

Field and Methods Course at Arctic Station, Disko, Greenland, 5-16 August 2019

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The fundamental goal of the course is to enable the student to independently organize and carry out larger-scale geographic fieldwork and to be able to analyze, evaluate, document and communicate the results of a scientific study. The aims of the coming field course will be:

- 1) Active layer thickness modelling
- 2) Soil moisture modelling using high resolution DEM, NDVI maps versus field sampling
- 3) Geomorphological and ecosystem mapping

The course is designed as preparation for a Master's thesis and therefore takes place during Master's courses and prior to carrying out a Master's thesis. In this course students will gain hands-on experience in a varied range of qualitative and quantitative methods that are considered to have a broad application in both ecosystem and climate change related fields.

The course comprises three parts:

- i) block 4: theoretical and methodological studies, classroom teaching and preparation for fieldwork
- ii) between block 3 and 4: 10 days of fieldwork at Arctic Station
- iii) block 1 processing of data, report writing and possibly additional classroom teaching

The course uses the Arctic Station, University of Copenhagen, at Qeqertarsuaq as the main platform for its activities. As the quartering at Arctic Station is limited to 12 students the Faculty will shortly after 1st of December make a priority among the enrolled students. The criteria for this priority can be found on

<https://intranet.ku.dk/science/dk/uddannelse/undervisning-kurser/holdsætning/Sider/default.aspx>

The Faculty will subsidize the course, but each student might expect to have expenses for travelling at approximately 7000 dkr and 125 dkr/day for meals during the stay at Arctic Station. Students are also supposed to bring a tent, sleeping bag, kitchen equipment, wind and water proof clothes, mosquito net and hiking/rubber boots. In order to get cheap flight tickets the first information meeting will be held in Aud. C 26/10 12.15

