Call for Applicants to the Ecology and Natural Resources Post-Graduate Program (PPG-ERN UENF)

FIRST HALF OF 2023(2023/01)

The [Ecology and Natural Resources Postgraduate Program (PPGERN) of the Universidade Estadual do Norte Fluminense Darcy Ribeiro (UENF)](), Brazil, invites applications for Masters and PhDs candidates. The applicant must send all the necessary documentation requested in this call. All forms and documents should be sent in electronic form to the email **pgecol@uenf.br** with the following subject: **APPLICATION TO THE SELECTION PROCESS 2023.01 - NAME OF THE CANDIDATE**.

1   Exams

Applicants for the Master's and PhD program will be able to take the written exams (English and Knowledge in Ecology) through Digital Platforms such as Google Classroom or Gather. The interview and project presentation will also occurvia Digital Platforms. Applicants from English-speaking countries are exempt from the English exam.

The candidate must contact the available supervisors from UENF before the application since it is necessary to submit a Work Plan and an Acceptance Letter from the chosen supervisor. The supervisors' information, including their email addresses and research lines, are available at the PPG-ERN web page (https://uenf.br/posgraduacao/ecologia-recursosnaturais/). In the "RESEARCH LINE FORM" (at the end of this call), the candidate must indicate the potential supervisor's research line.

PPG-ERN is not responsible for the availability of internet resources during the exams, which must be fully supplied by the candidate.

2   Application period and documents

- **Dates**: from October 19th to November 18th, 2022.

- Documents: The application must be made by submitting the following documents in pdf format, sent by email (pgecol@uenf.br),

a   Copy of undergraduate diploma or a certificate of conclusion.

b   Copy of Master's degree diploma, or an equivalent document, for the PhD (doctorate) applicants (the candidates that do not possess the Master's title yet can still enroll, as long as they present a declaration that attests the probable date of conclusion of the Master's program;

c   Undergraduate course transcripts;

d   Masters course transcript, for the PhD candidates;

e   Three reference letters written by people connected to the candidate's academic or professional life;

f   Email or acceptance letter signed by the potential supervisor.

g   3x4 cm photo;

h   Identification document;

i   Documented *Curriculum vitae* (there must be only one pdf file with all the corroborating documents for each CV item, following the sequence and numbering suggested below);

j   For the PhD candidates: Thesis Project with Abstract, Introduction, Objectives, Hypothesis, Methods, References, Schedule of Execution and Budget. The text must be between 20,000 and 25,000 characters with spaces, excluding references, schedule and budget. When applicable to the project's requirements, it must contain an item about ethical procedures or waste treatment and disposal;

k   For the Master's candidates: Work Plan with Abstract, Introduction, Objectives, Hypothesis, Methods, References, Schedule of Execution and Budget. The text must be between 5,000 and 7,000 characters with spacing, excluding references, schedule and budget. When applicable to the project's requirements, it must contain an item about ethical procedures or waste treatment and disposal;

l   Research Line Form (at the end of this call)

- *Curriculum vitae*: Each and every item in the CV (if applicable) must be supported by documents (certificates, declarations, etc…). All corroborationg documents of the *Curriculum vitae* must be scanned and sent by email (pgecol@uenf.br), in a single pfd file ([name]CVDocuments.pdf), following the

numbering and the order as described in the scoring table below. CVs without corroborating documents will not be accepted.

Master candidates

1) Formation:

Maximum score = 4.0 (four) points.

	Items assessed	Points
1.1	Undergraduate performance (assessed by grading system)	From 0,5 to 2,0 points
1.2	Short courses in the area (min: 4 hours) [1]	0,2 points per course
1.3	Professional internship [2]	0,3 points per internship, or for each semester.
1.4	Post graduate course in the area	1,0 unit per course
1.5	Professional courses (other than undergraduate) in the area	1,0 unit per course
1.6	Undergraduate Research Project	0,6 points
1.7	Undergraduate Research Fellowship	0,5 points per semester in the 1st year + 0.2 per additional semester
1.8	Teaching and Monitoring Scholarship	0,1 unit per semester
1.9	Outreach Scholarship	0,5 points per semester in the 1st year + 0.1 per additional semester
1.10	Outreach - participation in meetings and courses	0,1 unit per meeting/course
1.11	Technical support scholarship	0,1 unit per semester

[1]: maximum 1,0 point; [2]: maximum1,2 points.

2) Technical-scientific production:

Maximum score = 5.0 (five) points.

	Items assessed	Points
2.1	Publication of abstract in a REGIONAL scientific meeting - SIMPLE or EXPANDED	0,2 per Abstract
2.2	Publication of abstract in a NATIONAL scientific meeting – SIMPLE (one page)	0,3 per Abstract
2.3	Publication of abstract in an INTERNATIONAL scientific meeting – SIMPLE	0,4 per Abstract
2.4	Publication of abstract in a NATIONAL scientific meeting – EXPANED (two or more pages)	0,5 per Abstract
2.5	Publication of abstract in an INTERNATIONAL scientific meeting – EXPANDED	0,6 per Abstract
2.6	Oral presentation at a scientific meeting	0,3 per Presentation
2.7	Article / Book / Chapter submitted – FIRST AUTHOR	0,6 per Publication
2.8	Article / Book / Chapter submitted – COAUTHOR	0,3 per Publication
2.9	Article / Book / Chapter accepted or in press – FIRST AUTHOR	1,2 per Publication
2.10	Article / Book / Chapter accepted or in press – COAUTHOR	0,6 per Publication
2.11	Seminar presented in the area	0,2 per Seminar
2.12	Course taught in the area (min: 4 hours)	0,4 per Course
2.13	Award in the area	0,3 per Award
2.14	Organizing committee of Academic-scientific meeting in the area	0,3 per Meeting

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3) Profissional experience:

Maximum score = 1.0 (one) point.

	Items assessed	Points
3.1	Extracurricular class taugh	0,02 points per hour
3.2	Consulting or service provision in the area	0,2 points per consulting / service, or per semester
3.3	Participation as researcher in projects in the area	0,3 points per project
3.4	Participation in examining boards	0,2 points for each
3.5	Other professional activities in the area	0,1 unit per ativity

PhD candidates:

1) Formation:

Maximum score = 2.0 (two) points.

	Items assessed	Points
1.1	Master's school transcript (grades)	Up to 1,0 unit
1.2	Undergraduate Research Fellowship [1]	0,1 unit per semester
1.3	Undergraduate Research Project	0,3 points
1.4	Professional internship [2]	0,1 per internship
1.5	Post graduate course in the area	0,5 per course
1.6	Professional courses (other than undergraduate) in the area	0,5 per course
1.7	Complementary course in the area [3]	0,2 per course
1.8	Teaching activity as a student[4]	0,1 per each 10 hours

[1]: maximum 0,3 points; [2]: maximum 0,2 points; [3]: maximum 0,6 points; [4]: maximum 0,5 points.

2) Technical-scientific production:

Maximum score = 6,0 (six) points.

	Items assessed	Points
2.1	Oral presentation at a scientific meeting – FIRST AUTHOR	0,15 per Presentation
2.2	Poster presentation at a scientific meeting – FIRST AUTHOR	0,1 per Presentation
2.3	Presentation at a scientific meeting – COAUTHOR	0,1 per abstract
2.4	Article published or in press Percentile >75 - FIRST AUTHOR	1,5 per Article
2.5	Article published or in press Percentile >75 – COAUTHOR	1,0 per Article
2.6	Article published or in press Percentile >50 – FIRST AUTHOR	1,0 per Article
2.7	Article published or in press Percentile >50 – COAUTHOR	0,8 per Article
2.8	Article published or in press Percentile >37,5 – FIRST AUTHOR	0,6 per Article
2.9	Article published or in press Percentile >37,5 – COAUTHOR	0,3 per Article
2.10	Submitted article	0,1 per Article
2.11	Book published or forthcoming in International Publisher - FIRST AUTHOR (indexed publication or ISBN)	1,5 per Book
2.12	Book published or forthcoming in International Publisher – COAUTHOR (indexed publication or ISBN)	0.8 per Book
2.13	Book chapter published or forthcoming in International Publisher - FIRST AUTHOR (indexed publication or ISBN)	1,0 per Chapter
2.14	Book chapter published or forthcoming in International Publisher – COAUTHOR (indexed publication or ISBN)	0,5 per Chapter
2.15	Book published or in press at Editora Nacional - FIRST AUTHOR (publication indexed or with ISBN)	0,8 per Book
2.16	Book published or in press at Editora Nacional – COAUTHOR (publication indexed or with ISBN)	0,5 per Book
2.17	Book chapter published or in press at Editora Nacional - FIRST AUTHOR (publication indexed or with ISBN)	0,6 per Article
2.18	Book chapter published or forthcoming in National Publisher – COAUTHOR (indexed publication or ISBN)	0,3 per Article
2.19	Other publications	0,1 per product

"Percentile" refers to the percentile value presented by the scientific journals, as defined by impact factors in the CLARIVATE or SCOPUS base. Articles may be presented as a single list, without classification, referred to as items 2.4 to 2.9.

3) Professional experience (after undergraduation):

Maximum score = 2,0 (two) points.

	Items assessed	Points
3,1	Class taught in undergraduate course [1]	0,1 per 20 hours
3.2	Seminar presented in the area	0,1 per seminar
3.3	Course taught in the area (minimum: 4 hours)	0,3 per course
3.4	Award in the area	Up to 0,3 per award
3.5	Student supervision completed or in progress.	0,5 per student
3.6	Consulting, service provision or internship in the area	0,3 per consulting / service / internship
3.7	Participation in research projects in the area	0,4 per project
3.8	Participation in outreach programs in the area	0,2 per program
3.9	Participation in examining boards	0,2 per participation

(1): maximum 0,5 point

3 Selection and Schedule for Exams

Phase 1 (Masters and PhD): Ecology Knowledge and English exams.

- Date: November 28th, 2022, for both Masters and PhD applicants. The English test is mandatory for all applicants (except for applicants from English-speaking countries). The candidate that proves English proficiency as demanded by the Appendix 2 of CAPES Notice n° 10/2022 is exempt from taking the test.
- Place: Via Digital Platform (Google Classroom or Gather).

Phase 2 (Master's and PhD): Interview, Work Plan (Master's) and Thesis Project (Ph.D.) evaluation and *Curriculum vitae* analysis.
- Date: December 5th to 9th, 2022.
- Place: Via Digital Platform (Google Meet or Gather).

3.1 Phase 1. Written Ecology Knoledge and English: Candidates failling the written exam are eliminated from the selection. It will consist of conceptual questions based on textbooks on ecology listed below. Questions will be presented, on the day and time of the exam, through the Digital Platform, for the candidates to compose the Ecology Knowledge exam. The English test will consist of questions about text interpretation of an article presented at the time of the exam, which must be answered in Portuguese by the master's candidates and in English by the doctoral candidates. This selection stage will be carried out blindly (the evaluator will only have access to the candidate's number). Applicants who obtain a minimum score of 5.0 (five) in both Ecology Knowledge and English exam will be considered eligible to Phase 2 of selection (master and doctorate). Applicants from English-speaking countries are exempted from the English test, and the Knowledge in Ecology exam will make up the full score for this phase.This Phase will receive a weight of 5 (five) points in the final grade for the Master candidates.

Date: December 28th, 2022, from 8 am until 12 am (Brazilian time - UTC/GTM-3). Applicants will be responsible for the availability and maintenance of connection to the virtual room throughout the process. The minimum presence in the exam room is 2 hours. During the entire test period, applicants will be asked to maintain a connection with open video calls to the virtual room.

The Phase 1 approved applicants list will be made public until December 1st, 2022, in the selection process link. The applicants will be responsible for monitoring the information on the web page.

3.2 Phase 2 (Master's and PhD): interview, Work Plan (Master's) and Thesis Project (PhD) evaluation and *Curriculum vitae* analysis.

Date: December 5th to 9th, 2022.

Place: The interviews will be carried out by a Digital Platform, scheduled after the list of approved candidates in Phase 1 is posted. The PPG-ERN will not be responsible for any applicant's internet technical issues, and the interview may be canceled if it is not carried out on the stipulated date and time.

This phase consists of analyzing the three recommendation letters, interview and Work Plan (Master's) or Thesis Project (PhD), and can eliminate candidates.

There will not be an oral presentation of the Work Plan for the Master's applicants. There will be an oral presentation of the Thesis Project for the PhD applicants.

For master's degrees applicants, the final grade will be the average of the following items: *Curriculum vitae*, interview and work plan. Minimum required grade for approval in this phase is 5.0 (five) and weight of 5 (five) points. For doctoral applicants, a final grade (average of *Curriculum vitae*, interview and Thesis Project) minimum of 6.0 (six) points will be attributed.

4 The number of research spots offered:

Research Lines	Masters	PhD
Plant Ecophysiology	1	0
Biogeochemistry of Aquatic Ecosystems	1	1
Heavy Metal Geochemistry and Environmental Pollution	2	1
Ethology and Conservation of Terrestrial Vertebrates with an Emphasis on Mammals	1	2
Functional Ecology and Marine Macroecological Patterns	1	0
Ecology of Marine Communities: Artificial Reefs and Benthic Biodiversity.	1	1
Environmental Contamination	1	0
Ecology of Plant Communities	1	1
Ecosystem Ecology and Aquatic Geochemistry	1	0
Limnology and Coastal Lagoon Ecology	1	0
Insect and Pollination Ecology	1	0
Functional Ecology and Spatial Patterns of Organization of Plant Communities	0	1
Ecological Plant Anatomy and Ultrastructure	1	1
Ecology and Conservation of Mammals, Birds and Sea Turtles	0	1
TOTAL	**13**	**09**

The candidates must contact the potential supervisors before application. The information about the supervisors, including email addresses and research lines, are available on the PPG-ERN web page.

All information for international students is available on the website: http://uenf.br/reitoria/assaii/en/

ECOLOGY AND NATURAL RESOURCES POST-GRADUATE PROGRAM (PPG-ERN)

RESEARCH LINE FORM

NAME OF APPLICANT: _____

E-MAIL: _____

PHONE NUMBER: _____

COURSE: (   ) MASTERS   (   ) PHD

RESEARCH LINE (AS STATED IN THE APPLICATION DOCUMENT):

_____

_____

NAME OF THE POTENTIAL SUPERVISOR:

_____

_____

SIGNATURE OF THE POTENTIAL SUPERVISOR

DATE ___/___/___

_____

SIGNATURE OF THE APPLICANT

DATE ___/___/___