

CURRICULUM VITAE

1. Personal Information

- **Name:** Roberto Elías Soruco Solís
- **ID:** 4481208
- **Nationality:** Bolivian
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2. Educational Background

Undergraduate

- **Degree:** Bachelor's in Mathematical Engineering
- **University:** Universidad Mayor de San Simón
- **Date:** July 2005

Graduate

- **Degree or Diploma:**
 - Diploma in University Teaching
 - **University:** Universidad Privada del Valle
 - **Date:** February 2026
 - Master's in Business Management (honors)
 - **University:** Universidad Mayor de San Simón
 - **Date:** July 2014
 - Diploma in Machine Learning and Data Science
 - **University:** Universidad Privada Boliviana
 - **Date:** October 2023

3. Teaching Training (University Teaching)

- **Year:**
 - 2006
 - **Course:** Diploma in University Teaching
 - **Location:** Cochabamba
 - **Duration:** 4 months
 - 2013 to 2016
 - **Course:** Diploma in Higher Education
 - **Institution:** Universidad Privada Boliviana
 - **Courses taken:** Andragogy, Advanced Moodle, Virtual Platform, 21st Century Workshop Challenges and Opportunities
 - **Location:** Cochabamba
 - **Duration:** 8 months

4. Teaching Experience

University | Department | Subject | Period

- Universidad Privada de Aquino
 - Systems Engineering
 - Calculus I

- March 2006 to November 2007
 - Gas and Oil Engineering
 - Calculus II
 - March 2006 to November 2007
 - Differential Equations
 - August 2007 to November 2008
 - Algebra II
 - March 2008 to August 2008
- Simón y Patiño University
 - Mathematics
 - Euclidean Geometry
 - August 2007 to November 2007
- Universidad Privada del Valle
 - Industrial Engineering
 - Calculus II
 - February 2008 to June 2008
 - Biomedical Engineering
 - Calculus III
 - February to June 2008
- Universidad Privada Boliviana
 - Architecture, Business, and Engineering Courses
 - Various Math and Statistics Courses
 - March 2010 to July 2012
 - MBA Program
 - Mathematics – Statistics
 - January 2013
 - Full-time Lecturer and Head of Exact Sciences Department
 - April 2016 to Present

5. Professional Experience

- **Position:** Head of Convalidations – Faculty of Technology
 - **Institution:** Universidad de Aquino Bolivia
 - **Period:** August to July 2007
- **Position:** Coordinator of Basic Subjects
 - **Institution:** Universidad Privada del Valle
 - **Period:** February 2009 to February 2010
- **Position:** Head of Exact Sciences Department
 - **Institution:** Universidad Privada Boliviana
 - **Period:** April 2015 to July 2024

6. Patented or Published Research

- **Project:** Optimal Control of Continuous-Time Linear Systems
 - **Institution:** UMSS – Undergraduate Thesis
 - **Year:** 2003
 - **Published:** UMSS
- **Project:** Introduction to Control Systems
 - **Institution:** UNIVALLE – Bolivian Journal of Science
 - **Year:** 2009
 - **Published**

7. Consulting Activities

- **Institution:** Universidad Privada Udaból

- **Consulting Area:** Technical validations in exact sciences subjects in Engineering
 - **Year:** 2007 - 2008
 - **Institution:** Universidad Privada Boliviana
 - **Consulting Area:** Webinars on teaching experience in a virtual platform with math software support
 - **Year:** 2021
- 8. **Languages**
 - **Foreign Languages:**
 - English - Intermediate to Advanced
- 9. **Software and Applications**
 - **Languages:** Linux – Unix BSD
 - **Software:** Ms Office, Latex, Maple, Matlab, Python, Mathematica, www.desmos.com
 - **Programming:** C++, Python modules, SciPy, NumPy, Matplotlib, SymPy, Data Science with Pandas Python
- 10. **Research Areas and Fields**
 - Applied Statistics in Decision-Making
 - Dynamic System Optimization
 - Python Programming in Data Science Models and Statistical Analysis