

# Valentina Chaves

Advanced Mathematics Student

Villa Carlos Paz, Córdoba, Argentina

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## Education

Bachelor's Degree in Mathematics (Licenciatura – 5-year program with thesis)

National University of Córdoba – Faculty of Mathematics, Astronomy, Physics, and Computing.

Currently starting thesis project focused on Differential Geometry, with particular interest in symplectic and complex structures.

Expected completion: July 2026

GPA: 8.60 / 10

High School Diploma in Economics and Business Administration

Dante Alighieri Bilingual Institute, Villa Carlos Paz

Graduated: 2019

Average: 9.62 / 10

## Scholarships & Awards

- Scientific Vocation Scholarship – National Interuniversity Council (2024): Research on the complex and symplectic geometry of solvmanifolds.
- Argentinian Flag Bearer, 2019

## Conferences & Courses

- Regional Geometry Meeting (December 2024)
- Annual Meeting of the Argentine Mathematical Union (September 2024). Courses attended: Cluster Algebras; Introduction to Modular Forms.
- Argentina Programa Phase 1 (2022): Programming Course.

## Languages

- English: Advanced (Level 6 - University of Buenos Aires, 2024; Cambridge FCE, 2019)
- Italian: Advanced (Bilingual education 2006–2019; PLIDA Level B2, 2018)

## International Experience

- Exchange Program in Italy (2019): One-month stay with a host family, cultural and language immersion.

## Extracurricular Activities

- University Fair Collaborator – National University of Córdoba (2024): Supported outreach and organization for academic promotion programs.
- Expedición Ciencia Scientific Camp (2019)
- Model United Nations (MUN) Participant (2018)
- Argentine Mathematics Olympiad, National Level (2017, 2018)
- Argentine Informatics Olympiad: Provincial Outstanding Student (2015); National Mention (2014)

## Work Experience

Real Estate Assistant – SC Servicios Inmobiliarios (2019–present)

Oversaw digital marketing, managed listings and temporary rentals, coordinated guest support and collections.

Private Math Tutor – Secondary & Pre-university Level (2019–2023)

Provided personalized tutoring in algebra, geometry, and calculus.

Administrative Intern – Law Office of Dr. Marcela Fernández (July 2019)

Client reception, assistance with legal proceedings, document filing.

## Interests

- Mathematics: differential geometry, algebraic topology, Lie theory, research.
- Participation in mathematical conferences and meetings, math olympiads, and scientific camps.
- Science communication and teaching.
- Reading, including both literary works and scientific papers.
- Music, playing the piano.
- Sports, specifically tennis.
- Problem-solving in mathematics, technology, and programming.
- Traveling, exploring cultures different from one's own, and learning new languages.