

## **Tenure Track Position - Financial Engineering / Business Analytics**

The Industrial Engineering Department of the 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 **Financial Engineering or Business Analytics with a focus on finance** are welcome.

The School of Engineering has over 4.600 undergraduates, 1.600 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 18 full-time faculty, 8 instructors, 37 adjunct (part-time lecturers,) faculty and 51 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.

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 conversion of raw data into decision-support information through data analysis, and (iv) the systems perspective in complex settings.

There are three research groups within the Department of Industrial Engineering: i) COPA supports decision making processes at organizations via the application of operations research (OR), statistics and computational-based data analysis; ii) TESO develops systems thinking methodologies in order to contribute integrally to the organizations viability; and iii) PYLO aims to continuously improve the production, logistics, and quality processes in organizations.

Applicants should submit a cover letter, curriculum vitae, research proposal, and teaching statement, and arrange to have three recommendation letters sent directly to the Chair of the Search Committee. Interested candidates could also schedule a preliminary interview with our faculty at the INFORMS Annual Conference. Applications and questions related to the positions should be addressed to the Chair of the Search Committee, Catalina Ramírez ([SearchCommittee\\_IE@uniandes.edu.co](mailto:SearchCommittee_IE@uniandes.edu.co)).

Applications will be accepted until the positions are filled.