GEOL 5806
Modular Course
December 5-15, 2018
Exploration Geochemistry

Course Description

11-day intensive course in Exploration Geochemistry including a pre-course 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, Lithogeochemical and Surficial Geochemical Methods including Radiogenic and Stable Isotopes, Alteration Geochemistry, and Alteration Indices; Applications and Case Studies in Lithogeochemistry, Surficial Chemistry, and Drift Prospecting.

Remote Learning Option: The course will be given in the recently-constructed state-of-the-art Executive Learning Centre on the third floor of the Fraser Auditorium Building, which includes an 80-seat multimedia lecture theatre and five seminar rooms, all equipped with the latest presentation and communication technology. If you have a high-speed internet connection with no data restrictions and are interested in participating in the course remotely, please consult the connection information on https://hes.laurentian.ca/programs-and-courses/modular-courses.

Prerequisites: Advanced undergraduate-level courses in Geochemistry, Petrology, and Ore Deposits.

Course Format: lectures, laboratory practicals, and problem sets.

Grading: Laboratory practicals 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.

Course Cost: Students: Tuition and PDFs of course notes included in tuition fees (CDN$ $1306 for Canadian residents, CDN$ 2915 for non-residents: see http://laurentian.ca/graduate-fees under Part-Time).

Non-Students: CDN$3107.50 (includes HST) for the entire course (including PDFs of course notes, CDN$339 (includes HST) per day for individual course days (including relevant course notes), or $84.75 for individual 90-minute lectures or labs (including relevant course notes).

MERC Foundation and Corporate members are eligible for discounts.

All participants are responsible for their own travel, lodging, and meals.

Registration: For additional information please contact Prof Michael Lesher mlesher@laurentian.ca. To register please contact Roxane Mehes rmehes@laurentian.ca.