

**GEOL 5606**  
**Exploration for Magmatic Ore Deposits**  
**08-19 April 2018**

***Logistical Information***

**1) Registration**

**LU Students:** Register as usual.

**Ontario Students:** Download and fill out the *Ontario Visiting Graduate Student* form from <http://ocgs.cou.on.ca/bin/home/ovgs.cfm> and have it signed by the Graduate School at your home university, who will send it to the Graduate School at LU. If you have any problems, contact Linda Weber [lweber@laurentian.ca](mailto:lweber@laurentian.ca). **NOTE: Courses taken under this scheme must be for credit, not audited.**

**Non-Ontario Students:** Register as a part-time student at LU, pay appropriate tuition fees, and request that your marks be sent to your home university. Contact the Graduate School at your home university and ask them to send a Letter of Permission (LOP) to LU. If you have any problems, contact Linda Weber [lweber@laurentian.ca](mailto:lweber@laurentian.ca).

**Non-Student Participants:** Contact Roxane Mehes [rmehes@laurentian.ca](mailto:rmehes@laurentian.ca).

In order to be able send you information and to provide you with access to the course file server, we need a **valid e-mail address**. Please make sure that you provide one when you register.

**2) Travel Information**

Sudbury is served by *Air Canada* [www.aircanada.ca](http://www.aircanada.ca), *Bearskin* [www.bearskinairlines.ca](http://www.bearskinairlines.ca), *Porter* [www.flyporter.ca](http://www.flyporter.ca), and *Westjet* [www.westjet.com](http://www.westjet.com) airlines. Bus service is provided by *Greyhound* [www.greyhound.ca](http://www.greyhound.ca) and Ontario Northland [www.ontarionorthland.ca](http://www.ontarionorthland.ca) from Ottawa (~7-8 hrs) and Toronto (~5 hrs).

The Sudbury Airport is ~45 minutes outside town and hotels do not provide shuttle services. Taxis cost ~\$69 and shuttles cost ~\$51 (not including tip) one-way. You can reserve a taxi by contacting Sudbury Cab at Tel: (705) 626-7968 or Email: [info@sudburycab.ca](mailto:info@sudburycab.ca). Additional information regarding flight schedules, parking, taxis, shuttles, and car rental agencies are listed on the Greater Sudbury Airport website: <http://www.flysudbury.ca>

**3) Accommodation**

Participants must arrange their own accommodation. The following hotels are closest to LU (see attached map), but there are many other hotels in Sudbury that can be found on hotel booking sites:

**Travelway Inn**, 1200 Paris Street (corner of Paris Street and Ramsey Lake Road), Tel: +1 (705) 522-1122 (local or overseas) or (800) 461-4883 (within Canada), Fax: +1 (705) 522-3877, E-mail: Web: [www.travelwayinnsudbury.com/](http://www.travelwayinnsudbury.com/). ~1.5 km from LU via walking path along Ramsey Lake Road. Fairly basic hot breakfast bar. Across the street from Science North, which has a boardwalk along Ramsey Lake that extends to Bell Park.

**Travelodge**, 1401 Paris Street (corner of Paris and Walford Streets), Tel: +1 (705) 522-1100 or +1 (800) 578-7878, Fax: +1 (705) 522-1668, Web: [www.travelodge.com/](http://www.travelodge.com/). ~2 km from LU via Paris Street and same walking path. Adjacent restaurant (Perkins chain). Indoor pool.

**Holiday Inn Hotel**, 1696 Regent Street (between Walford and Paris Streets), Tel: +1 (877) 863-4780, Web: [www.holidayinn.com](http://www.holidayinn.com). 1.5 km further from LU than the Travelway or Travelodge. Has both a coffee shop and a nice restaurant. Close to grocery stores, convenience stores, pubs, banks, pharmacies, and several small shopping malls.

**Super 8 Motel**, 1956 Regent Street (~3.5 km from LU, between Holiday Inn and Comfort Inn/Hampton Inn), Tel: (705) 522-7600, Fax: (705) 522-7648, Web: [www.staynorth.com](http://www.staynorth.com). Basic inexpensive accommodation. No restaurant.

**Comfort Inn South End**, 2171 Regent Street South (near the Hampton Inn, ~4 km from LU), Tel: +1 (800) 228-5150 or +1 (705) 522-1101, Fax: (705) 522-2687, Web: [www.comfortinnsudbury.com/sudbury/Regent/](http://www.comfortinnsudbury.com/sudbury/Regent/). Only fast food restaurants and a Shoeless Joe's sports bar nearby, but recently renovated.

**Hampton Inn**, 2280 Regent Street ("Four Corners" area, ~4 km from LU), Tel: el: +1 (705) 523-5200 Fax: +1 (705) 523-5209, Web: [www.hamptoninn.hilton.com](http://www.hamptoninn.hilton.com). Next to Lo Ellen High School. Fairly new. Extended continental breakfast included. 30-45 minute walk to LU via Loaches Road, LU fire access road, and a walking path (see attached map).

#### 4) Venues

You can view/download a campus map at <https://laurentian.ca/campus-maps>

Lectures will be held in the **Executive Learning Centre** (Room FA-386) on the 3<sup>rd</sup> floor of the **Fraser Auditorium Building** (Building 4 on campus map).

Labs will be held in the **James Davies Economic Geology Laboratory** (Room B5017) on the 5<sup>th</sup> floor of the **Willet Green Miller Centre** (Building 2 on campus map).

Lectures begin promptly at **0900** (Eastern Time) and end by **1700**.

**Webcast Option:** If you are not enrolled for academic credit and wish to participate remotely, read the guidelines below and advise Prof Leshner [mlesher@laurentian.ca](mailto:mlesher@laurentian.ca) and Mrs Mehes [rmehes@laurentian.ca](mailto:rmehes@laurentian.ca) when you register.

#### 5) Parking

**Lot A** (SE corner of Main Lot in front of Fraser Science Building, SE corner of Main Parking Lot P1) is normally Pay-and-Display (\$8/day - \$1 coins, \$2 coins, or credit card), but **free during exams and therefore payable only 08 April**. Drive up University Drive past the WGMC, turn left at next road, just before Main Library (Building 8 on campus map), turn left into Lot A before the stop sign.

**Lot E** (across from Arts Building) is normally Pay-and-Display (\$8/day - \$1 coins, \$2 coins, or credit card), but **free during exams and therefore payable only 08 April**. Drive up University Drive past WGMC and Main Library, road will curve left, drive past Lot 4 (not available to visitors) to Lot E.

Other Pay-and-Display lots will also be free during exams, but do not park in any of the other lots (e.g., WGMC, P1) or you will be towed.

#### 6) Computer Software

Laboratory exercises will be submitted by e-mail as **Microsoft Excel®** and **Word®** documents, so participants **must bring a laptop computer with these programs installed** and must know how to use them.

#### 7) Course Notes

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

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

#### 8) ownCloud Document Management System

Course notes and lab exercises will be distributed on ownCloud, a file sharing system similar to DropBox.

If you have registered and have sent us your e-mail address, your account will be set up 1-2 days before the course begins.

**Desktop Client:** Go to [ownCloud.org](http://ownCloud.org), click on Download, and scroll down to the desktop client for your operating system (MacOS/Windows/Linux), and download it. Run the ownCloud installer and install the client on your hard drive in the Applications folder (default) or anywhere else you wish.

**Initial Login:** Open the ownCloud client and enter [mercfiles.laurentian.ca/owncloud](http://mercfiles.laurentian.ca/owncloud) as the domain, type in your username (firstinitiallastname), and “magnetic” as the initial password. Select “Sync with GEOL 5606”.

You will see folders for Course Notes, Lab Exercises, and Syllabus/Schedule/Logistics. Lecture notes will be uploaded 1-2 days before the lectures; lab exercises immediately before the lab. Download course notes the night before, rather than waiting until right before the lecture.

## 9) Zoom® Remote Connection Guidelines

- 1) **Plugin:** Zoom® is a cloud-based system. Several days before the course begins, the System Administrator will send you an invitation with information on how to connect.
- 2) **Data Requirements:** Videoconferencing will use ~450 MB per hour, so being on line for all of the lectures and labs (but disconnecting during breaks) for 11 days will use ~30 GB of data. Make sure that you are not using a system that has limitations on - or prohibitory extra costs for - the data you will use.
- 3) **Connection:** Use an Ethernet cable – wireless connections are normally 10x slower. Also connect as close as you can to optical fibre, which is much faster than cable. Fibre will ideally come directly into your office floor or house/apartment, but it might extend only to a switch down the street or in the basement of your building and come the rest of the way by cable or twisted pair wiring, both of which are subject to bandwidth attenuations as additional customers share the connection.
- 4) **Headsets:** Use headsets or at least earphones whenever connecting from a computer or mobile device or the sound from the computer speakers will bounce back and forth between you and the server. Recommended headsets include the Sennheiser SC60 (other Sennheiser headsets also good), Jabra UC Voice 750 duo (slightly hissy), Plantronics DSP400 (good sound, but somewhat uncomfortable), Logitech B530, or Microsoft LX-3000
- 5) **Microphone:** Mute your microphone when not speaking to eliminate background noise (typing, paper shuffling).
- 6) **Video:** Turn off your video camera if you are not receiving a good image and sound, as it will reduce bandwidth.
- 7) **Monitors:** A very large monitor, two monitors, or an iPad and a computer will be useful during the labs so that you can view the course notes at the same time you are working in Excel or Word.

## 10) Coffee Breaks and Lunches

Food and drinks are permitted in the ELC, but we must keep the area meticulously clean and make certain that we do not spill any coffee or soft drinks.

Coffee and food are available for purchase in the following locations. Opening hours are posted on <http://www.dineoncampus.ca/Laurentian/menus/locations> (note that the Kiosk in the Fraser Auditorium Foyer and the Alumni Hall Cafeteria are not open during the exam period).

### Coffee

- **Tim Hortons**, North End of Arts Building – coffee, muffins, bagels, and sandwiches
- **Starbucks**, Lower Lobby, Desmarais Library – coffee and muffins

### Lunch

- **University Club**, 2nd Floor, Fraser Auditorium Building
- **Great Hall**, South End of Arts Building – all-you-can-eat marché style
- **Topper’s Pizza**, Great Hall – local pizza company
- **Subway**, Great Hall Foyer – submarine sandwiches

Most hotels/restaurants will prepare bag lunches if ordered with breakfast.

## 11) Field Trip (Weather Permitting)

The following personal protective equipment is required:

- 1) steel-toed boots (metatarsal guards preferred but not required)
- 2) gloves
- 3) high visibility vest with reflective stripes (we should be able to provide these)
- 4) hard hat (we should be able to provide these)
- 5) safety glasses (we should be able to provide these)

There will be a fair amount of walking over uneven terrain, so please contact me if you have any reservations. We will need volunteers with 5-passenger vehicles to drive.

## Laurentian University Area Map

