Modular Course
Exploration Geochemistry
06-16 December 2012
Mineral Exploration Research Centre
Department of Earth Sciences
Laurentian University

Course Description: 11-day intensive course in Exploration Geochemistry including Analytical Methods, Quality Control and Quality Assurance, Lithogeochemical and Surficial Geochemical Methods, Radiogenic and Stable Isotopes, Alteration Geochemistry, and Alteration Indices. Applications and Case Studies in Lithogeochemistry, Drift Prospecting, and Surficial Geochemistry.

Presenters (tentative): Dr. Marcus Burnham (OGS), Dave Crabtree (OGS), Richard Dyer (OGS), Dr. Harold Gibson (LU), Dr. Wayne Goodfellow (GSC), Dr. Eric Grunsky (GSC), Stewart Hamilton (OGS), Dr. Jennifer Hargreaves (OGS), Dr. Daniel Kontak (LU), Dr. Kurt Kyser (Queen’s U), Dr. Michael Lesher (LU), Dr. Beth McClenaghan (GSC), Dr. Jan Peter (GSC).

Other Contributors: Steve Piercy (Memorial U)

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 Costs: LU Students: tuition included in regular course fees. Ontario Students: tuition dictated by terms of Ontario Visiting Graduate Student agreement. Non-Ontario Canadian Students: tuition CDN$878 with Letter of Permission from Canadian university. Foreign Students: tuition CDN$1947 with Letter of Permission from Foreign university. Non-Students: CDN$2250 + GST for the entire course or CDN$275 + GST per day. MERC Foundation and Corporate members are eligible for discounts.

Student Registrations: please contact Roxane Mehes rmehes@laurentian.ca
Non-Student Registrations: please contact Char Mosher cmosher@laurentian.ca

Course Notes: Students: $85 (to be paid in advance). Non-Students: included in course fees.

Travel/Accommodation/Meals: All participants are responsible for their own travel, lodging, and meals.

Updated course syllabus, schedule, and logistical information will be posted at: http://earthsciences.laurentian.ca/ under Modular Courses. For other information please contact: mlesher@laurentian.ca