

# Curriculum Vitae

Juana Granados Rodríguez

## Personal Information

Universidad de los Andes, Bogotá, Colombia

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## Education

### Universidad de los Andes, Bogotá, Colombia

BSc in Physics, Minor in Mathematics (2020 - 2024)

GPA: 4.28/5.00

Expected Graduation: October 2024

Quantum Field Theory and Mathematical Physics Seminar (2024 - Present)

Nanomagnetism Seminar (2024 - Present)

### Coursera

*Learning How to Learn: Powerful Mental Tools to Help You Master Tough Subjects, authorized by Deep Teaching Solutions*

*Completed: July 2020*

Acquired innovative teaching strategies to help students grasp and retain complex subjects more effectively. The course emphasized the use of cognitive science-based techniques such as chunking, retrieval practice, and spaced repetition to enhance both teaching and learning outcomes. Applied these methods to develop more effective teaching practices and improve student engagement and academic performance. View Certificate

*Feminism and Social Justice, authorized by University of California, Santa Cruz*

*Completed: August 2024*

Explored foundational concepts in feminism and social justice. The course provided insights into the history and theory of feminist movements and their impact on social justice. Applied these principles to develop more inclusive and equitable practices, aiming to create a learning environment that supports all students. View Certificate

## Teaching Experience

### Monitor - Honors Integral Calculus and Differential Equations

August 2021 - December 2021

Responsibilities: Grading, assisting the professor, solving students' doubts, managing the course page and activities.

### Monitor - Vector Calculus

June 2023 - August 2023

Responsibilities: Grading, assisting the professor, and solving students' doubts.

## Technical Skills

Proficient in Python and LaTeX; experienced in computational modeling.

**Mathematics:** Precalculus, Calculus, Multivariable Calculus, Linear Algebra, Differential Equations, Discrete Mathematics, Probability, and Statistics

## Soft Skills:

- *Communication:* Effective in conveying complex concepts clearly, in both Spanish and English.
- *Problem-Solving:* Able to identify and solve complex academic and practical problems.
- *Organizational:* Demonstrated strong organizational skills in course and event management.
- *Patience and Empathy:* Known for patient and empathetic engagement with students.

**Languages:** Spanish (Native), English (Fluent)

## References

**Juan Gabriel Ramirez, Ph.D**

Professor, Universidad de los Andes

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**Andres Reyes, Ph.D**

Professor, Universidad de los Andes

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