

EQUIPMENT REQUIRED/RECOMMENDED FOR SUMMER FIELD GEOLOGY

PROVIDED BY SES IN UTAH

- Brunton compass
- Field notebook case (for your belt)
- Clipboard
- Stereoscope (for aerial photographs)
- Acid bottle
- Basic first aid kit (band aids, antiseptic cream, aspirin etc.)

MUST PURCHASE FROM SES IN UTAH

- Field notebook (~\$9) (Must be 5 x 7½; 1 page 10 x 10 square grid)
- Engineers scale (6" Flat; divisions 10, 20, 30, 50 inch) (~\$6.50)
- Sand gauge (~\$14.00)

FIELD – MUST BRING WITH YOU

- Hammer*
- Hand lens (x10)*
- Pencils: 2H, 4H, HB, H *
- Protractor (at least 6" diameter)
- Pencil sharpener (sandpaper block or sandpaper nail files)
- Pocket calculator (inexpensive type)
- Marker pen (if you plan on collecting samples)
- Eraser (nonabrasive)
- Pocket knife*
- Hammer holster* for belt is useful (snap to hold hammer helpful)
- Equipment belt (make sure buckle is non-magnetic)
- Pack* (small) for samples and equipment, food and water bottles
- Water bottle, or flexible plastic pop bottle (2 quart), or Camelbak or similar hydration system (Consider insulated cover to keep it cool)
- Tupperware container for food in the field
- Inexpensive watch
- Sunblock (15 or greater protection)
- Lip salve
- Sunglasses* (w/o color distortion)

OPTIONAL

- Binoculars
- Camera

FIELD CLOTHING

- Boots*: one new pair or two used pairs. Composition soles preferred, Vibram best.
- Broad-brimmed hat*
- Work shirts and long pants* (not all shirts should be short sleeved)
- Jacket or windbreaker*
- Sweatshirt/fleece jacket for cool weather in the mountains
- Raincoat* or poncho (lightweight)
- Wool, poly or cotton work socks* (clean pair each day is recommended)

OFFICE

- Pencils: similar to those for field; one and a spare of each should suffice
 - Colored pencils (set of 12 is a minimum, 18 is better)
 - Pigma Micron drawing pens*: 1 x 01, 02; 2 x 005)
 - Drafting tape* (removable; can be shared)
 - Graph paper*: 1" grid, 0.1" subdivisions; blue line (Fade-out grid and normal grid)
 - Triangles with raised edges*
 - Small pencil sharpener
 - Paper: one pad of lined and one of unlined paper
 - White out pens*
 - 12" ruler
 - Drawing Board*: a simple 18" by 24" piece of masonite (fiberboard) to work on projects (we have some in Utah)
- No textbook: field course manual provided*

HOUSEHOLD

- Sheets and pillowcases (laundry facilities are in the apartment complex, so it is easy to do)
- Pillow
- Flashlight (for overnight field trips)
- Towels
- Sleeping bag*, sleeping pad or air mattress, plus tent* for field trips (tents can be shared)
- Alarm clock*
- Blanket (one will suffice in Ephraim, or your sleeping bag can be used as a cover)
- Desk lamp
- Mess kit and utensils (for overnight camping and weekends at the apartments)

DENOTES REQUIRED PURCHASE BEFORE ARRIVING IN UTAH

GOOD CLOTHES

Life in Ephraim is informal, and clothing needs are moderate. Sport clothing is suitable for off-duty and weekend days. You may wish to bring things for swimming, volleyball, tennis, or softball.

WARNING!

Ephraim is a small town. The supermarket and WalMart stores are open in the evenings, but we normally leave for the field before other shops open and return after they close.