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#### BAREMA FORM

#### INSTRUCTIONS:

- 1. Each grade field not filled in will be considered a "grade 0".
- 2. Candidates who do not reach at least the cut-off mark in the Final Grade (NF) will be automatically considered failed.
- 3. The second column of the Transcript Analysis only needs to be completed if the subjects listed are not included in the transcript and the candidate wishes the Selection Committee to consider other subjects as equivalent. In this case, it is necessary to send, together with the transcript, the syllabi (signed by the course coordinator or digitally certified) of these equivalent subjects provided by the institution where they were studied.
- 4. Attaching this first sheet with instructions is unnecessary, just the Barema corresponding to the level intended for selection Master (Annex 4-A) or Doctorate (Annex 4-B) degree.
- 5. The Barema can be filled out by hand or typed.
- 6. The candidate must sign the PDF file containing the Barema sent at the time of registration.
- 7. The calculation of the Final Grade is entirely objective. It's of utmost importance to fill out the Barema accurately, aligning the grades with the supporting documents (history, CV, certificates, and syllabi). This precision allows each candidate to estimate their potential grade in the selection process, which will be published on the result day as per the schedule in Annex 3. The scores for each criterion will never exceed those indicated by the candidate through the completed Barema. However, the Selection Committee may assign lower grades if they find inconsistencies between the candidate's documentation and the scores indicated in Annex 2 of the Notice.
- 8. The Previous Link Score (PVP) part is a mandatory section for all candidates who have previously had a contract as a student at the same desired level (master's or doctorate) at UFAL or at any other institution, whether the link is active at the time of registration or terminated due to dismissal, abandonment or title (3 of the main reasons for termination of employment in PPGs). Failure to correctly complete this part by candidates who are in this condition constitutes fraud in this selection process and may be punished by challenging the registration and/or canceling the enrollment and scholarship.
- 9. Exceptional cases of termination of a previous contract due to force majeure or due to a degree in another area of knowledge may exempt the candidate from the negative PVP score, but only by attaching a document subsequent to the barema, written by the candidate, justifying the exact reason for the prior bond (there is no model, a simple and objective wording is sufficient), a document that will be analyzed by the Selection Committee, which will give the final opinion on whether or not the PVP should be applied to the Final Grade.
- 10. ATTENTION: FAILURE TO ATTACH THIS FORM, OR ATTACHING ONE THAT IS NOT ADEQUATELY COMPLETED, WILL HAVE SERIOUS CONSEQUENCES. IT WILL IMPLY IN NON-APPROVAL OF THE REGISTRATION.

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## ANNEX 4-A

## SELECTION BAREMA FOR ADMISSION TO THE MASTERS IN PHYSICS

## HISTORY ANALYSIS

Course Name	Equivalent course name(s) <sup>1</sup>	Score obtained by the candidate (according to the attached transcript)	
Physics 1 (Mechanics)			
Physics 2 (Oscillations, fluids, waves, and thermodynamics)			
Physics 3 (Basic electromagnetism)			
Physics 4 (Optics and introduction to matter structure)			
Average grade in Basic Physic	cs subjects (MFB; Weight 6) =		
Mathematical Physics 1			
Statistical Physics			
Classical Mechanics 1			
Quantum Theory 1			
Electromagnetism 1			
Average grade in Advanced P	hysics subjects (MFA; Weight 4) =		
Academic Transcript Grade (N	NHE;=[0.6*(MFB)+0.4*(MFA)]) =		

## **CURRICULUM ANALYSIS**

Criteria to be scored	Score obtained by the candidate (according to lattes and attached receipts) <sup>1</sup>	
Research project in Physics or scientific initiation program (maximum 5 points)		
Published article (maximum 2 points)		
Oral or poster presentation in Physics event (maximum 3 points)		
Curriculum Analysis Score (NAC) =		

**Previous Link Score (PVP)**: should only be left blank by candidates who have not had a previous link as a student at the same desired level (master's degree).

Prior link: ( )Yes ( )No	Institution:	Period:
Received scholarship: ( )Yes ( )No	Number of grants received:	Reason:

I hereby declare that I have read and understood the terms of this notice and agree to its rules. I also confirm that the supporting documents (such as history and certificates) for the scores submitted for this selection are genuine and obtained legally. Furthermore, all the information provided in this form is true. I fully understand that any violation of this declaration will result in legal penalties, as outlined in Article 299 of the Brazilian Penal Code, which stipulates the punishment for making false statements.

City	Date	Signature
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<sup>&</sup>lt;sup>1</sup>Filled it only if necessary - if there are equivalent subjects in the transcript.

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### ANNEX 4-B

# SELECTION BAREMA FOR ADMISSION TO THE <u>DOCTORATE</u> IN PHYSICS

### HISTORY ANALYSIS

Name of the discipline	Name of equivalent discipline(s) <sup>1</sup>			ed by the candidate attached transcript)
Classical Electrodynamics				
Quantum Theory				
Statistical Mechanics				
Average grade of mandatory subjects of the Master's in Physics (MO; Weight 6) =				
Average grade of elective courses, except seminars, teaching, and research internships (ME; Weight 4) =				
Weighted average, considering the respective weights described above, of MO and ME (P2) =				
Admission date to the Master's Degree:		End date <sup>2</sup> (or forecast):		$T^3 =$
Concept obtained by the Master's PPGF in the last CAPES assessment (Q): $P1(3*Q*24/T) =$			P1(3*Q*24/T) =	
Academic Transcript Grade (NHE= (10/6)*(P1+P2) =				

<sup>3</sup>Time, in months, to complete the Master's degree. The minimum, considered for the purposes of this calculation, is 24 months. Candidates who have not yet defended their Master's degree but who are within the regular deadline must fill in "24 months"; candidates who defended within, or before, the regular deadline for completing the Master's degree must also fill in "24 months".

### **CURRICULUM ANALYSIS**

Criteria to be scored	Score obtained by the candidate (according to lattes and attached receipts)
Published article (maximum 5 points)	
Oral or poster presentation in Physics event (maximum 5 points)	
Curriculum Analysis Score (NAC) =	

**Previous Link Score (PVP)**: should only be left blank by candidates who have **not** had a previous link as a student at the same desired level (doctorate).

Prior link: ( )Yes ( )No	Institution:	Period:
Received scholarship: ( )Yes ( )No	Number of grants received:	Reason:

I hereby declare that I have read and understood the terms of this notice and agree to its rules. I also confirm that the supporting documents (such as history and certificates) for the scores submitted for this selection are genuine and obtained legally. Furthermore, all the information provided in this form is true. I fully understand that any violation of this declaration will result in legal penalties, as outlined in Article 299 of the Brazilian Penal Code, which stipulates the punishment for making false statements.

City	Date	Signature
	//20	

<sup>&</sup>lt;sup>1</sup>Filled it only if necessary - if there are equivalent subjects in the transcript.

<sup>&</sup>lt;sup>2</sup>Month and year.