

Equipment List

Pacific Northwest Sea Kayaking & Sailing

Welcome to NOLS!

We look forward to having you with us this summer in the Pacific Northwest.

Except for a few personal items, as indicated on the following list, we can completely outfit you for your course. This list is designed to assist you in deciding what to bring. The gear listed is typically used on this course; the actual gear required for your course may vary slightly, given course route, curriculum goals, season and prevailing weather conditions. There is also a list of optional items. You are welcome to bring any items on the equipment list that you already own. Your instructors will inspect your gear and determine if it is suitable for your course. If an item is not approved, you may leave it with your baggage in our storage room.

We can provide you with all of the equipment on this list except for those items designated as "Must Bring." **If you decide to purchase gear on your own before your course, we highly recommend you call NOLS and speak with our staff before making your final purchases. This will assure that what you buy will be appropriate for your course.**

While you do not have to rent gear from us, there are several reasons why we suggest it. Our rental gear is high quality, chosen and maintained specifically for the use it receives on our courses. The rental prices are reasonable given the wear the equipment receives. Also, if you plan to eventually purchase gear, you will have a better understanding of your future needs and preferences after the expedition. Finally, even if your equipment is appropriate, it will receive lots of hard use. Students are often surprised at the amount of wear put on their personal gear in a month.

The availability of each item is indicated as follows:

Purchase at NOLS indicates the item is available at NOLS, but for PURCHASE ONLY.

Must Bring indicates that the item is NOT AVAILABLE from NOLS.

Rental Price – The price to rent from NOLS is indicated in this column, and these items can be purchased at the end of your course (the rental price will be applied to the purchase price).

Rental prices listed are for the entire course. ALL PRICES ARE SUBJECT TO CHANGE.

In addition to the course tuition, an equipment deposit is charged to each student to cover the average cost of equipment rental and cleaning. You will be charged additionally for the replacement of any lost or damaged equipment. Your actual expense will vary depending on the suitability of your personal gear and how much gear you rent and purchase from NOLS. Additional purchases of new and used gear may raise your total outfitting expense above your rental deposit. Should your total be less than the equipment deposit, the difference will be refunded to you by mail. If you exceed the amount of the equipment deposit, NOLS will charge your account and mail you a final statement.

Formulating an idea of all the gear necessary for your expedition can be a new and daunting process. We have an experienced and competent staff ready to help, so if you have any questions or would like more information regarding any of the items on the equipment list, don't hesitate to contact the NOLS Pacific Northwest outfitting staff at:

Phone: (360) 445-6657

Email: pnw_outfitting@nols.edu

Website: <http://www.nols.edu/courses/locations/pacificnw/>

Mailing Address: P.O. Box 527 Conway, WA 98238



Upper Body Layers

You'll need at least 3 insulating layers, plus a wind and a rain layer, which must fit comfortably over each other so they can all be worn at the same time. If you tend to get cold easily, add the fleece vest in addition to the other 3 layers. Bringing two base layers and two mid layers is nice; one for paddling and one for camp.

Equipment	Rental Price	Purchase Price	Quantity	Comments	Check List
T-Shirt	Purchase at NOLS	\$27-\$39	1	We recommend Capilene or other synthetic over cotton t-shirts since they dry much faster. This is not one of your insulating layers. No cotton please.	
Base Layer (mid-weight synthetic)	Purchase at NOLS	\$45	2	Lightweight or mid-weight crew or zip turtleneck top of polyester, Capilene, wool, or Polartec Power Dry.	
Mid-Layer (expedition weight)	Purchase at NOLS	\$55-155	2	Expedition-weight crew or zip turtleneck top of polyester fleece or Capilene.	
Top Insulating Layer (fleece jacket or insulated jacket)	\$35	\$100-\$200	1	A heavy weight, full-length jacket of Polartec 200 or 300-weight fleece, or an insulated jacket, such as the Mountain Hardwear Compressor or the Patagonia Micro Puff. An insulated jacket is preferred.	
Fleece or Insulated Vest (optional)	\$16	\$45	1	A polyester fleece vest of Polartec® 200 or synthetic filled vest. <u>Optional for adjusting your layers.</u>	
Wind Shirt	\$20	\$55	1	A lightweight, breathable, nylon wind shell either anorak or full-zip style. This must be large enough to fit comfortably over the 3 insulating layers.	
Waterproof Paddling Jacket	\$30	\$115	1	A waterproof nylon or Gore-Tex paddling jacket with neoprene or latex seals on cuffs and collar, and neoprene waistband with bungee draw cord.	
Foul Weather Jacket	\$20	\$150	1	A quality waterproof jacket (PVC or similar material) for in camp during kayaking. If you own a suitable Gore-Tex jacket, bring it. Available from Helly Hanson or Dutch Harbor.	
Personal Floatation Device (PFD)	\$15	\$135	1	A Type III vest with whistle designed for kayaking. We use Lotus Deepwater and Locean, Astro Buoyancy Tempo 200.	
Sailing Foul Weather Jacket	\$13	\$150	1	A heavy duty, offshore-weight waterproof jacket fully lined. A Gore-tex jacket will work for sailing.	



Lower Body Layers					
You'll need at least 2-3 insulation layers, plus a wind layer, which must fit comfortably over each other so they can all be worn at the same time. Many students bring an extra mid-weight layer. The secondary layer and fleece pants can be interchangeable; if you get cold easily, bring fleece pants.					
Equipment	Rental Price	Purchase Price	Quantity	Comments	Check List
Base Layer (mid-weight synthetic)	Purchase at NOLS	\$20-\$32	2	Light or mid-weight bottoms of polyester, Capilene, wool or Polartec Power Dry. Bring 2 if you prefer a paddle layer and a land layer.	
Mid-Layer (expedition-weight fleece pants)	\$20	\$45	2 pair	Expedition-weight bottoms of Polartec fleece (200 weight or greater) or stretch Capilene.	
Wind Pants	\$20	\$55	1 pair	Breathable, nylon wind pants which are roomy enough to fit over all lower body garments. Gore-Tex pants are acceptable.	
Women: Underwear/ Sports Bras Men: Boxers	Purchase at NOLS	\$18-\$36	2	Women's briefs and sports bras are available for sale. Capilene underwear is recommended, but cotton will work. Men may prefer synthetic boxer shorts.	
Foul Weather Bibs	\$15	\$125	1 pair	Heavy duty, waterproof bibs (PVC or similar material) for camp during kayaking. Available from Helly Hanson, Dutch Harbor, Kokotat and REI. If you have suitable Gore-Tex pants, bring them.	
Board Shorts/Swimming Suit	Purchase at NOLS	Men only \$31	1	Women appreciate a two-piece or halter-top and shorts for sunny days. Men can use hiking shirts as swim suits.	
Sailing Foul Weather Bibs	\$13	\$125	1	Heavy duty, offshore-weight waterproof bibs. Gore-tex pants work well.	

Head, Neck & Hand Layers					
Equipment	Rental Price	Purchase Price	Quantity	Comments	Check List
Sun Hat/Baseball Cap	Purchase at NOLS	\$18.25	1	Necessary for sun protection of your face and ears. Outdoor Research Sombrero or safari cap would work well.	
Wool or Fleece Hat	Purchase at NOLS	\$16-\$30	21	A warm hat made of wool or synthetic materials.	
Gloves	Purchase at NOLS	\$13-\$21	1 pair	Wool or fleece.	
Paddling Pogies/Gloves	\$7	\$35	1 pair	Made to fit over a kayak paddle, either insulated or non-insulated, neoprene or nylon.	
Rain Hat/Sou'wester	\$4	\$10	1	We suggest a Sou'wester-type rain hat even if your foul weather jacket has a hood.	
Our advice? As long as they're not cotton, bring your gloves and mittens. We'll check them and see if they'll work. You may need one pair, or depending on the weather, you may need two pairs.					

Footwear					
Equipment	Rental Price	Purchase Price	Quantity	Comments	Check List
Rubber Boots	\$18	\$100	1 pair	Knee high, all-rubber boot with a very good tread sole that fit comfortably with 1-2 pairs of socks. We use Xtratufs for exploring beaches and in camp.	
Water Shoes	Must Bring	Must Bring	1 pair	Close toed shoes with firm rubber soles or Chaco-type sandals with a neoprene sock work while kayaking.	
Camp Shoes	Must Bring	Must Bring	1 pair	Running, tennis or cross-training athletic shoes, in good condition, to wear around camp. Avoid expensive shoes. Camp be used as deck shoes in sailing if soles are non-marking.	
Wool Socks	Purchase at NOLS	\$10-\$18	5-6 pairs	Crew length. Socks must be heavy wool or wool/synthetic blend. Wigwam and Smartwool are good choices.	
Deck Boots	\$10	\$55	1 pair	Mid-calf yachting boot with a very good razor-slit non-skid sole. We only stock to size 13.	

Packs & Bags					
Equipment	Rental Price	Purchase Price	Quantity	Comments	Check List
Zip (Duffel) Bag or Waterproof Dry Bag	\$5	\$11.75-\$19.95	3	One small size (9"x 12") and two large size (12"x24") zippered nylon bags used as clothing and storage bags or 10 liter and 20 liter waterproof rubberized dry bags.	
Plastic Trash Bags	Purchase at NOLS	\$1-2	4	Heavy-duty lawn and garden bags; two 2 mil/33 gallon bags and two 3 mil contractor cleanup bags.	

Sleeping Gear					
Equipment	Rental Price	Purchase Price	Quantity	Comments	Check List
Sleeping Bag	\$60	\$175-\$195	1	We recommend synthetic-insulated bags approximately rated to 0°F. Down bags are not suitable for the wet conditions sometimes encountered in the Pacific Northwest.	
Compression Stuff Sack	\$8	\$20-\$26	1	Large compression stuff sack for your sleeping bag.	
Sleeping Pad (Therm-A-Rest) and Stuff Sack	\$8	\$54.95-\$100	1	A full-length closed cell foam pad to insulate and pad beneath your sleeping bag. Therm-A-Rest full, or ¾, lengths are for sale only, and require a repair kit.	

Miscellaneous Items

A mug, bowl (Tupperware bowls work well) and spoon. Cup and bowl must be of non-breakable material such as enamel or soft plastic. Insulated mugs with lids are good to keep drinks hot.

Equipment	Rental Price	Purchase Price	Quantity	Comments	Check List
Insulated Mug	Purchase at NOLS	\$5-\$15	1	12 to 20 oz. insulated mugs with lids are preferred. Many staff use 16 oz. Nalgene water bottles for their mug.	
Bowl	Purchase at NOLS	\$3.50	1	A bowl (approx. 3 cups volume) with a snap-on lid. Re-sealable Tupperware type containers work great.	
Spoon	Purchase at NOLS	\$1-\$6.75	1	Lexan spoons are light and durable.	
Hydration System	Purchase at NOLS	\$9-\$34.95	2	Two water containers are required (64 oz. total). One needs to be a water bottle. We recommend the other be a Platypus, Camelbak, or the MSR Hydromedary bag with 64 oz. capacity. Two water bottles are okay.	
Lip Balm	Purchase at NOLS	\$2.50	1	We recommend SPF 30 or greater.	
Sunscreen	Purchase at NOLS	\$14	1	4-ounce tube with SPF 30 or greater.	
Bandanas	Purchase at NOLS	\$2	2	Useful for a variety of purposes.	
Sunglasses	Purchase at NOLS	\$49-\$159	1 pair	Lenses should block 100% ultraviolet and 95% infrared light.	
Prescription Glasses And Contact Lenses	Must Bring	Must Bring	1	If you wear them, bring a spare pair of glasses or lenses. Contact lens wearers should also bring a pair of glasses as backup.	
Headlamp	Purchase at NOLS	\$29.95-\$39.95	1	LED headlamp preferable. Bring spare batteries. We sell Petzl headlamps.	
Batteries	Purchase at NOLS	\$.85	1 set	We have AA, AAA batteries for sale.	
Disposable Lighters	Purchase at NOLS	\$1	2	Used for lighting camp stoves. Keep in mind that airlines don't allow this item in carry-on luggage.	
Personal Hygiene Articles	Must Bring	Must Bring	1	We have travel-size toothpaste, toothbrushes, and feminine hygiene products for sale.	
Instant Hand Sanitizer	Purchase at NOLS	\$2.50	1	A 2 oz. bottle, alcohol-based is preferable.	
Watch	Must Bring	Must Bring	1	A water-resistant watch with an alarm.	
Notepad	Purchase at NOLS	\$9	1	A small, lightweight pad is fine. We sell NOLS waterproof Expedition Journals.	
Pen or pencil	Purchase at NOLS	\$1	1-2	Bring spares.	
Sunglass Retainers	Purchase at NOLS	\$5	1	Optional. Chums or Crookies for keeping track of your glasses or sunglasses	

Remember to bring a passport for Canadian entry requirements (must be valid for duration of course).



Optional Items					
Equipment	Rental Price	Purchase Price	Quantity	Comments	Check List
Vitamins	Must Bring	Must Bring	1	Some students bring multi-vitamins to supplement the diet.	
Thermos	Purchase at NOLS	\$21.95	1	A one- or two-quart vacuum bottle is recommended but optional. You can substitute a thermos for one water bottle.	
Coffee	Purchase at NOLS	\$10/lb.	1	Bring if you enjoy specialty coffee for yourself in the morning. Coffee isn't in the NOLS rations but can be purchased.	
Collapsible Umbrella	Purchase at NOLS	\$40	1	A small collapsible umbrella is a great option for rainy days.	
Camera and Film	Must Bring	Must Bring	1	Compact camera with protective case. No heavy lenses/elaborate set-ups.	
Binoculars	Must Bring	Must Bring	1	These are recommended to help you develop your ability to assess sea conditions. 7x35 or 8x35 are good choices. You may need a waterproof container since you'll be around salt water.	
Insect Repellent	Purchase at NOLS	\$6	1	1 small bottle. No aerosol spray cans.	

Group Gear		
<p>Expedition members share both the use of and responsibility for the group gear that NOLS issues. NOLS charges only for group equipment that gets lost or damaged. Keep in mind that NOLS evaluates gear from a number of perspectives beyond what an individual user might consider. Performance, durability and simplicity are all factors we consider when we select our gear.</p>		
Tents & Shelters	Compass/Charts/ GPS'	Kayaks and accessories
Cooking gear/Spice kits	Water Storage	Safety equipment
Stove & Fuel Bottles	Shovel (small)	Paddles
Binoculars	Repair kits	Helmets
Fishing equipment	Boat bag	First Aid Kits
Fuel bottles	Wet suit	

Equipment Charges Worksheet

An equipment deposit is required of each student to cover the average cost of equipment rental and cleaning. You will be charged additionally for the replacement of any lost or damaged group equipment. Your actual expense will vary according to how much gear you rent and purchase from NOLS. Additional purchases of new and used gear may raise your total outfitting expense above your rental deposit. Rental and purchase charges will be totaled at the end of the course. Those using some of their own equipment may be eligible for a refund, which will be mailed 2-4 weeks after the course ends. If you exceed the amount of the equipment deposit, NOLS will charge your account and mail you a final statement.

TO ESTIMATE YOUR EQUIPMENT FEES FOR YOUR NOLS COURSE:

1. Projected equipment rental charges from NOLS (Rental prices are for the entire course.)		\$	<hr/>
2. Projected purchases from NOLS: (Estimated from the checklist.)	+	\$	<hr/>
3. Add lines 1 and 2: This is your estimated total with RENTALS and PURCHASES	=	\$	<hr/>
4. Equipment deposit you have on credit (See your account statement for amount.)	-	\$	<hr/>
5. Subtract line 4 from line 3: This is your FINAL ESTIMATED BALANCE		\$	<hr/>

