

To have the most enjoyable time at Philmont, OATC Leadership recommends and/or requires the following items. At the conclusion of the work week, all participants will have the opportunity to send down extra/dirty items down to base for storage during the trek week. Participants will also have the ability to leave a limited amount of gear in storage lockers at base camp, reserved typically for travel gear and toiletries. This list is very similar to one found on Philmont’s website, with specific changes to fit the needs of our program and further explanation. For any questions, reach out to the seasonal leadership. Please also review the [Philmont Equipment list](#) before your trek.

PERSONAL EQUIPMENT

LOWER BODY LAYERS

You will need 1-2 synthetic insulating layers. All must fit comfortably over each other, so they can be worn in combination.

EQUIPMENT	QTY	COMMENTS	CODE	CHECK
Base Layer	1	Long underwear bottom, mid-weight, synthetic or wool. Used for cold mornings or evenings & extra warmth while sleeping.	T	
Rain Pants	1	Lightweight & sturdy	T, A	
Long Pants	2	Pants are needed for spar pole climbing, horseback riding, cold weather, and are required for conservation work week.		
Underwear	3	Synthetic	T	
Hiking Shorts	1	With good elastic or drawstring	T	

UPPER BODY LAYERS

It is imperative to layer your clothing, combining different garments to achieve protection from the elements and optimum insulation. Synthetic or wool layers are recommended as they insulate when wet. Avoid cotton, as it does not insulate when wet. The current OATC worksite is located at 10,896 ft in elevation and can become quite exposed to rain, hail, and even snow.

EQUIPMENT	QTY	COMMENTS	CODE	CHECK
Base Layer	1	Long underwear top, mid-weight, synthetic or wool. Used for cold mornings or evenings & as extra warmth while sleeping.	T	
Middle Layer	1	Wool sweater or fleece pullover	T	
Top Layer	1	Lightest and warmest available. Wool or fleece is best since they both provide warmth if wet. A “puffy” jacket with synthetic or down insulation works well.	T, E	
Rain Jacket	1	Sturdy waterproof jacket with a hood. Layer over fleece for extra warmth. Frogg Togg and similar are not recommended. Check waterproofing before trek.	T, A, E	
Shirt: Short Sleeve	2	Moisture wicking; avoid cotton.	T	
Shirt: Long Sleeve	1	Moisture wicking; avoid cotton. Warmth layer for cold mornings or evenings.	T	
Sports Bra	2	Synthetic blend	T	

HEAD/NECK/HANDS

EQUIPMENT	QTY	COMMENTS	CODE	CHECK
Wool or Fleece Hat	1	Preserves body heat during cool evenings and while sleeping.	T	
Work Gloves	1	Optional. Gloves will be provided by OATC but feel free to bring your own personal work gloves.	T	
Baseball Cap or Wide Brim Hat	1	Protect ears and face from the sun.	T	

PACKS AND BAGS

EQUIPMENT	QTY	COMMENTS	CODE	CHECK
Backpack	1	Internal frame 75L (4600 cubic in) External frame 65L (3966 cubic in) Rental available w/ packcover = \$30	T	
Summit or Daypack	1	For work week and sending extra personal gear down after work week.	T	
Lashing Straps	1	To hold a sleeping bag or other gear on pack.	T, O	
Gallon Ziploc Bags	6-12	Keep your gear dry and clothing organized. Can be provided by the Conservation Dept.	T	
Pack Cover	1	Waterproof; make sure it fits over the pack when full and any external items.	T, A	
Small Stuff Sacks	2-3	Pack personal items and keep organized.	T	
Ditty Bags	1-2	Put all personal smellables in one bag and raise it in the bear bag at night.	T	
Ground Tarp	1	Tarp for use under tent	T, O	

SLEEPING GEAR

EQUIPMENT	QTY	COMMENTS	CODE	CHECK
Sleeping Bag	1	Rated to 20°F and less than 4 lbs.	T	
Waterproof Stuff Sack	1	Alternatively, you can also use a compression sack lined with a plastic trash bag.	T	
Sleeping Pad	1	Provides padding and insulation from the ground.	T	
Sleep Clothes	1 set	Worn only in your sleeping bag; T-shirt and gym shorts are acceptable.	T	

FOOTWEAR

EQUIPMENT	QTY	COMMENTS	CODE	CHECK
Boots	1 pair	Well broken in boots that are durable and fit comfortably. Boots with ankle support are highly recommended. Tough boots required for work week.	T	
Socks	4 pairs	Synthetic or wool. More welcomed if you wish to carry them. MUST be of hiking quality.	T	
Liner Socks	One pair per socks	Synthetic or wool; wicks away sweat from the foot and can help prevent blisters. Enjoyed by some, found not as useful by others.	T, O	
Camp Shoes	1 pair	Sturdy, lightweight, closed-toe shoes; Used in camp, on side hikes, for rock climbing, biking, etc.	T, O	

MISCELLANEOUS ITEMS

EQUIPMENT	QTY	COMMENTS	CODE	CHECK
Bowl	1	Deep bowl; lightweight material	T	
Mug/Cup	1	12-20 oz.; measuring style recommended.	T, O	
Spoon/Spork	1	Lightweight	T	
Water Bottles	4+	Water bottles should have 1-quart capacity; any combination of bladders and bottles are accepted, but at least one water bottle is necessary. Minimum total water capacity per person = 4 quarts	T, A, BB, E	
Pocket Knife	1	Small knife for opening food packages and water purification tablets.	T, A, S, E	
Matches or Lighter	1	Pack in a waterproof container for lighting camp stove; it can be shared w/ buddy or among the crew.	T, BB, S, E	
Flashlight or Headlamp	1	Durable and lightweight; everyone in the crew should have a personal light source; bring extra batteries.	T, E	
Trekking Poles w/rubber tips		Only for participants with severe knee or balance issues	T, O	
Philmont Maps Sectional	2 sets	Overall maps are not suitable for navigation; sectional maps provide more detail for accurate navigating. One or two sets are required to be bought per crew upon arrival at Philmont.	T, A, S, E	
Compass	1	Liquid filled compass w/rotating dial is optimal.	T, A, S, E	
Bandana or tube headgear	1	Serves as a washcloth, hot pot holder, and a variety of other uses.	T, BB	

Money	\$5 - \$2 0	Small bills; backcountry trading posts have a variety of items.	BB	
Lip Balm	1	Moisturizing balm with SPF 25+	T, A, BB	
Soap	1	Biodegradable; for body and clothes; small amount needed. For showering in base camp	T, BB, S	
Toothbrush	1	Travel size	T, BB	
Toothpaste	1	Small amount needed.	T, BB, S	
Camp Towel	1	Quick drying and small. For showering in base camp	T	
Tampons and/or Pads		Strongly recommended for participants with menstrual cycles to bring; enough supplies for duration.	T, BB	
Personal Medication		Enough for the entire session.	BB	
Sunglasses	1		T, O	
Watch		Encouraged to be left at base so the crew can enjoy "God's Time".	T, O, E	
Camera	1	Bring sufficient supply of batteries and memory cards. Highly preferable to cell phone	T, BB, S	

EQUIPMENT ISSUED BY PHILMONT AND CONSERVATION DEPARTMENT

Each crew of 7-12 persons is issued the following equipment free of charge upon arrival at the ranch.

EQUIPMENT	QTY	COMMENTS	CODE	CHECK
Thunder Ridge Shelter (Dining Fly)	1	12' x 10'; weight 2lbs, 3oz; Crews may bring their own; A wide/short dining fly is preferred over a tall narrow one.		
Collapsible Poles	2	For dining fly; weight 1lb, 5oz; Trekking poles are a convenient substitute.		
Philmont Thunder Ridge Tent	1 per 2 ppl	Weight with poles 5lbs, 13oz; Footprint 88" x 54"; Personal tents must be fully enclosed; Single person tents are NOT allowed due to larger overall camp impact, except in the event of odd numbered crews or male/female tenting needs. Includes tents by Conservation Department		
10L Water Container	1	Capacity of 10 liters of water for dry camps. Provided by Conservation Department		
Cooking Pot	1	8 quart aluminum pot with lid; weight 1lb, 12.8oz; Must be large enough to cook for everyone in the crew; Must be large enough to fully submerge dishes and utensils for sanitizing before eating.		



Dish washing Pot	1	8 quart aluminum pot without lid; weight 1lb, 4oz; Must be large enough to heat water for washing and rinsing.		
Large Spoon	1			
Hot Pot Tongs	1	Multi-tool with pliers or hook can be used instead.		
Backpack ing stove	2	MSR white gas Dragonfly stoves provided by Conservation		
Fuel Bottles	2	Department 1 quart		
Plastic Trash Bags	10	Personal preference; multi-purpose	C	
Dishwash ing Soap	1	CampSuds; a little goes a long way.	BB, C	
Hand Sanitizer	1	Personal hygiene	BB, C	
Scrub Pads	1	1 large piece that can be cut into smaller pieces for cleaning pot and dishes after dinner.	BB, C	
Water Purifier Tablets	10 per person	Crew will receive 1 sheet that holds 10 tablets for each person in their crew; 1 Micropur tablet treats 1 liter of water; save empty sheets for resupply at backcountry commissaries.	C	
Bear Rope	2-3	Nylon; weight 1lb, 3.2oz each; 100 feet in length, 1/4 in in diameter; We require that crews use Philmont bear rope or personal rope of equivalent dimensions; Smaller ropes are more difficult to hoist, can fray, and can either snap on bear cable or damage bear cable; 2 ropes on Philmont property, 3 ropes off Philmont property.	BB	
Bear Bags	5-8	For hanging food and other smellables; weight 1lb, 8oz; can hold up to 20 liters.	BB	
Food Strainer & Scraper	1	8oz	BB	

Toilet Paper		Please refrain from bringing personal toilet paper—it could be considered smellable and may not be biodegradable.	C	
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CODE: (T) = available at Philmont’s Tooth of Time Traders; (A) = easily accessible in pack or carried on person; (C) = available for resupply at commissary camps; (BB) = packed in bear bag at night; (E) = The Essentials for Hiking at Philmont; (S)=Share with a buddy; (O)=Optional

NOTE: Participants should be prepared to leave their cellular devices in base camp for the duration of their trek. Due to the rugged nature of the backcountry, there is a high likelihood of permanently damaging your device should you take it on your trek. Please consider the importance of your cell phone for your travel before bringing it onto the trail. Storage is provided in basecamp for all valuables. Accommodations can be made for special circumstances.

As noted in the [Philmont Guidebook to Adventure](#), radios, mp3 players, and video game devices are **prohibited** in the Philmont backcountry. The use of a cell phone as a form of entertainment **will not be permitted** at any time in the backcountry. Please note there are no locations for charging any electronic device while in the backcountry.

For more information about cellular devices, please refer to the Guidebook to Adventure, and the OATC Letter from Leadership.