## GEOL 295: Introduction to Geologic Field Methods

### Equipment List

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>Sleeping bag</strong></td>
<td>The White Mountain Research Station provides linens and pillows, but no blankets.</td>
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<tr>
<td><strong>Boots</strong></td>
<td>Must be broken in. Sturdy enough for walking on uneven ground without trails.</td>
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<tr>
<td><strong>Socks</strong></td>
<td>Athletic white socks beneath thicker hiking socks work well to prevent blisters.</td>
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<tr>
<td><strong>Shorts/Pants</strong></td>
<td>Must have belt loops! Baggy or loose-fitting makes life easier.</td>
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<tr>
<td><strong>Belt</strong></td>
<td>Needed to support Brunton compass cases and possible rock hammer holster.</td>
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<tr>
<td><strong>Field Shirts</strong></td>
<td>Old, short-sleeved dress shirts work great. Need high collar (for sun protection) and breast pocket for stereoscopes, etc.</td>
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<tr>
<td><strong>Hat</strong></td>
<td>Not just a suggestion! Hats with wide brims all around work best. String around chin works well for windy days. Baseball caps are a weak substitute here.</td>
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<tr>
<td><strong>Map Board</strong></td>
<td>8 1/2&quot; x 11&quot; or larger. Two 11&quot; x 14&quot; pieces of 1/8&quot; acrylic works well (pieces look like sheets of glass). Duct tape the two pieces together along one of the 11&quot; edges.</td>
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Backpack

A 'day pack' big enough to hold:

**Pens/Pencils**
- Notes in field notebook and general drafting.

**Rock Hammer**
- $30 Estwing hammers. At least 12” in length.

**Hand Lens**
- $35. Bausch & Lomb best. 10X magnification.

**Water Bottles**
- Everybody needs up to 4 quarts of water each day in the field. Hard plastic bottles best since most students freeze their bottles each night. Camelbacks are very good.

**Lunch Container**
- 8” x 8” x 2” Tupperware bin. I use plastic bags.

**Rain Gear**
- You never know......

**Warm Clothes**
- It will be fall and we will be working in at least one high elevation area. Weather changes are occasionally sudden.

**Sunscreen**
- Application to all exposed areas of the body is standard practice at the beginning of each day. Higher than SPF 15 rating.

**Lip Stuff**
- Even folks who have never used this stuff before rely on it in this very dry country.

**Watch**
- It’s important for all group members to meet at the vans at designated times.
Strongly Suggested Gear:

- Warm Clothes and Rain Coat
- Hammer Holster
- Alarm Clock
- Camera
- Swimsuit
- Water Sandals
- Small Tupperware container for drafting supplies
- Sunglasses
- Pocket Knife
- Gaiters (for lower leg protection)
- Bandanna
- Hand Lotion
- First Aid Kit
- Pocket Calculator
- Mosquito Repellant
- Stamps for Postcards

OSU Geosciences provides:

- Brunton Compasses
- Protractors
- Field book
- Pencils, pens, colored pencils
- Paper (graph and plain)
- HCl Acid
- Mylar
- Scotch & Masking Tape
- White Out
- Duct Tape
- Paper Clips
- Encouragement