

FACULTY POSITION IN CIVIL ENGINEERING (URBAN & BUILT ENVIRONMENT)

The Faculty of Engineering and Sciences of Universidad Adolfo Ibáñez has great pleasure in inviting researchers to apply for an open rank faculty position in Urban & Built Environment, Civil Engineering or related areas to start on **March 1st 2022** or as soon as possible thereafter.

The Faculty of Engineering and Sciences (FES) of Universidad Adolfo Ibáñez (UAI)

UAI is a prestigious private university in Chile. Founded as a business school in 1953, in 1988, it started operating as a university. At present, it has 12,400 students in 8 different schools located on two campuses: one in Santiago, the capital city of Chile, and the other in the coastal city of Viña del Mar.

The FES is one of the leading schools of engineering in Chile, which has experienced rapid growth over the last ten years. It has about 4,000 students and more than 100 full-time professors. The FES offers 7 undergraduate engineering degrees, in addition to its M.Sc. and Ph.D. programs. The FES brings together an open-minded community of scholars who combine fundamental and applied research meant to develop creative and innovative projects. These projects are expected not only to advance the frontier knowledge but also to contribute toward developing solutions that can help to reach our sustainable development goals as portrayed by strategic plan (available at <https://ingenieria.uai.cl/plan-fic/>).

Job description

Applications are invited from outstanding candidates with expertise in civil engineering, in the field of **construction engineering and management**. Candidates working in the following areas are encouraged to participate: construction planning and management; road engineering; building information modeling (BIM); GIS applications to construction; lean construction; environmentally conscious construction; life cycle and risk assessment; sustainable materials; sustainable design and construction; climate change and energy efficient building; rehabilitation of critical infrastructure systems; productivity assessment and improvement; construction equipment, methods and safety; visual sensing and analytics for project control; contract management; human factors in construction. Other areas of construction engineering and management are also encouraged to apply. It is expected that the candidate's expertise aligns with the vision of the FES, fostering the application of data science in civil engineering in order to achieve sustainable development.

Faculty members at FES are expected to teach undergraduate and graduate courses related to civil engineering and related fields, in Spanish and/or English, supervise theses, conduct high quality research, publish in top international journals, submit research proposals to national, international and multinational funding organizations, and participate in outreach activities. FES also encourages and welcomes technological transfer and research in

collaboration with the industry and the government. The salary depends on the qualifications of the chosen candidate. As a reference, a starting Assistant Professor should expect a basic annual remuneration ranging between US\$ 48.000 and US\$ 65.000 (before taxes). This salary does not include potential stipends from grants or research contracts.

Candidates need not be fluent in Spanish at the moment of applying. They must have excellent oral and written communication skills, a great aptitude for teamwork, and a marked academic interest in high quality education and research. Requirements include a PhD degree in Civil Engineering or related field.

At FES we believe that diversity broadens our research scope and enhances the quality of our education, so we highly encourage women, international scholars and minorities to apply for this position.

Application instructions

Applications should be turned in by **November 15th, 2021** to ensure full consideration, but the search will continue until the positions have been filled. Candidates should submit the following information via email to FacultyPositions.FIC@uai.cl (e-mail subject: Job Position in Civil Engineering), including at least:

1. Statement of purpose (in English) indicating your merits for the vacancy, and your plans in the areas of research and teaching in which you are interested.
2. Curriculum vitae, which must at least include: contact information, educational background, educational and/or professional experience, and a list of publications in scientific journals.
3. Name, position and contact information of at least three people who can submit a recommendation letter in case you are shortlisted.
4. Availability to work in the campus of Santiago, Viña del Mar or both.

The candidate may also be asked to give a lecture about his/her current research topics and/or to hold interviews with the Dean and members of the Faculty of Engineering and Sciences. Interviews may be done by electronic means, if necessary.