WILL I REALLY NEED ALL THIS STUFF?
You MUST bring all of the REQUIRED items on the following page in order to be adequately prepared for a fun and safe FOP experience. In addition to the required gear, we list optional items. If you already own these, feel free to bring them. However, it is not necessary to go out and buy them. If you show up without required items or with inadequate equipment, you will have to purchase these items in Boston. You will be asked to purchase any extra items not listed in Cambridge (including deodorant, jeans, extra underwear, and cell phones).

HIKING BOOTS
Your feet are your wheels. If they aren’t comfortable and well protected, you won’t be either. You need boots that are comfortable and tough! Your boots must cover your ankles to provide adequate ankle support. Hiking shoes such as the low or mid-top shoes made by Nike, Adidas, etc. are unacceptable. Some good boots are made by One Sport, Vasque, Merrell, Scarpa, and Asolo.

Many of us swear by the traditional heavy leather hiking boots which give the best ankle support and foot-protection from rough terrain and the elements. Others prefer lightweight hiking boots, made of a combination of nylon and leather. They break in much more easily than leather boots and are often cheaper. While adequate for the backpacking we do, they provide less ankle support than sturdy leather boots and tend to be less waterproof.

Make sure that you try on your boots with beefy socks, and that you still have adequate toe room. Also, waterproof them well, even if they have Gore-Tex. Nikwax, Biwell and Sno-Seal are examples of good waterproofing treatments.

Whatever boots you choose, you must break them in! Otherwise, your feet will hurt. A lot. Laziness in breaking in boots can potentially ruin your FOP experience. We would like to encourage you to purchase your own set of boots and to break them in over the course of the summer. Purchasing your own boots and wearing them in the frontcountry helps the boots mold to your foot, which ultimately prevents blisters and discomfort in the backcountry. Also, the boots that work for FOP trips are great for wearing around Harvard on rainy and snowy days, so you may be making a purchase that you will use for the next four years! That being said, we know that not everyone needs a pair of hiking boots for their time at Harvard. Our program has a significant supply of excellent hiking boots to offer to our participants.

FABRICS
Wool and synthetic fabrics which have a variety of names, such as fleece, polar-fleece, Synchilla, Primaloft, Thermaloft, Capilene, or Bergelon will keep you warm even when wet. Check tags on these fabrics; some fleece-like items can be cotton blends. When cotton gets wet, it loses its ability to trap heat and becomes useless as an insulating layer. Cotton is only acceptable in your t-shirt(s), though many prefer synthetic (“wicking”) t-shirts. Fabrics like fleece, rayon, acrylic, polyester, polypropylene, and wool retain their insulating ability when wet. There is no need to buy expensive fleece sweaters/jackets. Cheaper and acceptable fleece or wool options can be found at stores such as Target, Old Navy, clearance racks at outdoors stores, or second-hand/thrift stores. Just be sure that whatever you bring is 100% synthetic or wool.

Socks, like your other layers, must be made out of 100% wool or synthetics. Cotton blends will leave you cold and unhappy. If you don’t know exactly what your socks are made of, please buy wool socks.

RAINGEAR
It needs to keep water out, so it must be waterproof, not water-resistant. Adequate rain gear ranges from less expensive coated nylon (as long as the coating is fresh) jackets and pants to such fabrics as Gore-Tex, Hyvent, and SystemIII. These jackets must have hoods to keep your head dry. For rain bottoms, full-length side zips are a nice feature but not required.

Unacceptable raingear includes warm-up jackets, wind-breakers, plain nylon or supplex jackets, or ponchos. Any jackets or pants that have a non-polyester lining are also unacceptable.

Raingear doesn’t need to be expensive, but it needs to be waterproof or you will be unsafe in the field. A good test is to wear your raingear in the shower. If you have any questions about raingear you are buying just give us a call and ask.

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**But where do I get it all?**

FOP does not have to be unduly expensive. Flashy, name-brand gear is nice, but it is costly and not necessary. Mt. Everest was climbed before Synchilla and Gore-Tex were invented, so they are not necessary for FOP! Cheap alternatives include: borrowing from your buddies, using wool instead of fleece, and shopping at thrift stores. Again, please contact Summer Staff for ideas on how to get all the necessary gear on a budget.

**Mail order and retail stores:**

- **Recreation Equipment Inc. (REI)**
  - www.rei.com
  - www.rei-outlet.com

- **Joe Jones Wilderness House:**
  - www.joejonessports.com

- **Northern Mountain Supply**
  - www.killerdeals.com

- **L.L. Bean**
  - www.llbean.com

- **Eastern Mountain Sports (EMS):**
  - www.ems.com

- **Backcountry.com**
  - www.backcountry.com
  - www.backcountryoutlet.com

- **Sierra Trading Post:**
  - www.sierratradingpost.com

- **Campmor**
  - www.campmor.com

**FOP Gear Rental**

In recent years, parents, leaders, and friends have donated funds and gear to FOP. Through their generosity, we are able to provide loaner gear to FOP participants. We charge a small rental fee to cover cleaning, repair, and replacement. Below is the gear we have to offer, on an as-needed basis.

Below is a list of available gear and prices for gear rental:

<table>
<thead>
<tr>
<th>Item</th>
<th>Rental Fee</th>
<th>Item</th>
<th>Rental Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sleeping Bag</td>
<td>$10</td>
<td>Boots*</td>
<td>$10</td>
</tr>
<tr>
<td>Backpack</td>
<td>$10</td>
<td>Fleece Jackets:</td>
<td>$5</td>
</tr>
<tr>
<td>Rain Jacket</td>
<td>$5</td>
<td>Polypro Long Underwear Tops:</td>
<td>$5</td>
</tr>
<tr>
<td>Rain pants</td>
<td>$5</td>
<td>Polypro Long Underwear Bottoms:</td>
<td>$5</td>
</tr>
<tr>
<td>Sleeping Pad</td>
<td>$5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* We encourage you to buy your own boots and to break them in over the summer. Information about boots is on our website ([www.harvardfop.com](http://www.harvardfop.com)). Buying your own boots and wearing them at home helps the boots mold to your foot, which prevents blisters and discomfort in the backcountry. FOP boots are great for wearing around Harvard in rain and snow, so you may use your boots for the next four years! That being said, we know that not everyone needs a pair of hiking boots at Harvard. FOP has a supply of excellent boots, and if you would like a pair, you may rent them from us.

FOP unfortunately has a limited supply of gear. Though we work hard to provide gear for all those who need it and typically meet that demand, we may run out of certain items. We therefore cannot guarantee the availability of rental items. Please contact us as soon as possible if you are interested in renting gear from FOP – we want to work with you to meet all your gear needs. We were able to supply some form of gear to 81% of our participants last fall! If there are items not on this list that you need to rent, please contact us and we will work with you to get you prepared. Happy hunting!

On the next page, you will find a list of the clothing and equipment you will need for your trip. In each section, we have listed the **REQUIRED** gear first. We also list optional items. If you already own these, feel free to bring them. However, it is not necessary to go out and buy these items. If you are placed on a switch trip or a Service Trip (we’ll notify you by July 31*), bring all of the items required on the list **PLUS** the required items for those specific trips, listed in a separate section at the end.

If you have **ANY** questions, no matter how complicated or simple, do not hesitate to call, email, or send us questions in cookie-form. Our website ([www.harvardfop.com](http://www.harvardfop.com)) is also a wonderful resource, complete with pictures, detailed explanations of gear, and how to shop effectively and find bargains.
### Footwear

*Required (you can borrow boots from FOP):*
- 3–4 pairs of heavy wool socks (the beefier the better, but must fit boots well)
- 1 pair of sturdy leather or part leather hiking boots—waterproofed (see boot section above)
- 1 pair of light, comfortable shoes for camp (tennis or running shoes or Crocs WITHOUT HOLES are great; river shoes, TEVA’s, and other sandals are absolutely NOT allowed.)

*Optional:*
- polypropylene or silk liner socks

### UPPER BODY

*Required (you can borrow long underwear, raincoats, and some fleece and wool items from FOP):*
You must have a minimum of 4 long-sleeve layers that can all be worn at the same time!
- 1-2 t-shirts-- cotton is OK, but some people prefer cool-max or other synthetic
- 1-2 mid-weight polypropylene long underwear tops *(NO COTTON BLENDS!)*
- 2-3 wool, fleece, or synthetic sweaters or shirts
- 1 heavy wool, fleece, or synthetic jacket
- 1 WATERPROOF raincoat (see pg. 1). Must be large enough to fit over all of your other layers.

**Ponchos are not acceptable!**
- 1 thick wool or fleece hat that must cover your ears (i.e. not a baseball hat)
- 1 pair of wool, synthetic, or fleece mittens or gloves (thick ski gloves are okay but not ideal)
- 2 non-cotton sports bras, if applicable

*Optional:*
- 1 pair of thin polypropylene or silk liner gloves
- 1 wool or fleece neck gaiter (scarves are OK too)
- 1 wool, synthetic, or fleece vest (this is in addition to the above required items)
- 1 pair of waterproof mitten shells

### LOWER BODY

*Required (you can borrow long underwear, rain pants, and fleece from FOP):*
- 1 pair of mid-weight polypropylene long underwear bottoms *(NO COTTON!!)*
- 1 pair of comfortable, quick-drying shorts
- 1 pair of fleece or wool long pants
- 1 pair of rain pants -- (see section on page 1)
- 2 pairs of non-cotton underwear. Synthetic or silk both work.

*Optional:*
- A small backpack or daypack

### SWITCH-CANOE

*Required:*
- Extra pair of shoes to get wet (In addition to your boots and camp shoes. Must meet camp shoe requirements.)
- Hat with brim
- Bug head net to cover your face

*Optional:*
- Bathing suit
- Pack towel

### SWITCH-SERVICE

*Optional:*
- Hat with brim
- Bug head net to cover your face
- A small backpack or daypack
FEMININE HYGIENE
Dealing with your period in the woods may sound like a bummer, but it doesn't have to be. Even if you are not expecting to get your period during the trip, bring adequate supplies anyway. The change in diet, the strenuous exercise, and spending a lot of time with other women can all affect your cycle. This is even true if you are on the pill. Your leaders will not have extra supplies, nor will you have access to a store, so come equipped! Here are a few suggestions for making yourself as comfortable and prepared as possible:

BACKCOUNTRY PERIOD KIT
You will need:
- 1 small, dark colored, opaque bag or stuff sack
- 3 small Ziplock bags
- 1 travel pack of baby wipes (for cleaning purposes)
- a generous supply of tampons (tampons are much easier to deal with than pads, but if you have to use pads, go ahead). Tampons without an applicator (like OB) are ideal because they produce the least waste & take up the least space in your pack.

Directions:
1. Take the tampons (or pads) out of the box and put them all into one Ziplock bag to protect them from the rain.
2. Put the travel pack of baby wipes inside a second Ziplock bag to ensure they stay moist
3. Keep the third Ziplock bag empty to use as a mini-garbage for used supplies. All dirty baby wipes, used tampons, and tampon wrappers should go into the garbage Ziplock. If you are concerned about odor, you can put a used tea bag in the garbage Ziplock.
4. Put all of these items inside the opaque bag. Voila: you have a self-contained period kit! On the trail, you should keep this in an accessible part of your pack.

Another consideration for female FOPpers is whether or not to bring a “pee rag.” Since we do not use toilet paper on FOP, many female FOPpers and leaders choose to bring a bandana to use as a pee rag as opposed to “drip drying.” This choice is up to you. If you are well hydrated (as you should be), the pee rag will not have much odor at all, and many FOPpers appreciate having the option!

EYE CARE
Wearing contact lenses on FOP may seem daunting, but it doesn't have to be. You will not have access to running water on FOP, but FOP does carry biodegradable soap. Do NOT use instant hand sanitizer to clean your hands prior to putting your contact in while on the trip. If you get the sanitizer in your eyes, it hurts! If you wear contact lenses, bring an extra pair of contacts AND your glasses as well as plenty of solution for cleaning your contact lenses.