Cold Climate Engineering

The main focus of the Nordic Master in Cold Climate Engineering is to give the students a profound understanding of how the obtained specializations can be applied in jobs as researchers, consulting or practising engineers in the Arctic.

All graduates will have the ability to work within a team of experts having different international backgrounds such as education, values, language, culture, etc., and have a profound understanding of the challenging Arctic environment.

The teaching methods will include lectures, assignments, field work, laboratory work and project work. Theory is supported by experimental work and modelling, which are used intensively, and also depending on the track.

Specialization

The programme consists of three specialised study tracks:

- **Land Track**: Focus on Arctic geoengineering (DTU and NTNU)
- **Sea Track**: Focus on Arctic ships and offshore structures (NTNU and Aalto)
- **Space Track**: Focus on mapping and observing the Arctic (DTU and Aalto)

You’ll find more information on study tracks and curricula on the programmes’ own website