



## TENURE TRACK POSITION - ANALYTICS

The Department of Industrial Engineering at Universidad de los Andes is accepting applications for tenure-track positions at the Assistant Professor level or Postdoctoral (teaching-research) Positions. We are also open to considering senior applicants who demonstrate exceptional achievements and leadership. To be eligible, candidates must hold a Ph.D. degree by the start date of the appointment or shortly thereafter and show promise of exceptional scholarly achievement. Applicants working in any field of **Operations Research, Statistics and Computational Data Analytics** are welcome. The expected starting date is in 2024.

Located in downtown Bogotá, Colombia, the University is ranked among the top 10 universities in Latin America according to the 2023 QS University Rankings. Additionally, it is ranked among the top 200 universities worldwide, according to the 2023 QS World University Rankings.

The School of Engineering has over 6.000 students, including 4.638 undergraduates, 1.335 master's students, and 152 doctoral students. The School of Engineering comprises the departments of Biomedical, Chemical and Food, Civil and Environmental, Electrical and Electronics, Industrial, Computer Science, and Mechanical Engineering, each with ABET-accredited programs.

The Department of Industrial Engineering is the largest unit with 29 full-time faculty, 28 part-time faculty, and 64 teaching assistants, making up about one-third of all engineering students. The Department offers B.S., M.S., and Ph.D. degrees in Industrial Engineering, technology innovation, and analytics. Specifically in Analytics area, the Department offers the following master's programs: MIIA (Master in Analytical Intelligence for Decision Making) and MIAD (Master in Data Analytics Intelligence). MIIA has around 76 students and MIAD has approximately 176 students.

Our industrial engineering curriculum, accredited by ABET, prepares students with the skills to create, enhance, and manage integrated systems that encompass humans, materials, information, equipment, and energy. Our education and research are founded on four fundamental principles: (i) the ability to construct mathematical models using formal analytical tools, (ii) the broad approach of computational simulation, (iii) the transformation of raw data into decision-support information through data analytics, and (iv) the systems perspective in complex settings.

There are three research groups within the Department of Industrial Engineering: i) COPA, which supports decision making processes at organizations via the application of operations research, statistics, and computational data analytics; ii) TESO, that contributes to the development and diffusion of systemic thinking for the transformation of our society including the active participation of the communities; and iii) PYLO aims to continuously improve the production, logistics, and quality processes in organizations.

Please submit via email<sup>1</sup> to: [SearchCommittee\\_IE@uniandes.edu.co](mailto:SearchCommittee_IE@uniandes.edu.co)

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<sup>1</sup> Application Requirements: A cover letter; a research (max. two pages) and teaching statement (max. two pages); three (representative) research papers; three support letters (sent directly by the signee); and a CV.

**Industrial Engineering Department**

Main Campus Address: Cra 1 Este # 19A – 40 // Mario Laserna Building, 7th floor // Bogotá D.C., Colombia

Phone: 57 [601] 3394949 Ext. 2897 – 3861 - 3859

Universidad de los Andes // Monitored MinEducation // Recognition as a University: Decree 1297 of May 30, 1964.

Recognition of legal status: Resolution 28 of February 23, 1949 Minjusticia

