

## Week-Long Combo

You must bring one blank copy of this gear list for use at gear-check.

*Feel free to print an additional copy for your personal use in preparing & packing for WMS.*

See the WMS Student Handbook for a detailed discussion of gear requirements and suggestions.

|               |              |
|---------------|--------------|
| Student Name: | Team:        |
|               | Instructors: |

### Traction Check

Crampons

Snowshoes

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| Checked By:                           | Checked By:                           |
| Comments:                             | Comments:                             |
| Sign-Off (only if passed inspection): | Sign-Off (only if passed inspection): |

### General Gear Check

Performed By:

Note all gear issues requiring resolution:

Instructor sign-off (only if any/all issues resolved):

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## For Gear Check at Start of Program

|   |   |
|---|---|
| Large Duffel Bag  | Upon arrival, an instructor will review the gear in your pack. Bring a large duffel to place items that have been pulled from your pack for later repacking in your pack. |
| Large Bag to hold Foot Gear   | Your boots will be reviewed as well as all multiple layers of foot cover, i.e. liners, VBLs or bread bags, and insulating socks   |
| Large Bag to hold snowshoes, crampons and ice axe (unless strapped to pack) | Bring a bag that can hold these sharp objects safely during review.   |

## Carrying Your Gear on the Trail

|                      |  |
|----------------------|--|
| Pack                 | Internal or external frame, minimum capacity ~5,500 cubic inches (90L). Make sure your pack is sized to fit your gear and a share of group gear. |
| Rain cover for pack. | Acceptable alternative: Large, heavy duty trash bag, as an inside liner for the pack.  |

## Clothing You Will Typically Wear While Hiking

|  |  |
|--|--|
| Boots  | See Winter Mountaineering School Handbook for further information  |
| Liner socks: 1 pair  | Smooth thin socks to be worn next to the skin.   |
| Wool or Synthetic insulating socks: 1 pair.  | To be worn over the liner socks. When layering socks, check fit over feet and inside boots.  |
| Vapor barrier socks (1 pair strongly recommended but not required for day trips).      | Acceptable alternative: Plastic bags – at least two on each foot per day. See Winter Mountaineering School Handbook for further information. |
| Tall gaiters   | Ensure they fit around your boots  |
| Wicking base layer: Long underwear (1 top and 1 bottom)                                | This will be your base wicking layer and should be made of a synthetic fiber or Merino wool.   |
| Insulating layer: Heavier-weight shirt (fleece/synthetic) as insulation for your torso | This is an additional insulating layer made of synthetic fibers or wool for your torso.  |
| Rain gear (jacket and pants)   | Protects against wind, wet snow, and rain.   |
| Hat: Fleece or wool (must cover ears)  | Acceptable alternative: Balaclava  |
| Insulating Mittens: Wool or synthetic  | Gloves are not an acceptable substitute for mittens  |
| Mitten shells  | Wind protection for your hands   |
| Glove liners   | Wool or synthetic anti-contact gloves  |

## Items Needed for Travel Over Snow and Ice

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| Snowshoes with traction features   | Must be designed for backcountry/alpine conditions (steep terrain). Size (length) appropriate for your weight, including your clothing and pack. |
| Mechanism for attaching snowshoes to outside of pack when wearing crampons. Straps or bungee cords | Be sure snowshoes can be easily and quickly affixed to pack prior to coming to WMS   |
| Full (10 or 12 point) crampons   | Aluminum not acceptable for hard east coast mountain ice.  |
| Mechanism to cover points of crampons when they are not being used. A crampon bag is best.         |  |
| Mechanism to attach crampons to outside of pack. Straps or bungee cords                            | Option: You can carry crampons inside pack   |
| General mountaineering ice axe   | (approximately 65- 80 cm for most people)  |
| Ice axe protectors (3)   | For the pick, adz, spike   |

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## Items that Need to Be Accessible on Your Person While Hiking

|   |  |
|---|--|
| Paper and pencil                                    | Small pocket sized "Rite-in-Rain" notebook and pencil. |
| Map of area (in plastic bag)                        |  |
| Compass: Flat, baseplate type with rotating housing | Best: Compass with adjustable declination mechanism    |
| Plastic whistle and neck lanyard                    |  |

## Clothing that Needs to Be in Your Pack – "Extra Clothing"

|   |  |
|---|--|
| Liner socks: 1-2 pair   | These are spares. Smooth thin socks to be worn next to the skin.   |
| Wool or Synthetic insulating socks: 1-2 pair.                                 | These are spares. To be worn over the liner socks. When layering socks, check fit over feet and inside boots.  |
| Wicking base layer - long underwear (1 top and 1 bottom)                      | This will be your backup base layer (wicking) and should be made of synthetic fiber or Merino wool for emergency use. Most people wear the first pair the entire trip. |
| Insulating jacket: Fleece, wool, or synthetic jacket(s)                       | This layer of clothing should be of moderate thickness, reasonable warmth, and should be simple to put on and take off.  |
| Insulating pants: Fleece, wool or synthetic-fill pants with full side zippers | Acceptable alternative: Any insulating pants that can be put on without removing your boots  |
| Down or synthetic parka with hood (puffy coat)                                | Parka needs to fit over all clothing layers. A stuff sack for the parka can be used to reduce volume in pack.  |
| Glove liners  | This is a spare pair   |
| Insulating Mittens: Wool or synthetic   | This is a spare pair   |

## Items You Will Need When Going Above Tree Line

|   |   |
|---|---|
| Head insulation covering head, ears, face and neck: Balaclava                   |   |
| Face and neck protection – windproof – typically leather or neoprene face mask. | Acceptable alternative: Cold weather shore hood (Wolf hood).  |
| Eye Protection - Ski goggles  | Acceptable alternative: Cold weather shore hood (Wolf hood).<br>Glacier glasses or sun glasses are not an acceptable alternative. |

## Sleeping Gear

|  |   |
|--|---|
| Sleeping Bag   | Rated to at least to -20°F (20 degrees below zero Fahrenheit)   |
| Waterproof compression stuff sack and heavy duty garbage bag for sleeping bag  | Compression sack necessary to reduce volume when packing. Sleeping bag compressed inside stuff sack inside garbage bag to protect against moisture. |
| Sleeping pads (2): at least 1 inch under torso (one can be a self-inflating pad, but not both, and one must be full body length) | Optional: Two closed cell pads.   |

## **Water & Food (You are responsible for your own trail food.)**

|  |   |
|--|---|
| Water: 2-3 wide-mouth 1 quart water bottles. | Water bag/bladder systems are not acceptable. They freeze and/or are hard to fill.                                  |
| Insulated holders for water bottles          | Acceptable alternative: Putting water bottles in your extra socks and wrapping water bottles in your extra clothing |

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|   |   |
|---|---|
| Accessible water: Method of attaching one of the insulated water bottle holders to the exterior of the pack so it is accessible without removing pack | Acceptable alternatives: Bota (wine bag), hang a bottle from neck and inside insulating layers, carry a bottle in an inside pocket. |
| Food: (3) backpacking breakfasts, (6) trail lunches, (3) camp dinners.  | (breakfast, snacks, lunch and dinner)<br>See Winter Mountaineering School Handbook for further information.                         |
| (1) extra dinner for emergencies  | freeze dried recommended due to weight and volume   |
| Stuff sack  | for storing and hanging food with cord to hand with   |

### **Gear and Other Items That Need to Be in Your Pack**

|   |  |
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| Fuel bottle(s)  | Please tape or mark fuel bottle(s) to identify they are yours. |
| Fuel: "white gas"   | 10 ounces per person per night                                 |
| Matches/lighters in waterproof cases  |  |
| 50' thin nylon cord   | Used for emergency repair                                      |
| Closed-cell foam or self-inflating "shorty" pad to sit on and for emergency use (approx. 20" x 12") | Note: Some packs have a removable pad.                         |
| Headlamp (LED) with fresh batteries & backup batteries  |  |
| Pocket knife  |  |
| Sunglasses  |  |
| Female hygiene items  | (as appropriate)   |
| Toilet paper (in plastic bag), hand sanitizer   |  |
| Sunscreen   |  |
| Lip balm  |  |
| Glasses – extra in crush proof case   | (if you wear glasses)  |

### **Optional Items (Consider the weight/bulk vs. value or utility before buying or carrying.)**

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|--|---|
| Trekking Poles   | Helpful for balance when carrying a pack or for knee problems.  |
| Traction aids, instep crampons, Micro Spikes, or any of the various traction devices that are not full boot crampons | Traction aids are beneficial for getting around the Loj area during icy conditions, as well as some portions of our hikes where there is relatively level terrain with very hard packed snow and ice. |
| Summit pack  | Pack sufficient to carry day hiking gear  |
| Insulated booties.   | Camp booties can be worn alone or in conjunction with your boot's plastic shell.  |
| Vapor barrier sleeping bag liner   | Recommended for down bags, increases insulating value of bag.   |
| Head band or buff  | Keeps ears warm when a hat is not needed and can be a face / neck cover when in wind  |
| Underwear/briefs/bra   | Most folks wear the same clothes for the duration.  |
| Earplugs   | For getting good sleep despite windy nights or snoring tentmates.   |
| Extra plastic bags   | various sizes. Great for organizing gear around camp.   |
| Vacuum bottle  | thermos   |
| Tiny whisk broom   | To sweep snow out of your tent  |
| Water purifying tablets  |   |
| Candle lantern   |   |
| Altimeter watch / GPS / Smart Phone  |   |

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| Photocopy or notes | Such as distances, times, trail junctions, etc. from the relevant guidebook(s) |
| Camera (small)     | A large SLR camera is not recommended.   |

**Backpacking Group Gear (Items are not required, but bring them if you have them - there should be enough to share. Your Instructor will determine what items to carry as a group.)**

|   |  |
|---|--|
| Tent                                    | 2-3 person. 3 or 4-season tent (the less mesh in the ceiling the better) |
| Snow stakes, deadmen or other mechanism | to anchor tent   |
| Groundsheet for tent                    | aka "footprint" (optional)   |
| Snow shovel (lightweight)               |  |
| Light rope to hang food                 |  |
| Stove: Liquid fuel.                     | Make sure fuel pump and wind screen is included.                         |
| Stove repair kit                        |  |
| Platform for stove                      | thin plywood covered in non-flammable material                           |
| Pot (lightweight - for backpacking)     | at least two quarts, with lid and handle (or bring pot gripper)          |
| Small dipping cup                       | for getting boiling water from pots (1 cup size)                         |
| Collapsible water bucket                |  |
| Bag for trash/garbage                   |  |
| Tarp, including sufficient nylon cords. | Protects cooking area from rain and blowing snow.                        |

**Additional Group Gear for Day Hikes from Base Camp (Items are not required, but bring them if you have them - there should be enough to share. Your Instructor will determine what items to carry as a group each day.)**

|  |  |
|--|--|
| Vacuum bottle (Thermos)                              | ½ to 1 liter size.   |
| Emergency shelter                                    | e.g. Zdarsky bag, tent without poles, large bivy bag, etc. |
| Group first aid kit                                  | For emergency  |
| Repair kit (wire, tape, nylon cord, pliers, etc....) | For emergency  |

### For Loj Indoor Stays

|   |  |
|---|--|
| A duffle of overnight lodge attire /gear or "city clothing" with comfortable shoes. | We will be dressed for the outdoors most of the time, but for dinner and evening workshops, a set of comfortable clothes is recommended.   |
| Sheets and Towels   | Sheets & towels are provided for guests staying in the Loj. Participants/Staff located in ADK outbuildings or Wilderness Cabin settings are provided wool blankets / pillows only and not linens/towels. |