

# CERTIFICATE IN OUTDOOR EDUCATION - GEAR LIST

Kia ora and thank you for choosing to study with us. We look forward to meeting you.

Your programme fee will cover the cost of accommodation and food (not snacks) on multi-day trips, transport and special equipment required on the programme. All technical equipment such as ice axes, ropes, kayaks, helmets will be provided. You may prefer to use your specialist equipment should you already have it. If so, check with the pursuit lead tutor to check if your gear is appropriate.




**The following list is what we expect you to show up with.** If you are unsure what to buy, please get in contact.



This gear list is the foundation of your career and should last you up to ten years, so choose well-made products.






We encourage students to seek 2<sup>nd</sup> hand gear wherever possible TradeMe and Facebook marketplace are great ways to save money and reduce our environmental impact.




Think practical over flashy.





## General Outdoor gear


Minimum required	Gear	Details	Example (does not need to be the brand pictured)
1	Pack	<ul style="list-style-type: none"> <li>Choose a pack in relation to your body size and get the frame fitted to you.</li> <li>Has as ice axe and crampon attachments</li> <li>60-70 litre capacity</li> </ul>	
1	Pack liner	<p>Option 1: MountainSafety Council pack liners are cost-effective and great! <a href="https://www.macpac.co.nz/mountain-safety-council-pack-liner-/119738.html">https://www.macpac.co.nz/mountain-safety-council-pack-liner-/119738.html</a></p> <p>Option 2: Sea to Summit Ultra-Sil Pack Liner size large or similar product. More expensive but will last longer if looked after. <a href="https://www.bivouac.co.nz/sea-to-summit-ultra-sil-pack-liner.html#description">https://www.bivouac.co.nz/sea-to-summit-ultra-sil-pack-liner.html#description</a></p>	
1	Daypack	<ul style="list-style-type: none"> <li>20 - 40 Litres</li> <li>Day pack needs to be at least 20L to be able to carry personal and group gear in the field</li> <li>Ideally, you can run with this pack.</li> </ul>	

1	<b>Sleeping bag</b>	<ul style="list-style-type: none"> <li>• Spend your money on a suitable sleeping bag.</li> <li>• 3 seasons at least</li> <li>• You will sleep in the snow</li> <li>• Thermal liners are great ways to improve warmth without spending a fortune</li> <li>• If it is a down sleeping bag, ensure you can keep it dry at all times i.e. recommend an extra lite weight drybag.</li> </ul>	
1	<b>Sleeping mat</b>	<p>Option 1: Closed-cell foam (cheap yet bulky)</p> <p>Option 2: Inflatable (Thermarest, exped, neo air ) style, with a repair kit. Make sure it has insulation, and it packs down small.</p> <p>Having a foam mat to place underneath would prolong its life.</p>	


1 pair	<b>Tramping Boots</b>	<ul style="list-style-type: none"> <li>• Summer boots with ankle support are acceptable for the 1<sup>st</sup> term, but you will need Leather boots for winter that could fit flexible crampons.</li> <li>• ¾ shank at a minimum for winter, ¼ shank maximum for summer.</li> </ul>	
1 Pair	<b>Running Shoes</b>	<ul style="list-style-type: none"> <li>• For regular training, road and track and accessing rock crags etc.</li> <li>• With reasonable traction / tread</li> </ul>	
1 Pair	<b>Gaiters</b>	<ul style="list-style-type: none"> <li>• To keep snow, water, sticks and stones out of your boots</li> <li>• Choose gaiters made out of a durable product like canvas. Sea to Summit Quagmire Canvas Gaiters is a good option.</li> </ul>	
1	<b>Raincoat</b>	<ul style="list-style-type: none"> <li>• Waterproof and seam-sealed</li> <li>• With a hood</li> <li>• If you're not sure it's up to the West Coast rain – test out by wearing in the shower for 10 minutes</li> <li>• Stoney creek stow it jacket is a great cost-effective option</li> </ul>	
1	<b>Overpants</b>	<ul style="list-style-type: none"> <li>• Waterproof pants</li> <li>• Seam-sealed</li> <li>• If you're not sure if they are up to the West Coast rain – test out by wearing in the shower for 10 minutes</li> <li>• Stoney creek dream bull over pants are great value for money.</li> </ul>	

2	<b>Thermal Heavy Weight Top</b>	<ul style="list-style-type: none"> <li>Fleece, wool or similar</li> <li>No cotton</li> <li>If you are trying to keep gear costs down, there usually is lots of great fleece and wool jumpers at your local Salvation Army op shop. These are awesome! as long as they are not cotton</li> </ul>	
1	<b>Thermal Heavy Weight Trousers</b>	<ul style="list-style-type: none"> <li>Polar Fleece, wool or similar</li> <li>Check out your local second-hand clothing store for some cheap fleece pants</li> <li>Hunting stores (as well as outdoor stores) can be a great place to warm layers like fleece pants</li> <li>No cotton</li> </ul>	
3	<b>Base layer long sleeve thermal tops</b>	<ul style="list-style-type: none"> <li>Polypropylene/wool or similar</li> <li>Check out your local second-hand clothing store for polypropylene/wool thermals</li> <li>No cotton</li> </ul>	



3	<b>Base layer thermal long johns</b>	<ul style="list-style-type: none"> <li>Polypropylene/wool or similar</li> <li>Check out your local second-hand clothing store for polypropylene/wool thermals</li> <li>No cotton</li> </ul>	
1	<b>Down &amp; Insulated Jackets</b>	<ul style="list-style-type: none"> <li>Optional but nice.</li> <li>Lightweight down or synthetic jacket. Macpac or similar.</li> </ul>	
1	<b>Beanie</b>	<ul style="list-style-type: none"> <li>Polar fleece/wool beanie</li> </ul>	
1	<b>Balaclava / Buff</b>	<ul style="list-style-type: none"> <li>Polar fleece/wool balaclava or Buff</li> <li>No cotton</li> </ul>	
2 pairs	<b>Liner gloves</b>	<ul style="list-style-type: none"> <li>Lightweight Polypropylene / wool gloves</li> <li>The warehouse offers great cost-effective polypropylene gloves.</li> </ul>	
1 pair	<b>Fleece / wool gloves</b>	<ul style="list-style-type: none"> <li>Heavier weight and warmer than liner gloves</li> </ul>	
1 pair	<b>Waterproof mittens or gloves</b>	<ul style="list-style-type: none"> <li>Over mitts</li> </ul>	




<b>3 pairs</b>	<b>Socks</b>	<ul style="list-style-type: none"> <li>• Thick wool / thermal socks</li> <li>• The warehouse can be a great cheap place to buy wool/thermal socks. You don't need icebreaker.</li> </ul>	
<b>1</b>	<b>Compass</b>	<ul style="list-style-type: none"> <li>• Silva with a long base plate.</li> <li>• <a href="https://www.bivouac.co.nz/gear/camping-and-tramping/compasses/silva-ranger-3-compass.html">https://www.bivouac.co.nz/gear/camping-and-tramping/compasses/silva-ranger-3-compass.html</a></li> <li>• Avoid Kathmandu compasses.</li> </ul>	
<b>1</b>	<b>Personal first aid kit</b>	<ul style="list-style-type: none"> <li>• Bring \$30, and we will show you what to buy</li> </ul>	
<b>1</b>	<b>Survival kit</b>	<ul style="list-style-type: none"> <li>• We will show you what to put into your survival kit. Expect to spend around \$20-\$30</li> </ul>	
<b>1</b>	<b>Head torch</b>	<ul style="list-style-type: none"> <li>• Powerful enough to move in the bush at night.</li> <li>• With spare batteries. Ideally rechargeable batteries</li> </ul>	
<b>1 pair</b>	<b>Sunglasses</b>	<ul style="list-style-type: none"> <li>• Protect your eyes</li> </ul>	
<b>1</b>	<b>Sunhat</b>		
<b>1</b>	<b>Sunscreen</b>		
<b>1</b>	<b>Wristwatch</b>	<ul style="list-style-type: none"> <li>• You need a watch even if you do not usually use one. It will be essential for on the river (on your PFD), navigating in the bush, at the crag....</li> </ul>	
<b>A set</b>	<b>Eating gear</b>	<ul style="list-style-type: none"> <li>• We encourage students not to buy fancy eating gear. Instead, use Tupperware containers or reuse 1-litre yogurt containers.</li> <li>• We will show you how to make a wooden spoon on your first tramp</li> </ul>	
	<b>Stationary</b>	<ul style="list-style-type: none"> <li>• Pens, paper, folders, notebook etc., Bring \$5 to buy a waterproof notebook</li> </ul>	

## Kayak & Raft Specific

2	Dry bags	<ul style="list-style-type: none"> <li>Choose durable products. 20L x 1, 10L x 1</li> <li>Ortlieb Classic Drybag from <a href="http://www.Kayakhq.co.nz">www.Kayakhq.co.nz</a>, NRS or similar models</li> <li>Students often organise a bulk order once they arrive at polytechnic for large dry bags.</li> </ul>	
1	Wetsuit	<ul style="list-style-type: none"> <li>Full length wetsuit</li> <li>3mm minimum</li> </ul>	
Pair	River shoes	<ul style="list-style-type: none"> <li>They need to stay on your feet while swimming</li> <li>Old running shoes and van style shoes are great.</li> <li>You may like to buy river specific shoes later in the year.</li> </ul>	
1	whistle	<ul style="list-style-type: none"> <li>Fox40 Safety Whistle.</li> <li>A standard whistle will not work.</li> </ul>	
1	River knife	<ul style="list-style-type: none"> <li>We will show you what to buy when you arrive. Expect to pay around \$20-\$30</li> </ul>	
1	Carabiner	<ul style="list-style-type: none"> <li>Carabiner for your raft flip line</li> </ul>	

## Climbing Specific

1	Nylon sewn sling	<ul style="list-style-type: none"> <li>120cm long (the sewn loop is 120cm i.e 240cm long if you cut the loop open)</li> <li>15mm wide</li> <li>Ensure you get nylon (not spectra / dyneema etc)</li> </ul>	
1	Rock climbing shoes	<ul style="list-style-type: none"> <li>Make sure they are comfortable</li> <li>Bivouac is a good store for climbing gear</li> <li>Very hard to buy once you are on the coast, get them before you get to Greymouth</li> </ul>	

1	<b>Chalk bag and chalk</b>	<ul style="list-style-type: none"> <li>Do you know someone else that is coming on the course / a climber? Buy a bag of chalk between you to save \$, you do not need much</li> </ul>	
1	<b>Prusik / accessory cord</b>	<ul style="list-style-type: none"> <li>4.5 meters of 6mm prusik cord/accessory cord</li> <li>At TPP this will be cut to make a short and long prusik.</li> </ul>	
1	<b>Nylon sling / webbing</b>	<ul style="list-style-type: none"> <li>12 meters of 15mm or 25mm webbing.</li> <li>At TPP this will be cut to make a sling for anchors and improvised harnesses and also for a raft flip line.</li> </ul>	

**You may be excluded from some field trips if you do not have the equipment listed above.**

You will be encouraged to get more of your own equipment as you become more skilled and identify future work opportunities or favourite pursuits. Further specialist equipment is required for our Diploma in Outdoor Instruction and Guiding. If you are unsure of the correct type of equipment or brands to buy, ask us.

**Optional, yet highly recommended:**

- Nose clip for kayaking (sports shop)
- Digital camera
- White water helmet (ask us, we will tell you what to buy)
- Tent or fly
- Cooking stove

You may expect to pay up to \$2,000 for equipment for the programme (on the assumption you are starting from scratch and buying new).