

GEOL 210: Introduction to Geologic Field Methods

Equipment List

Gear for the field

- **Hiking boots:** Boots with some ankle support and good tread for traversing rough terrain
- **Socks:** Even though the weather is hot, wool socks work best to prevent blisters
- **Field pants:** 2 pairs of pants that can handle sitting on rough rocks, pockets and belt loops are handy
- **Belt:** Not just for holding up your pants! For Brunton compass cases and rock hammer holster
- **Field shirts:** 2-4 light-weight long-sleeved shirts work well; a high collar helps for sun protection
- **Wide-brimmed hat:** The sun is very intense and we will be out in it all day—ear and neck coverage are important for comfort. Baseball caps are a weak substitute.
- **Water bottles:** 4 durable 1-quart bottles or a large CamelBak. Everybody needs at least 4 quarts of water each day in the field. Hard plastic is better than metal because it's lighter. *No glass.*
- **Lunch container:** a plastic Tupperware that can fit your sandwich(es) & snacks for the day
- **Lightweight rain jacket:** Weather changes are occasionally sudden
- **Sunscreen and lip stuff:** A lot, at least SPF 30
- **Sunglasses:** for safety and sun protection
- **Timepiece (this can be your phone):** You are responsible for meeting the group on time
- **Backpack:** A day pack big enough to hold your water bottles, lunch, extra layers, etc.

Clothes and gear for out of the field

- **Clothes for out of the field:** Casual, comfortable clothing—shorts, jeans, t-shirts, sandals, etc.
- **Swimsuit:** For swimming in the river if you are interested in that (not required)
- **Warm layers, including hat and gloves:** We will spend some time at higher altitudes, including 2 nights at 10,000 ft and the mornings and evenings can get near freezing
- **Toiletries and medications:** Whatever you need for two weeks with minimal store access. Hand lotion is recommended even if you don't usually use it. Women, bring pads or tampons or alternatives, even if you don't expect to get your period.
- **Bath towel, hand towel, washcloth:** There are showers and bathrooms at WMRC and we provide our own towels
- **Sleeping bag, sheet, and pillow:** There are twin beds in the dorms and you bring your own bedding.
- **USB flash drive:** For transferring files
- **TBD if quarters are needed for laundry:** The research station expects to install laundry facilities before we arrive. Look for an update about this in your email before packing.

Strongly suggested gear:

- If not on your phone: Alarm clock, camera, calculator
- Gaiters (for lower leg protection)
- Hammer holster
- Bandanna
- Simple First Aid kit, with Band-Aids and antibiotic ointment
- Mosquito repellent
- Headlamp or other flashlight
- Ear plugs for dorm sleeping (if you are a light sleeper)
- Tent and sleeping pad for camping on the way down and back. OK to share tents with classmates.

We will provide:

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