

What to bring with you to IUGFS

Clothes appropriate for field work in a wide range of weather conditions (during our stay in Montana, temperatures can range from below freezing to 100°F (37.8°C))

- T-shirts, long sleeved shirts, and a sweater or sweatshirt for dressing in layers (We typically work 6-day or 7-day weeks. We have several free washing machines, but you have to share them with about 60 other people so plan accordingly.)
- Field pants (at least three pairs of sturdy long pants are strongly recommended)
- Hiking boots (two pairs recommended) – we will be hiking about 10 miles plus climbing up/down an average of 1,500' vertical relief each day. Some areas have abundant prickly pear cactus. Please be sure to break-in your boots before you arrive.
- Multiple pairs of socks. (You might consider slightly thicker hiking socks during the day.)
- Light weight "scree" gaiters (optional, but highly recommended because many of the grasses will be in seed and get stuck in your boot laces and socks)
- A wide-brimmed sun/rain hat
- Rain jacket
- Rain pants, easy to put on and take off (optional, but recommended)
- Light weight jacket
- Warm hat or cap and gloves (We have had snow at IUGFS in July!)
- Casual clothing for around camp
- Bathing suit (optional, for swimming in the South Boulder River)
- Water shoes (Teva or Keen sandals, old tennis shoes, etc.; highly recommended for everybody, required for the environmental concentration)
- Flip flops or shower shoes (optional, but highly recommended)

Equipment and Field Supplies (*estimated costs noted; if you have any questions, please ask us!*). We do not endorse any particular vendor, but some possibilities include your local hardware store, Amazon, Ebay, CGS Mule, ASC Scientific, Ward's Science, Forestry Suppliers, and OIH designs.)

- A belt to hold your field gear (hammer, compass, notebook pouch). It could be one that will fit through your belt loops or a separate one for your gear (\$5-25)
- Geologic hammer (best options are a 24-30 oz pointed or chisel tip hammer typically \$35-45) ideally with a belt holster (\$10-50)
- Safety glasses and/or shatter-proof sunglasses (\$5-100)
- Hand lens (10x is recommended) on a lanyard (\$10-50)
- Personal first aid kit (you can resupply it from the first aid kits in the Lodge and Classroom buildings) (\$10-50)
- Your favorite blister prevention and treatment (*e.g.* mole skin, glacier gel, second skin) (\$10)
- Water bottles (you will need at least three liters of water in the field most days) (\$5-25)
- Daypack (\$30-\$100) large enough to hold:
 - 3-5 liters of H₂O
 - lunch
 - first aid kit
 - rain gear
 - extra clothing/socks
 - geology field gear
- Watch (pocket or wrist, not your phone) (\$10-50)
- Pocketknife (\$10-50)
- At least six mechanical pencils (0.5 mm recommended) (\$10)
- Pens (black, blue, green and red; razor or ultra-fine line are recommended) (\$20)
- Erasable colored pencils (at least 24 colors) (\$15)
- Eraser(s) (\$5)

- 6-inch ruler and a small protractor (can be a single unit or two separate items). We find the transparent engineers' rulers with subdivisions in both cm and inches (divided into tenths) to be particularly useful. (\$5)
- We will supply you with two steno notebooks and have extras available to purchase at cost. However, if you want to use your favorite field notebook, please **bring at least four** (due to turn-around time for grading).
- Notebook case or field pouch (\$20-50)
- Calculator (or use an app on your phone)
- Laptop computer (recommended, but optional)
- When mapping, we will be using paired topographic maps and satellite images that will be printed on tabloid (11x17) sized pages. We will supply you with a letter-sized clipboard so that you can fold your maps and images. Although it will work, this arrangement can be a bit awkward because you can't see both the map and image at the same time. What many people prefer are hinged clipboards where you can tape the image to the inside of the cover or plexiglass mapboards (either professionally made (\$20-60) or homemade (\$10-20))– see link below for plans if you want to make your own: https://localwiki.org/davis/UC_Davis_Geology_Department/map_board

We will have limited shopping opportunities during the course, so you should plan to bring what you need. We will have some standard field and office supplies available for purchase at cost and you can get UPS or FedEx deliveries: *c/o Judson Mead Geologic Field Station, 633 South Boulder Rd. Cardwell MT 59721*

Personal Items

- Sleeping bag (optional, but highly recommended; required if you are taking the structural geology or sedimentary geology concentrations). Dorms are not heated. The nights can get down to 30°F (-16°C) and we will be asking you to keep the windows open as much as possible for clean air ventilation. If you choose not to bring a sleeping bag, please bring a good blanket.
- Sheets for a long twin bed (or sleeping bag liners)
- Pillow(s)
- Towels and wash cloths
- Personal health and hygiene supplies (soap, shampoo, washcloth, toothbrush and toothpaste, comb/brush, nail clippers, tweezers, sunscreen, any over the counter medications, and anything else you might need). For those who are flying, we can stop at a store on the way to the field station.
- Other personal grooming items
- An adequate supply of any prescription medications to last for the full duration of your course (five or six weeks)
- Sunscreen and bug spray
- Plastic container for your lunch sandwiches, etc.

We have free, unlimited use washing machines, driers, and clothes lines. We will also supply clothes washing soap pods.

Miscellaneous Items

- Small tent for weekend camping (optional, but highly recommended for structural geology and sedimentary geology concentrations)
- If you want to bring your favorite candy, junk food, etc., please also bring a hard, air-tight container to keep it in. One larger communal container is supplied in each dorm. We have a lot of wildlife around IUGFS, large and small.
- Alarm clock (battery operated)
- Deck of cards, musical instrument, Frisbee, etc. (optional)
- Small padlock (optional)