

Two Academic Position in Civil Engineering at UDP in Santiago, Chile

JOB DETAILS:

The Faculty of Engineering and Sciences at Universidad Diego Portales invites applications for one full-time tenure track position starting in March of 2023.

QUALIFICATIONS:

A PhD degree in civil engineering or a closely related field is required, though applicants in the late stage of doctoral studies may also be considered. Individuals with research interests in civil engineering systems, construction management, civil works, water sanitation and sustainability are especially encouraged to apply.

The selected persons are expected to teach undergraduate and graduate level courses in Spanish; supervise undergraduate and Master theses; conduct high-quality research in collaboration with the industry and government institutions; publish in top international journals, and participate in outreach activities.

Relevant industry experience or applied research is a plus. WoS publications would be extremely welcome. Applicants must have the ability to teach civil engineering-related courses other than their own major, such as: road and highway design, geotechnical engineering, environmental engineering, hydraulic design (pipeline, dams, sewage, water treatment plant, and drainage systems), construction management (BIM, project administration, construction surveying, and construction contracts), industrial construction, sustainable construction, and digital transformation in civil engineering (smart cities, urban analytics, digital twins, blockchain/smart contracts, IoT for structural health monitoring, and deep learning in civil engineering applications). Additionally, experiences in research and projects with a multidisciplinary approach, gender equality perspective, and a focus on international collaboration will enhance the candidates' applications.

The Faculty of Engineering and Science is committed to equal opportunity and diversity in its workforce. We encourage applications from women and minority groups and welcome applications from dual-career academic couples. Researchers whose productivity has been particularly affected by the pandemic should specify this in the cover letter.

Applicants must have a strong commitment to undergraduate education and teaching excellence. A willingness to collaborate with students and faculty and become involved in university service is essential.

The successful candidate does not need to be fluent in Spanish when applying. Though she/he must have excellent oral and written communication skills when giving lectures. In addition, the candidate must have an observable dedication to undergraduate education, enthusiasm for professional engagement with students in and out of the classroom, and the ability to work in teams in a collegial environment.

RESPONSIBILITIES:

The primary responsibility will be to deliver undergraduate civil engineering courses in a student-centered learning environment. The typical teaching load is equivalent to two courses each semester. Research responsibilities include applying for national or international grants with external funds and publishing articles in high-level indexed journals (WoS). Applicants will also be expected to participate in scholarly activities.

CAMPUS INFORMATION:

Universidad Diego Portales was founded in 1982. It is an equal opportunity and affirmative action employer, encouraging applications from female and minority candidates and others who will enhance our community. The School of Civil Engineering graduates about 50 students per year. The campus is located in Santiago Downtown within a historic neighbourhood with excellent public transport access. The city offers ideal school systems (both in Spanish and bilingual in English, French or German), high-quality medical and hospital facilities, ample recreational opportunities, and a dynamic business environment. More information about the University and School can be found at: www.udp.cl

ADDITIONAL INFORMATION:

Salary: Competitive and excellent benefits.
Effective Date of Appointment: March 1, 2023

TO APPLY:

Applicants should submit the following information by email to: postula-civil@mail.udp.cl (email subject: Job position in Civil Engineering) by December 31, 2022. The following information should be included in the email:

1. Statement of purpose (in English or Spanish) indicating your merits for the vacancy and your plans in the areas of research and teaching. Be specific, *e.g.*, giving examples of how you aim to transfer your knowledge and background to undergraduate and graduate students and detailing potential collaboration networks with other researchers you may have developed or intend to develop in the future;
2. Curriculum vitae (in English or Spanish, see Note A);
3. If available, a copy of your five most relevant WoS publications. In case you do not have WoS articles, include articles that you consider relevant in the field (*e.g.*, conference proceedings);
4. Two letters of reference sent directly by the persons who sign them to postula-civil@mail.udp.cl

Note A:

1. Personal background: name, address, contact telephone (country and city codes), email address, web page (if available), age, and nationality;
2. Educational experience (university or institution, courses taught, years);
3. Professional experience (company, tasks, years);
4. Education: list all degrees or professional titles obtained with granting institutions and dates, starting from your secondary education degree. In case you are on the course of obtaining a PhD, indicate the date you expect to get such a degree;
5. Research
 - (a) List of WoS journal publications and Web of Science Citation Report
 - (b) List of other publications such as: reports, books or book chapters, conference proceedings, research projects, patents, etc;
6. Other: prizes and awards, computing abilities, languages, and other background information that you consider relevant.

Once the complete set of application materials has been received, the applicant will be contacted (within a month) and informed whether or not his/her application has been found acceptable. If this initial screening is successful, the candidate may be asked to give a lecture about his/her current research topics and to hold interviews with the Dean or other members of the Faculty of Engineering. Applicants may also request more information on a specific topic by sending an email to Prof. Hernán Alcayaga (hernan.alcayaga@udp.cl).