



MINISTRY OF EDUCATION
FEDERAL UNIVERSITY OF LATIN AMERICAN INTEGRATION – UNILA
LATIN AMERICAN INSTITUTE FOR TECHNOLOGY, INFRASTRUCTURE AND TERRITORY – ILATIT
INTERDISCIPLINARY GRADUATE PROGRAM IN ENERGY AND SUSTAINABILITY – PPGIES

PUBLIC NOTICE 04/2019 – PPGIES
INTERDISCIPLINARY DOCTORATE DEGREE IN ENERGY AND SUSTAINABILITY
2020 STUDENT SELECTION PROCESS

The Coordinator of the Interdisciplinary Graduate Program in Energy and Sustainability (PPGIES) of the Federal University of Latin American Integration (Unila), appointed by Ordinance # 302/2019/GR/UNILA, published in the Institutional Gazette # 449, of May 31st 2019, issues the present Public Notice regarding the selection process for regular students for the Interdisciplinary Doctorate Degree in Energy and Sustainability for the first semester of 2020.

1. SCHEDULE OF SELECTION

STEPS OF THE PUBLIC NOTICE	DATES
Publishing of the Public Notice	Sep/27/2019
Period for Applications	Oct/04/2019 to Nov/12/2019
Publishing of the preliminary list of applicants	Nov/13/2019
Period for appeals	Nov/14 to Nov/17/2019
Confirmation of the applications	Nov/18/2019
Curriculum and project analysis	Nov/19 to Nov/23/2019
Publishing of the preliminary list of applicants approved for the interview	Nov/26/2019
Period for appeals	Nov/27 to Nov/28/2019
Confirmation of the list of applicants approved for the interview	Nov/29/2019
Interview with applicants	Dec/02 to Dec/07/2019
Publishing of the preliminary results	Dec/10/2019
Period for appeals	Dec/11 to Dec/12/2019
Confirmation of the final results and call up for enrollment	Dec/13/2019



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Period for enrollment	February 2020
Expected date for the beginning of classes	March 2020

2. REQUIRED DEGREE

In order to be admitted to the program, the student must have a Master's degree in Engineering, Exact Sciences, Agricultural Sciences, Biological Sciences; Applied Social Sciences or related areas which include the lines of research of PPGIES.

3. SEATS

3.1. The Program offers **10 (ten) seats** in the Interdisciplinary Doctorate Degree in Energy and Sustainability, divided as follows:

- 5 (five) seats for the line of research called “*Materials and Devices for Energy Sources*”;
- 5 (five) seats for the line of research called “*Sustainable Technologies and Processes*”.

Eight (8) of these seats will be open for general competition and two (2) of them will be reserved for the affirmative action system (black, brown, indigenous people or people with disabilities).

3.2. It is not mandatory to fill all the seats, and it is possible to relocate seats from the affirmative action system to general competition and vice-versa, depending on the applicants' approval pursuant to the terms herein established and subject to the exclusive and sovereign deliberation by the members of the Graduate Studies Committee (CPG) of PPGIES.

3.3. In case there are seats available in one of the lines of research, these seats may be taken by applicants approved for the other line of research.

3.4. It is not mandatory to fill all the seats available.

3.5. PPGIES may call approved applicants beyond the official number of seats available, in accordance with the availability of professors, so that they can take disciplines as regular students.

3.6. PPGIES may call approved applicants beyond the official number of seats available, in accordance with the availability of professors, so that they can take disciplines as special students.



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Special students are those who are not regular students and who will be able to enroll in the PPGIES disciplines with the consent of a possible advisor professor. Special students must participate in a new selection process as regular students in order to become effectively part of the Program.

4. APPLICATION

4.1. Applications for the selection process for the Interdisciplinary Graduate Program in Energy and Sustainability (PPGIES) are free of charge and will be accepted from Oct/04/2019 to Nov/12/2019 (until 11:59pm – Brasilia time).

4.2. Applications will be accepted exclusively online through the Integrated System for Academic Activity Management (Sigaa) by Unila and, once these applications are sent, there is no way of altering them, including or excluding documents or filing a new application;

4.3. In order to apply for the selection process, applicants must follow both of the steps bellow:

- 1st fill out the form at the online application system (Sigaa) specified bellow and attach the documents listed as follows;
- 2nd send a Letter of Recommendation to the e-mail of the Program, secretaria.ppgies@unila.edu.br, in accordance with Enclosure I; only one letter will be accepted. A confirmation e-mail will be sent back to applicant.

4.3.1. For the first step, applicants must fill out the form available at the online application system at: (https://sig.unila.edu.br/sigaa/public/processo_seletivo/lista.jsf?nivel=S&aba=p-stricto).

4.3.2. Attach the following documents *in PDF format* to the online application system:

- a) Master's Degree Diploma (front and back) or an official Statement of Course Completion;
- b) Full student's transcript of the Master's degree, with the names of the disciplines and information about any disciplines failed or course dropping, officially issued (with stamps and signatures or an online verification code). The student's transcript must also contain the criteria for approval (minimum grade) or, alternatively, a statement by the university informing which these criteria are (in Portuguese, Spanish or English);
- c) A Curriculum Lattes updated to the current year – <http://lattes.cnpq.br>;
- d) ID document or a passport containing a photo of the holder, valid in the country of residence.



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- e) An updated voting card receipt (only for Brazilian applicants – available at: <http://www.tse.jus.br/eleitor/servicos/certidoes/certidao-de-quitacao-eleitoral>);
- f) Military service discharge (only for male Brazilian applicants);
- g) Signed application form (Enclosure II); Signed Civil Self Declaration – Affirmative Action Seats – (Enclosure III). Only for applicants who want to apply for affirmative action seats;
- h) A Curriculum Lattes Score Sheet (Enclosure IV), with supporting documents, organized according to the score sheet. The curriculum score sheet and its supporting documents must be attached as a single PDF file. The document must have numbered pages and the score sheet must be page 1. The pages with the supporting documents must be indicated in the column called “pages” of the score sheet (e.g. 4-7). As evidence of the publications, applicants must attach only the page of the paper where there is the title, the name of the authors, journal or book, year.
- i) Pre-project in accordance with Enclosure VI. The pre-project must be written in font Arial 12, spacing of 1.5, margin of 2 cm and it must be produced in no more than 6 (six) pages, including the cover and reference pages. Projects that are not in accordance with the format that is established in the present public notice and/or that are detected as plagiarism shall receive grade zero;

4.4. In the online application form, applicants must indicate their chosen Line of Research, and their choice of one or up to three advisor professors, pursuant to the availability of professors listed in Enclosure V.

4.5. At the end of online process, applicants will receive a receipt which shall serve as proof of their application in the selection process.

4.6. The application receipt does not automatically ensure the confirmation of the application. Applications will only be confirmed when the documents produced meet the requirements of the present public notice.

4.7. PPGIES shall not be held responsible for online applications which have not been received due to technical problems with computers, communication errors, network congestion, as well as due to other factors that may prevent data transfer to SIGAA of UNILA.

5. SELECTION PROCESS



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5.1. The selection process will have 2 (two) steps:

- **Step 1:** this step has an elimination qualifying format and it consists of an evaluation of **Enclosure IV** with its supporting documents (weighing 1), and of the **pre-project** (weighing 1), where a grade between 0,0 (zero) and 10,0 (ten) will be attributed; this grade will be called partial average grade. The number of applicants who will be called for the **interview** will be twice the number of seats available in this public notice, in accordance with the partial average grades they obtained;
- **Step 2:** this step has an elimination qualifying format and it consists of an **interview**.

5.2. Interviews will be held in person during the days determined in the schedule herein; the specific days and times of each interview will be published with the results of Step 1. It is not possible to change the time of the interviews, but applicants can choose to have a remote interview through Skype video or similar.

5.3. Applicants who choose to hold a remote interview (video Skype or similar) must inform this choice after the results and the convocation for the interview by e-mail to the PPGIES Office (secretaria.ppgies@unila.edu.br). The instructions for remote interviews will be sent to applicants with the convocation notice.

6. RESULTS

6.1. The final grade (NF) of each applicant will be the sum of the score points of **Enclosure IV** (weighing 1), of the **pre-project** (weighing 1) and the **interview** (weighing 2), with three significant rounded numbers, and a grade between 0,0 (zero) to 10,0 (ten) will be attributed in accordance with the following formula:

$$NF = (0,25 \times \text{score points of } \mathbf{Enclosure IV} + 0,25 \times \text{score points of the } \mathbf{pre-project} + 0,5 \times \text{score points of the } \mathbf{interview}).$$

6.2. In the list of the final results there will be the name of the applicant, his/her application number and final grade. The list will be published in order of grades, from highest to lowest, until Dec/13/2019, on the website of the Interdisciplinary Graduate Program in Energy and Sustainability (<https://portal.unila.edu.br/doutorado/ppges>). Detailing of the grades may be provided by means of an appeal pursuant to section 7 of the present public notice.



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6.3. The selection process will have two possible results:

- **Approved:** Final grade equal to or higher than 5,00 (five). The applicant will be able to enroll as a regular or special student in the Interdisciplinary Graduate Program in Energy and Sustainability (PPGIES), not being necessarily notified for enrollment, because the final rank and the number of seats offered will be considered.
- **Failed:** Final grade lower than 5,00 (five). The applicant will not be able to be admitted to the Interdisciplinary Graduate Program in Energy and Sustainability (PPGIES).

6.4. The criteria for equal classifying grades among applicants will be successively the following:

- a) greater grade in the interview;
- b) greater partial average grade in the Pre-Project and the Curriculum Lattes;
- c) older applicants on the date of the publication of the results.

7. APPEALS

7.1. If applicants want to file an appeal, it is possible to do it at the moment of the confirmation of applications, at the preliminary list of applicants qualified for the interview, and at the publication of the preliminary results. Appeals can be filed during the period established in the present public notice through the Inscreva website by Unila at the links bellow:

- Appeals regarding the confirmation of applications: **Link:** <https://inscreva.unila.edu.br/events/1120>
- Appeals regarding the preliminary list of applicants qualified for the interview: **Link:** <https://inscreva.unila.edu.br/events/1121>
- Appeals regarding the preliminary results: **Link:** <https://inscreva.unila.edu.br/events/1122>

7.2. No appeal shall lie against the Final Results;

7.3. No appeal shall lie against cases of absence or irregularity regarding any of the required documents listed in section 4.3.2 of the present public notice;

8. ENROLLMENT

8.1. Applicants must enroll in the Program on the date and place established in this public notice.



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8.2. At the moment of enrollment, applicants must produce the original documents which were attached to the application form through Sigaa:

- Master's degree diploma or an official Statement of Master's Degree Completion;
- ID containing a photo of the holder;
- 1 (one) 3x4 photo.

Applicants who wish to enroll as special students may produce a proof of enrollment document proving they are enrolled in the last semester of the Master's degree course.

8.3. If applicants cannot produce the required documents in person (section 8.2), they may have a legal representative do it.

9. FINAL PROVISIONS

9.1. By applying for a seat in the Program, applicants accept the terms and conditions established in this public notice, and ignorance cannot be claimed.

9.2. Cases not mentioned or unforeseen situations shall be analyzed by the members of the Graduate Studies Committee of PPGIES.

Foz do Iguaçu, September 27th 2019.

OSWALDO HIDEO ANDO JUNIOR
Coordinator of the Interdisciplinary Graduate Program in Energy and Sustainability



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**ENCLOSURE I – DOCTORATE DEGREE
RECOMMENDATION LETTER – 2020 SELECTION PROCESS
RECOMMENDATION LETTER TO THE SELECTION COMMITTEE FOR ADMISSION
IN PPGIES**

To be filled out by the applicant	
Name of the applicant:	
E-mail:	
Telephone:	

To be filled out by the person recommending the applicant	
Full Name:	
Institution:	
Acronym:	
Position:	
CV Lattes Link:	
Address:	
Telephone:	
E-mail:	

What is your relationship with the applicant? (mark with an x)					
<input type="checkbox"/>	Academic advisor professor (Undergraduate Research, Graduate Studies)	<input type="checkbox"/>	Professor of a discipline	<input type="checkbox"/>	Coworker
How long have you known the applicant?					



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Please, evaluate the applicant with grades in accordance with the following criteria:

Grade 5 – Exceptional	Grade 4 – Very Good	Grade 3 – Good
Grade 2 – Medium	Grade 1 – Weak	

Description	Grade	There is no element to evaluate
Level of interest in the academic work		
Self-confidence and independence		
Potential for research		
Ability to meet schedules and achieve research results		
Ability for theoretical activities		
Ability for experimental activities		
Ability for team work		
Ability with computers		
Openness for interdisciplinary work and dialogue		

Would you recommend the applicant? (mark with an x)									
<input type="checkbox"/>	Enthusiastically	<input type="checkbox"/>	With confidence	<input type="checkbox"/>	Simply	<input type="checkbox"/>	With reservations	<input type="checkbox"/>	No

Additional information (write what you consider important; no more than 5 lines):

Full name:	
Date:	

Signature of the Person Recommending the Applicant



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ENCLOSURE II
APPLICATION FORM
2020 STUDENT SELECTION PROCESS

Paste 3x4 Photo here	1. PERSONAL DATA Name: _____ CPF (Brazilian applicants) _____ - ____ Identification Document: Type: () ID () RNE () Passaport () DNI ID Number: _____ Date of birth: ____ / ____ / ____ Marital Status: _____ Address: _____ Address line 2: _____ Neighborhood: _____ City: _____ Postal Code _____ - ____ State: _____ Country: _____ Telephone: () _____ E-mail: _____ Apply for a grant: () Yes () No
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2. STATEMENT OF CONSENT:

I hereby declare I know that the activities of PPGIES will be developed in Portuguese, Spanish and/or English and I also declare I know and fully accept the rules established in Public Notice # 04/2019-PPGIES about the Selection Process for regular students for the Interdisciplinary Doctorate Degree Program in Energy and Sustainability (PPGIES) of the Federal University of Latin American Integration (UNILA).

Place and Date

Signature of the applicant



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ENCLOSURE III
CIVIL SELF DECLARATION – AFFIRMATIVE ACTION SEATS

I _____,
holder of ID/RNE/DNI/Passaport # _____, hereby **DECLARE**, under penalty of law, for the
purpose of application in the 2020 selection process for the Interdisciplinary Doctorate Degree in
Energy and Sustainability of the Federal University of Latin American Integration (UNILA), that I
am:

- Black or Brown
- Indigenous
- Person with Disabilities

In witness whereof, I sign the present self declaration.

Foz do Iguaçu, _____ 2019.

Signature



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**ENCLOSURE IV
 CURRICULUM LATTES SCORE SHEET**

Name of the applicant: _____

Description	Weight	Quantity	Page	Check (Do not write here)
1. Full paper and/or abstract (simple or extended) presented in events	Maximum score 1,0 point			
1.1. Full work, extended abstract or abstract published in annals of events	International	1,0		
	National	0,5		
2. Scientific and technological work	Maximum score 4,0 points			
2.1. Paper published in scientific journals in areas related to PPGIES.	1,0			
2.2. Book or Chapter of a technical and scientific book with ISBN	1,0			
2.3. Patent and registrations (Product, Process, Software and so on).	1,0			
2.4. Scale model; letters, maps or similar items and technological products.	1,0			
3. Activities related to teaching and graduate courses	Maximum score 3,0 points			
3.1. Master's Degree completed in PPGIES	1,0			
3.2. Master's Degree in Related Areas	0,5			
3.3. Disciplines taken as a special student in PPGIES	1,0			
3.4. Doctorate Degree disciplines taken in related areas	0,1			
4. Professional Experience	Maximum score 2,0 points			
4.1. Professional experience (year) in areas related to PPGIES, proven by work record booklet or copy of the contract.	1,0			
4.2. Professional internship (year) in areas related to PPGIES (with a minimum workload of 20 hours a week)	1,0			
FINAL SCORE	(fill out with the sum of the points)			

Remark: It is the applicant's responsibility to properly fill out Enclosure IV and attach the supporting documents, organized by score in accordance with the Curriculum Lattes score sheet.



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ENCLOSURE V
PROFESSORS OF PPGIES
2019.2 SELECTION PROCESS

Line of Research (L1): Materials and Devices for Energy Sources		
Professor	Curriculum Lattes	E-mail
Dra. Andréia Cristina Furtado	http://lattes.cnpq.br/0969254728157087	andreia.furtado@unila.edu.br
Dr. Gustavo Adolfo Ronceros Rivas	http://lattes.cnpq.br/3169559410513967	gustavo.rivas@unila.edu.br
Dra. Janine Padilha Botton	http://lattes.cnpq.br/6247260645281245	janine.padilha@unila.edu.br
Dr. Jiam Pires Frigo	http://lattes.cnpq.br/6443025153770870	jiam.frigo@unila.edu.br
Dr. Jorge Javier Gimenez Ledesma	http://lattes.cnpq.br/9489296690332026	jorge.ledesma@unila.edu.br
Dr. José Ricardo Cezar Salgado	http://lattes.cnpq.br/3914867445646676	jose.salgado@unila.edu.br
Dra. Katya Regina de Freitas	http://lattes.cnpq.br/6183072556674794	katya.freitas@unila.edu.br
Dr. Leonardo da Silva Arrieche	http://lattes.cnpq.br/7737476090013576	leonardo.arrieche@unila.edu.br
Dra. Márcia Regina Becker	http://lattes.cnpq.br/1604131237868242	marcia.becker@unila.edu.br
Dr. Márcio de Sousa Goes	http://lattes.cnpq.br/3874503187249364	marcio.goes@unila.edu.br
Dr. Oswaldo Hideo Ando Junior	http://lattes.cnpq.br/3515465412634126	oswaldo.junior@unila.edu.br

Line of Research (L2): Sustainable Technologies and Processes		
Professor	Curriculum Lattes	E-mail
Dra. Andréia Cristina Furtado	http://lattes.cnpq.br/0969254728157087	andreia.furtado@unila.edu.br
Dra. Caroline da Costa Silva Gonçalves	http://lattes.cnpq.br/5651943814890791	caroline.goncalves@unila.edu.br
Dra. Janine Padilha Botton	http://lattes.cnpq.br/6247260645281245	janine.padilha@unila.edu.br
Dr. José Ricardo Cezar Salgado	http://lattes.cnpq.br/3914867445646676	jose.salgado@unila.edu.br
Dra. Katya Regina de Freitas	http://lattes.cnpq.br/6183072556674794	katya.freitas@unila.edu.br
Dr. Leonardo da Silva Arrieche	http://lattes.cnpq.br/7737476090013576	leonardo.arrieche@unila.edu.br
Dra. Marcela Boroski	http://lattes.cnpq.br/5278975910824975	marcela.boroski@unila.edu.br
Dra. Marciana Pierina Uliana	http://lattes.cnpq.br/5189593236727694	marciana.machado@unila.edu.br
Dra. Priscila Ferri Coldebella	http://lattes.cnpq.br/1537435574309154	priscila.coldebella@unila.edu.br



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**ENCLOSURE VI
DOCTORATE DEGREE PRE-PROJECT SAMPLE**

**FEDERAL UNIVERSITY OF LATIN AMERICAN INTEGRATION
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RESEARCH PRE-PROJECT

<Name of the pre-project>

Research pre-project submitted to the Graduate Studies Committee for the Interdisciplinary Graduate Program in Energy and Sustainability, established by the Public Notice # 004/2019, for the selection process of the Doctorate Degree in Energy and Sustainability - Federal University of Latin American Integration.

Area: Interdisciplinary

Line of research: **<Materials and Devices for Energy Sources>** or **<Sustainable Technologies and Processes>**

APPLICANT:

<Name of the applicant>



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Literature Review

Describe an initial survey by the applicant about the theme that he/she wishes to research, with a justification of the interest and relevance of the theme for the development of the area and line of research. A presentation of the current bibliographic sources about the theme. The literature that is indicated must be consistent with the studied problem. The citations in the text must indicate the source of information (AUTHOR, year) in accordance with the ABNT rules.

Objectives

This item must contain the objective of the research and which results are expected. The objectives must be written with infinitive verbs, e.g.: characterize, identify, understand, analyze, verify.

Contribution of your research

Describe the scientific and technological contribution of the proposal in a clear and systematic way, considering the current state of the art.

Timeline

The timeline is the graphic representation of the time that will be used for the completion of the work or project. It must contain all the activities to be performed.



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Example:

STEPS	TRIMESTER															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Take disciplines																
Bibliographic Survey																
Data collection																
Analysis and organization of the data																
Doctoral Qualifying Exam																
Writing of the dissertation																
Defense of the dissertation																

Reference List

References must be alphabetically listed in accordance with ABNT rules – NBR 6023/2002 (<http://www.abnt.org.br/>). Use double spacing between references. There must be no more than 60 references.



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**ENCLOSURE VII
FORM FOR APPEALS
2020 SELECTION PROCESS**

I, _____,
applicant in the selection process for the 2020 Interdisciplinary Doctorate Degree in Energy and
Sustainability, holder of ID/RNE/DNI/Passaport # _____ request that the
following appeal is analyzed:

**Reason for the appeal (describe the section/item of the Public Notice which you consider to
have been violated):**

**Well-grounded justification (explain the reasons why you think the section/item has been
violated):**

**Request (based on the aforementioned justification, present what you request to be
reconsidered)**

Date, place and signature of the applicant

REMARK: If necessary, applicants may use more lines than those provided in this form as well as attach further documents perceived as relevant.