

GEOL 210: Introduction to Geologic Field Methods

Equipment List

Geology gear

- A 10x hand lens and lanyard;
We recommend the BELOMO Triplet, available from Geo-Tools (<http://www.geotools.com/lens.htm>) with the lanyard on the same page
- A rock hammer;
We recommend the 22 oz. Estwing rock pick, also available from Geo-Tools (<http://www.geotools.com/pick22.htm>)

Required gear

- **Hiking boots:** We're not kidding – tennis shoes are not sufficient.
- **Socks:** wool socks work best to prevent blisters
- **Field pants (or shorts, if you insist):** must have belt loops
- **Belt:** for Brunton compass cases and rock hammer holster
- **Field Shirts:** light-weight, short- or long-sleeved dress shirts work well; the high collar helps for sun protection
- **Hat:** this is not just a suggestion! Hats with wide brims work best. String around chin works well for windy days. Baseball caps are a weak substitute.
- **Water Bottles:** 4 one-quart durable bottles or a large CamelBak. Everybody needs at least 4 quarts of water each day in the field. Hard plastic or metal bottles work well.
- **Lunch Container:** a Tupperware that can fit your sandwich(es) & snacks for the day
- **Warm layers, including hat and gloves:** We will spend several nights at high altitude.
- **Lightweight rain jacket:** weather changes are occasionally sudden
- **Sunscreen and lip stuff:** A lot, at least 30 spf.
- **Sunglasses:** for safety and sun protection
- **Watch:** You are responsible for meeting the group on time
- **Backpack:** A day pack big enough to hold your water bottles, lunch, extra layers, etc.
- **Sleeping bag and pillow:** WMRS provides sheets and towels, but not these
- **Flash drive:** for transferring files
- **Quarters for laundry:** There are laundry facilities at the research station; it is \$1 each for the washer and dryer.

Strongly suggested gear:

- Calculator
- Camera
- Gaiters (for lower leg protection)
- Hammer holster
- Alarm clock
- Small Tupperware container or bag for drafting supplies
- Pocket knife
- Bandanna
- Hand Lotion
- Simple First Aid Kit, with Band-Aids and antibiotic ointment
- Mosquito Repellent
- Headlamp or other flashlight
- Tent and sleeping pad for camping on the way down and back
- Towel for showers/camping at Goose Lake – towels are provided at the field station
- Sandals and/or other shoes for après field.

We will provide

- Drafting kit, map board, and course packet (yours to keep)
- Brunton compass and plate (yours to borrow)