BCIT’s BSc and MSc programs in Ecological Restoration are among North America’s very few programs that specialize in this emerging discipline. These programs provide graduates with a world-class foundation in the fundamental science, applied knowledge, and technical skills needed to restore a broad range of degraded ecosystems. Both programs have been designed to advance the science and practice of ecological restoration.

The BSc is a 2-year program (years 3 and 4) and is one of just two Canadian BSc programs in ecological restoration. The MSc program is Canada’s only graduate program specializing in ecological restoration, and is offered jointly between BCIT and Simon Fraser University. In both the BSc and MSc programs, students work with the programs’ many professional partners on a wide range of applied restoration projects, thereby gaining experience in addressing many current environmental challenges. Graduates of both programs have an excellent track record of securing positions with consulting companies, nonprofit organizations, as well as all levels of government including First Nations.

The BSc and MSc programs, in partnership with the BCIT Rivers Institute, are widely renowned locally and internationally for their field-oriented learning and applied research. The BCIT Rivers Institute plays a leadership role in the protection and restoration of rivers, lakes, wetlands, and estuaries, while also supporting and mentoring the next generation of river stewards.

POSITION SUMMARY:
The Ecological Restoration BSc and MSc programs are seeking a full-time (1.0 FTE) temporary Instructor, with potential for extension based on demonstrated success. The position will entail instructing courses at the undergraduate and graduate levels, as well as developing and modifying course material (with a strong emphasis on designing and instructing field-based and other applied learning outcomes). The position will also entail supervising capstone projects for BSc students (RENR 8302, RENR 8303) and MSc students (ECOR 9300, ECOR 9400). The position will require supporting several all-day or week-long field trips, as well as assisting with program management (e.g., promoting the ER programs, organizing field trips, program revisions). The successful candidate should have a strong foundation in the physical sciences, such as hydrology, fluvial geomorphology, soil sciences/geology, terrain mapping/assessment. Candidates should also have strong field skills, knowledge and experience of research/monitoring design, and preferably experience applying knowledge of the physical sciences within an environmental management/ecological restoration context. Experience with any of the following are particularly advantageous: GIS, watershed assessment, terrain and ecosystem mapping, sediment and soil erosion control. Courses taught will be based on the strengths of the successful candidate and the needs of the program, with the ability to teach the following courses particularly advantageous: Terrain and Stream Channel Assessment for Ecological Restoration (RENR 8201), Applied Stream Channel Morphology (RENR 8108), Concepts of Ecological Restoration and the Physical Environment (ECOR 9100), First Nations Perspectives & Natural Resource Management (RENR 8002). The position may also entail responsibilities within the BCIT Rivers Institute.
WHAT THIS POSITION HAS TO OFFER:

- A generous Total Compensation package which may include a competitive pension plan.
- Professional Development Funds and opportunities for career development.
- Tuition waivers for BCIT courses.
- Subsidized parking and fitness facilities.

MINIMUM QUALIFICATIONS:

- Minimum of MSc (ideally PhD) in hydrology, fluvial geomorphology, soil sciences/geology, applied ecology, or a related discipline.
- Minimum of three years of experience in hydrology, fluvial geomorphology, terrain mapping/assessment, soil sciences, applied ecology, or a related eco-hydrology discipline.
- Knowledge and experience designing research and monitoring programs.
- Experience designing and implementing a range of field assessments, including for instance assessments of hydrology, stream channels, water quality, soils, terrain, or biota.
- Excellent communication, organizational, and interpersonal skills. Applicants invited for an interview will be required to submit an example of their writing and deliver a presentation for the selection committee.
- Demonstrated ability to work effectively in a collegial environment.
- Demonstrated ability to work independently as well as part of a team.
- Demonstrated flexibility and adaptability, which are needed to effectively manage the dynamic conditions and logistics associated with our applied programs.

PREFERRED QUALIFICATIONS:

- Strongly preferred is a demonstrated ability to teach effectively at the post-secondary level in both classroom and field settings.
- Strongly preferred is experience using GIS software.
- Strongly preferred are knowledge of the soils and ecosystems of British Columbia.
- Knowledge of and experience with the principles of ecological restoration/environmental management.
- Experience teaching and/or working with First Nations.
- Experience designing and implementing management treatments focused on topics such as stream restoration or soil erosion.
- Demonstrated ability for program management.
- A class 4 driver’s license or the ability to obtain one upon hiring.

START DATE: August 1, 2019 to May 31, 2020
SALARY RANGE: $53,566 to $93,828 per annum.
Prorated based on term of appointment.
Salary based on education, experience and placement criteria as outlines in the Collective Agreement.

COMPETITION NUMBER: 19SF225
OPENING DATE: June 5, 2019
CLOSING DATE: June 18, 2019

BCIT offers a competitive salary, generous benefits package and promotes an inclusive workplace. BCIT is an equal opportunity employer. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.
Only those selected for an interview will be contacted.

Only successful candidates will be required to have transcripts submitted directly to BCIT’s Human Resources Department directly from granting institution at the time of reference checks. If applicable, successful candidates will be responsible for the completion of international credential evaluations. All appointments will be conditional until receipt of verified credentials.

To apply, visit us at careers.bcit.ca

We are only able to accept applications that are submitted on the BCIT Careers website.