Cargo: Phd – Civil Engineering
Faculty of Sciences:

In such a context, the Faculty of Sciences SSC welcomes applications for one tenure-track (full-time) faculty position appointed at the minimum rank of Assistant Professor*.

Required Academic Profile:

Researcher with doctoral background in the area of Bioresources with proven experience -through publications and projects- in the use and valorization of biomass of microbiological, vegetal or animal origin. The candidate must have academic background in the disciplines of chemistry or biochemistry, and meet with the scientific productivity orientations of the CNA, to be part of the academic staff of the Doctoral program in Biodiversity and Bioresources.

General Application Requirements:

• Doctorate or PhD degree (postdoctoral experience is desirable) with academic background in chemistry or biochemistry
• Capability to develop basic and/or applied scientific research, demonstrated through scholarly publications (and/or patents) and research projects granted in competitive calls from national or international agencies.
• Minimum productivity in the last five years: 8 publications (WOS), and 1 research grant as principal investigator. See more details in the previous section.
• Experience desirable in undergraduate and graduate teaching.
• Advanced level in written and spoken English. Non-native Spanish speakers should demonstrate an advanced level in Spanish.
• Starting date: 01 July 2019 (or as soon thereafter as possible).

Area of Bioresources: oriented to the study and development of biological and chemical transformations or processes that generate added value to biological or biogenic resources and that favor their sustainable use.

CNA orientations for scientific productivity:

• 8 WOS publications in the last 5 years. At least 60% of those publications should be Q1 or Q2 in the discipline. A patente is considered as Q1 and Q2 publication.
• Principal investigator or director of projects with external funding in the las 5 years, considering FONDECYT, FONDEF or other projects included in the following list: CEE, FIA, Milenio (Núcleo o Instituto, Fondap, Conicyt – PIA (Centros Basales o Anillos), IdeA (Ciencia Aplicada, Investigación Tecnológica), FIC-R, NSF (or similars), NIH, IFS, Corfo (I+D Aplicada, Incentivo Tributario a la Inversión privada en Investigación y Desarrollo, Proyectos de Alta Tecnología, Proyectos de Innovación Tecnológica), Fundación Copec, FIP, INACH, CONAF (Fondo de Investigación del Bosque Nativo).
Application Documents:

- Curriculum Vitae.
- Two letters of recommendation.
- Photocopies of university diplomas (professional titles and/or academic degrees).
- Cover letter including (i) brief description of academic trajectory, (ii) perspectives to contribute to the Department or Faculty (research lines to develop, potential collaboration with other academics, contribution to teaching at graduate and undergraduate levels, academic administration, outreach), and (iii) salary expectations.

Selection Process:

1. A pre-selection of applicants will be made on the basis of their academic background, according with the profile and requirements defined for the position.
2. Pre-selected applicants will hold an in-person or online interview with the corresponding Selection Committee, followed by a presentation to the Faculty.
3. The UCSC reserves the right to leave the position(s) unfilled.

Submission Of Documents:

Application documents (prepared as a single PDF file) should be submitted via email to concursos@ucsc.cl, with the subject: “Application [position’s code]”.

When applying for this position, please refer to vacancy number CIEN-02