

# Modular Course in Exploration Geochemistry

09-18 December 2020

*The Best Place in  
the World to  
Study Geology!*

11-day intensive course in Exploration Geochemistry including a 1-day tutorial on iOgas® geochemical plotting and analysis software (no extra cost but required for those not proficient in iOgas), lectures and laboratory exercises on Analytical Methods, Quality Control and Quality Assurance, Lithochemical and Surficial Geochemical Methods including Radiogenic and Stable Isotopes, Alteration Geochemistry, and Alteration Indices.

Applications and Case Studies in Lithochemical, Surficial Chemistry, and Drift Prospecting.

## Prerequisites

Advanced undergraduate-level courses in *High-Temperature Geochemistry*, *Igneous Petrology*, and *Ore Deposits*.

## Course Format

Lectures and discussions (multiple expert instructors) and laboratory exercises (combination of spreadsheet calculation, plotting, modelling, and interpretation).

## Remote Delivery

All components of the course will be delivered live via Zoom®, including lectures, discussion, and laboratory exercises. Sessions from 9 am to 5 pm with two 30-minute breaks and a 1-hour lunch.

## Grading

Laboratory exercises and problem sets 100%.

## Course Credit

3 credits, applicable toward thesis-based or coursework-based MSc programs and PhD programs; applicable toward continuing education and professional development requirements for Professional Registration.

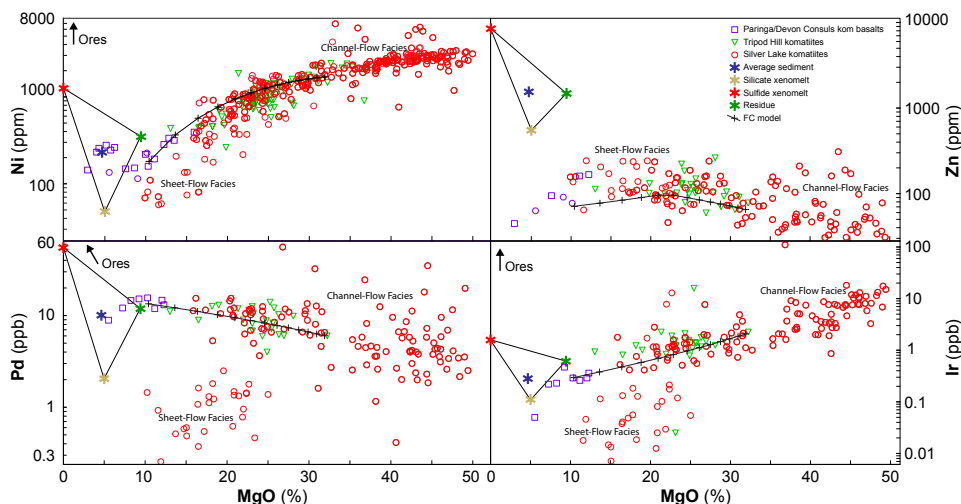
## Computer Software

Laboratory exercises will be submitted by e-mail as Microsoft Excel® and Word® documents. Participants must know how to use these programs.

## Course Notes

Notes will be provided as colour PDFs at no cost to all registered participants.

*The notes for this course remain the intellectual property of the presenter and may contain unpublished and/or confidential information and copyrighted figures. They must not be copied or given to anyone else under any circumstances.*



## Additional Information

Schedule and logistical information posted closer to the date on <http://hes.laurentian.ca> under *Modular Courses*

For information about Registration contact Mme Roxane Mehes [rmehes@laurentian.ca](mailto:rmehes@laurentian.ca)

For information about the course content and logistics contact professor Michael Lesher [mlesher@laurentian.ca](mailto:mlesher@laurentian.ca)

## Course Costs for Currently Enrolled University Students

CAD \$1277 for Canadian residents (payable through LU or your university)  
CAD \$3309 for non-residents (see [laurentian.ca/graduate-fees](http://laurentian.ca/graduate-fees) under Part-Time)

## Course Costs for Professional Participants\*

CAD \$1200 (plus HST) for entire course (including PDFs of course notes)  
CAD \$120 (plus HST) per day for individual course days (including relevant course notes)

**Discount for MERC members** (Foundation: 20%, Tier 1: 10%, Tier 2: 5%).

\*Contact us for sharing options for multiple participants in the same company.

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Canada's Mining University

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