

**WHAT TO BRING:**

It is **VITAL** that you come prepared for winter conditions in the mountains to ensure you can take part in the course and get the most out of the course. Below is an equipment list. The **ESSENTIAL ITEMS** are identified first, and then the **MAIN EQUIPMENT LIST** follows. You'll be unable to take part if you do not have the **ESSENTIAL ITEMS**.

**ESSENTIAL ITEMS:**

1. **Boots.** Winter boots, not normal summer boots.  
B2 or B3 rated winter mountaineering boots. B1 will be too soft.  
These need to be compatible with your crampons.  
Check out the following links for more details on which boots are suitable for our winter courses:  
[www.mountaineering.scot/activities/mountaineering/winter-mountaineering/getting-started/boots](http://www.mountaineering.scot/activities/mountaineering/winter-mountaineering/getting-started/boots)  
[www.youtube.com/watch?v=6E8Kq1JQ-vw](http://www.youtube.com/watch?v=6E8Kq1JQ-vw)
2. **Crampons.** Mountaineering crampons, **NOT** micro-spikes or snow/ice grippers. The crampons need to have 2 front points, facing forwards, and at least 8 other points pointing down. These need to be compatible with the winter boots and need to fit onto the winter boots.  
[www.mountaineering.scot/activities/mountaineering/winter-mountaineering/getting-started/crampons](http://www.mountaineering.scot/activities/mountaineering/winter-mountaineering/getting-started/crampons)
3. **Ice Axe.** Walking Axe or Mountaineering Axe. Not a technical, climbing ice axe. Usually longer than 50cm, for example 55cm or 60cm in length.
4. **Waterproof Jacket**, with a hood. Not just a water-resistant or shower-proof jacket.
5. **Waterproof over-trousers.** These can be over-trousers, or salopettes- **NOT** ski salopettes. These would ideally have side zips, so they can go on/off without removing the boots. If you can't get them on without removing your boots, then they need to be on for the duration of the day.
6. **Goggles.** These could be ski-goggles, but mountaineers often use clear goggles. If you might be out during the dark, then these need to be clear, to be able to see. The goggles need to be clear.
7. **Headtorch.** Not a hand-held torch and not your phone. This needs to fit onto your head. Fully charged, or with fresh batteries – and either spare batteries, or perhaps a spare headtorch if you plan to be out in the dark. Bring a spare headtorch.
8. **Gloves.** Winter Waterproof Gloves, or mitts. An absolute minimum of 2 pairs, but ideally 3 pairs. Make sure you can get these on when your hands are cold and wet. Suggestion – put

both hands under the cold tap for a minute, then put your gloves on – if you can't do this, then they are too small. Spare gloves should be stored in a dry bag, in the rucksack.

### MAIN EQUIPMENT LIST

1. **Base layer** (thermal top). Not made of cotton. Long or short sleeve.
2. **Warm top layers + spare emergency layer.** For example, fleeces, woollen tops, soft-shell or prim-aloft, but not cotton tops. These are layers that you plan to use. The emergency layer is ideally a warm prim-aloft jacket, that is in **ADDITION** to the layers you plan to wear. All this clothing should be stored in a drybag in the rucksack.
3. **Trousers or leggings.** Warm. These are generally thicker and warmer than normal summer trousers/leggings. **NOT** ski salopettes.
4. **Winter Walking Socks.** Thicker and warmer than normal summer socks. These keep feet and ankles warm, as well as padding from stiff winter boots.
5. **Warm Hat.** For example, a beanie.
6. **Rucksack.** Perhaps 30-40 litres.
7. **Personal First Aid** – for example: blister plasters, inhalers and personal medication.
8. **Food.** Food you expect to eat, plus some extra in case the day is longer than expected - emergency snacks. Packaged so it easily fits into pockets, to make eating easier during winter days.
9. **Drink bottle(s).** Perhaps a hot flask (e.g. 500-750ml) and/or a cold drink bottle - up to 1 litre.
10. **Emergency Survival Bag.** It is good practice for everybody to carry their own Emergency Survival Bag in winter. The Instructor will have only one.
11. **Whistle.** It is good practice for everybody to carry their own whistle in winter. The Instructor will have one.
12. **Map, Compass and Map Case.** These will be available to borrow if you don't own these.

### RECOMMENDED ITEMS

1. **Fully charged mobile phone,** in a waterproof case. This could be a zip-lock sandwich bag.
2. **Watch.** It is good practice for everybody to have a watch. This is for telling the time, if your phone stops working. It's also important for navigation timings. A watch will be important to measure navigation timings.
3. **Walking Poles.** 1 or 2 – Recommended, but not essential. Based on personal preference.
4. **Gaiters.** These are optional and based on personal preference, but they do help keep warmth in and snow + water out, so they are recommended.
5. **Sunglasses.** Optional, but they do protect your eyes from the glare of the snow and make it easier to see. Consider Cat 1 or 2 or Cat 3 on sunny winter days.
6. **Suncream and Lip Balm.**
7. **Snow Shovel & Snow Probe.** If you have your own, please feel free to bring them on your course. Mountaineering Scotland have some snow shovels and snow probes, and these might be issued to people to carry for the course.