



## ***Faculty of Engineering and Geological Sciences***

### ***Department of Metallurgical and Mining Engineering***

#### ***Requires hiring 1 academic with a Doctorate Degree in the area of Metallurgical Engineering, Full Time***

We are seeking to fill one (1) full-time academic vacancy in the following topic within Mineral Processing Engineering: Stochastic numerical simulation of ore concentration by flotation, in addition to presenting an advanced knowledge in data science.

An initial fixed-term contract is offered for two years, and, later, an indefinite contract according to performance and evaluation of the Department of Metallurgical and Mining Engineering of the Universidad Católica del Norte.

This Academic Unit is responsible for teaching the Civil Metallurgical Engineering, Metallurgy Engineering and Civil Mining Engineering degrees. It is expected that the selected person will also contribute to the strengthening of the faculty of the academic programs of Master in Engineering Sciences Mention in Metallurgy and Master in Mining Engineering Sciences, as well as the future Doctorate program in Mining.

#### **Candidate requirements:**

- Professional title of Civil Metallurgical Engineer, Civil Mining Engineer, Chemical Engineer, geologist or related.
- Ph.D. degree (or Ph. D. candidate on his last stage of doctorate) in Mineral processing or related topic.
- Specialization in the area of stochastic numerical simulation of ore concentration by flotation.
- Advanced knowledge in Data Science
- Scientific or technological productivity demonstrated through WoS publications and/or patents or other industrial property mechanisms, particularly in the last five years
- Working experience in university teaching.
- Advanced level of English language and communication skills in Spanish.
- Leadership skills and ability to work in multi- and interdisciplinary teams.

#### **Required records to postulate**

- Curriculum Vitae.
- Copies of the most relevant publications of the last five years and/or patent or other industrial property mechanisms certificates.
- Two letters of recommendation.
- Legalized copy of titles and degrees.

#### **We are offering**

- Salary according to the income scale of the Universidad Católica del Norte.
- Economic incentive for scientific publications according to indexing and quartile.

The evaluation of the antecedents will be carried out by the Council of the Academic Unit. The Council may request a personal interview and a psychological evaluation to the applicants (with or without previous experience in the university academic field). Deadline for receipt of background information: until August 1, 2022.

**The Universidad Católica del Norte reserves the right to declare the contest void without expression of cause.**

In accordance with Chilean Law No. 20,422, which establishes standards on equal opportunities and social inclusion of people with disabilities, Universidad Católica del Norte seeks to ensure that selection processes are developed under equal conditions for all people. For this reason, applicants can inform if they require support devices, adjustments to the instruments used during the selection process or other adaptations.



Universidad  
Católica del Norte



**6 Años  
Acreditada**  
Desde: Noviembre 2016  
Hasta: Noviembre 2022

- Gestión Institucional
- Docencia de Pregrado
- Docencia de Postgrado
- Investigación
- Vinculación con el Medio



Applications and information can be sent or requested to: **Dr. Javier Arzúa Touriño**, Head of the Department of Metallurgical and Mining Engineering. Email: [concursos.ficg@ucn.cl](mailto:concursos.ficg@ucn.cl), Universidad Católica del Norte, Avda. Angamos 0610, Antofagasta, Chile. Results of the call for tender: August 15, 2022.