



**ROBERT M. BUCHAN DEPARTMENT OF MINING  
Term Adjunct Position  
Academic Year Winter 2025**

**Posting Date:** Monday, October 8, 2024

**Closing Date:** 12noon, Monday, November 4, 2024

The Robert M. Buchan Department of Mining Engineering, Smith Engineering at Queen's University invites applications from suitably qualified candidates interested in teaching the following course for the fall 2024 session.

**MINE 821 – Hydrometallurgy and Electrometallurgy: Theory and Practice  
January 1 to April 30, 2025**

**Qualifications**

Minimum of BAsC and post-graduate studies in Mining Engineering or related field. Previous teaching experience at the University level considered an asset. Previous educational background and/or experience must be suited to teaching the course described below. Candidates must have excellent communication and presentation skills, as well as being capable of working as a member of a teaching team.

**Course Description**

This lecture- and seminar-based course covers the advanced topics about hydrometallurgy and electrometallurgy. The course involves the theory of leaching, solid liquid separation, solvent extraction and ion exchange, chemical precipitation and electrometallurgy. In addition, several process options and flowsheets for the recovery of selected base metals (copper, zinc and nickel) and gold will be presented. Each student will perform a literature survey, write a report and present on a topic of interest.

**Course Details**

Format: lectures, labs, and tutorial hours per week for twelve weeks. (Lec: Yes, Lab: Yes, Tut: Yes)

Audience: graduate level students

Location: in person



Lab Supervision - Yes

Expected Enrolment (subject to change): 15 students

Percentage of Responsibility: 100%

The above course is in person at the Kingston, Ontario campus. Lectures and exams will be conducted in person. The contract will run from January 1, 2025 to April 30, 2025. The winter session runs from January 6 to April 4, 2025 with exams running from April 6 to April 23, 2025.

The University invites applications from all qualified individuals. Queen's is strongly committed to employment equity, diversity, and inclusion in the workplace and encourages applications from Black, racialized/visible minority and Indigenous people, women, persons with disabilities, and 2SLGBTQ+ persons.

The University will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs. If you require accommodation during the interview process, please contact [mine.office@queensu.ca](mailto:mine.office@queensu.ca).

Academic staff at Queen's University are governed by a collective agreement between [QUFA](#), and Queen's University.

### **Application Process**

To comply with Federal laws, the University is obliged to gather statistical information about how many applicants for each job vacancy are Canadian citizens/ permanent residents of Canada. Applicants need not identify their country of origin or citizenship, however, all applications must include one of the following statements: I am a Canadian citizen/permanent resident of Canada; OR, I am not a Canadian citizen/permanent resident of Canada. Applications that do not include this information will be deemed incomplete.

Applications should include a complete and current curriculum vitae, a statement of teaching experience, the names and contact details of two referees who may be contacted, and any other relevant materials the candidate wishes to submit for consideration.

Applications can be submitted to the Adjunct Appointments Committee at the address below, or by e-mail to [mine.office@queensu.ca](mailto:mine.office@queensu.ca). Applications should arrive no later than **12noon on Monday, November 4, 2024**.

Adjunct Appointments Committee  
c/o Heather Drouillard



**SMITH  
ENGINEERING**  
Queen's University

Robert M. Buchan  
Department of Mining

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