Coordination of Graduate Studies in Soil Science and Plant Nutrition, Department of Soils, Federal University of Viçosa, 36570-900 - Viçosa, MG. Phone: (31) 3612-4505. Email: [snp@ufv.br](mailto:snp@ufv.br)

## **15. BASIC BIBLIOGRAPHY**

15.1 The coordination recommends the references below.

### **Group 1 - Pedology**

Ker, J.C. Latossolos do Brasil: uma revisão. *Geonomos*, 5, 1997.  
<https://doi.org/10.18285/geonomos.v5i1.187>

Ker, J.C., Curi, N., Schaefer, C.E.G.R., Vidal-Torrado, P. (Ed). **Pedologia** (Fundamentos). Viçosa, MG : SBCS. 2012. 343p.

Schaefer, C.E.G.R. (Ed.) The soils of Brazil. Springer. 2023. 488p.  
<https://doi.org/10.1007/978-3-031-19949-3>

IUSS Working Group WRB. 2022. World Reference Base for Soil Resources. International soil classification system for naming soils and creating legends for soil maps. 4th edition. International Union of Soil Sciences (IUSS), Vienna, Austria.

### **Group 2 - Soil management**

Brady, N.C. and Weil, R.R. The Nature and Properties of Soil. 2022. 13<sup>th</sup> Edition, Prentice Hall, Upper Saddle River, New Jersey.

Cotrufo, M.F.; Lavalley, J.M. Soil organic matter formation, persistence, and functioning: A synthesis of current understanding to inform its conservation and regeneration. *Advances in Agronomy*, 172. 2021.  
<https://doi.org/10.1016/bs.agron.2021.11.002>

Sociedade Brasileira de Ciência do Solo (SBCS). Manejo e Conservação do Solo e da Água. Viçosa: SBCS, 2024.

de Jong van Lier, Quirijn. Física do solo. Viçosa: SBCS, 2010.

### **Group 3 - Edaphology**

Novais, R. F.; Alvarez V ., V . H.; Barros, N. F.; Fontes, R. L. F.; Cantarutti, R. B.; Lima, J. M (Ed.). Fertilidade do solo. Viçosa: Sociedade Brasileira de Ciência do Solo, 2007.

van Raij, B.; Andrade, J. C.; Cantarella, H.; Quaggio, J. A. (Eds.). Fertilidade do solo e manejo de nutrientes. Piracicaba: IPNI – International Plant Nutrition Institute, 2011

Melo, V . de F.; Alleoni, R. F. (Ed.). Química e Mineralogia do Solo. Viçosa: Sociedade Brasileira de Ciência do Solo, 2007.

Hansen, E. A.; Golden, M.; Spector, P. (Eds.). *Handbook of soil science*. Boca Raton: CRC Press, 2012.

Viçosa (MG), June 17, 2026.