

Associate Professor

Ecole/Institution/Société:

School of Engineering, Chile / Santiago

Discipline:

Industrial Engineering

Type d'emploi::

Full-time

Date de publication:

2025-02-23

Personne à contacter:

If you wish to apply for this position, please specify that you saw it on AKATECH.tech

Faculty Position (Assistant Professor) in Building Construction

Job description

Tipo de planta académica: Regular Academic Track

Employment: Full time

The School of Civil Construction of the Faculty of Engineering at UC Chile invites outstanding candidates for two full-time faculty positions in Building Construction. Although this call is initially intended for Assistant Professor-level candidates, exceptional applications at the Associate Professor level are also welcome.

Duties

High-quality teaching (at construction undergraduate and graduate levels) and conducting independent research. Additional duties include knowledge transfer, outreach, student counseling, and university administrative tasks. The new position in Building Construction should conduct research on such topics as:

Workforce Strategies

Infrastructure Systems

Construction methods

Construction Safety

Jobsite Productivity Improvement

Construction cost engineering

Construction operations analysis

Quality Management in Construction Projects

Building information modelling

Virtual Design and Construction (VDC)

Digital twins

Simulation of construction operations

Equal opportunity employer

EEO/AAP Policy Statement

UC Chile is committed to providing equal employment opportunities, fostering an inclusive, diverse and fraternal community, and promoting the academic development of women and men.

Other Chilean and University employment benefits may be found in:

Foreign workers in Chile

Labor laws in Chile

University rules and regulations

All members of UC Chile subscribe the Code of Ethics that can be found in <https://www.uc.cl/codigodehonor>

Qualifications

Applicants must have earned a Ph.D. degree in a related discipline (*i.e.*, builder, construction

engineering, civil engineering, industrial engineering, architectural engineering, architecture) at the time of hiring. Due to the nature of our School, the applicant will have the opportunity and should be willing to work collaboratively with other Departments in the University. The application should state previous postdoctoral or international academic experience.

Candidates do not need to be fluent in Spanish at the time of application but should be prepared to learn the language well enough to teach in Spanish in the short term (two years maximum). English is a requirement.

Applicants must demonstrate a solid commitment to all aspects of academic life and the public good of the institution. They must be highly motivated to improve their teaching skills continuously, have a genuine interest in getting involved with our graduate programs (especially the doctoral program), and be able to develop and maintain an active research agenda leading to high-quality publications, securing research grants, generating and participating in interdisciplinary projects, leading scientific and industry-liaison initiatives, strengthening and creating national and international academic networks, etc. The candidate will also be expected to create new undergraduate and graduate courses and teach traditional courses in related areas.

Required documents

A research statement (in English) that indicates the immediate and long-term goals of the applicant's research plan and details potential collaboration networks with other researchers and plans for interactions with scientists in Chile and other countries.

A teaching statement of purpose (in English) indicating why the applicant should be considered for the position and the plans for teaching. The applicant should be as specific as possible by providing examples of the plan to transfer knowledge to undergraduate and graduate students.

An updated curriculum vitae (in English, see note B).

If available, copies of five recent Web of Science publications that are relevant to the context of the application (see note C).

At least three letters of recommendation, which must be emailed directly by the signatories to hmesa@uc.cl

Note A: The applicant will get a response from this email address confirming that the documents have been received.

Note B: The CV must be organized as follows:

Personal information: name, address, contact telephone number (with country and city codes), email address, web page (if any).

Education: all academic and professional degrees, indicating the granting institutions and dates. If the applicant is currently enrolled in a doctoral program, please indicate the expected date for the degree.

Educational experience (University or institution, courses taught, and years).

Professional experience (employer, duties, years).

Research:

a. List of Web of Science journal publications (see note C).

b. List of other publications such as reports, books or book chapters, conferences attended, research projects participated in, patents, etc.

6. Other: awards, computer skills, languages, and any other relevant background information.

Note C: Please avoid padding the list with other publications, such as those published in journals not indexed in the Web of Science database, conference presentations, and others.

Additional information

Additional information can be obtained by emailing the School Director, Felipe Ossio (faossio@uc.cl), or Harrison Mesa, Director of Research of the School of Civil Construction (hmesa@uc.cl).

Appendix 1. Application steps

Interviews/Seminar:

Interview with the Dean of the Engineering Faculty

Interview with board members of the School of Civil Construction

Interview with the Selection Committee

Psychological Interview

Seminar (open to members of the School of Civil Construction)

The interviews and seminar are generally carried out within a week.

2. Selection of the final candidate by the School and the Selection Committee

3. Ratification of the selected candidate by the School Council

4. The selected candidate is informed (offer letter)

The time that elapses from the interviews until the final resolution is typically around two months.

Application instructions

Applicants should submit the documents to hmesa@uc.cl (in the email subject line, please indicate: Faculty position in Building Construction; see note A) by October 30th, 2024 (late applications will be considered until the position is filled).

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