



# Environmental Change in the High Arctic Landscape of Svalbard

July 11 to August 6, 2016



This field-based course for undergraduate students offered at UNIS (University Centre in Svalbard) will investigate how climatic and watershed processes influence the modern glacial, fluvial, lacustrine and periglacial systems in the high Arctic setting of western Svalbard. During this field course, students will gain experience in aspects of glaciology, fluvial hydrology and sediment transport, periglacial geomorphology, physical limnology and pro-glacial lacustrine sedimentation. Students will use a network of environmental monitoring instrumentation to interpret seasonal, annual, and long-term changes in the high Arctic terrestrial system.

## Course schedule:

**Week 1** safety training , introductory lectures at UNIS and local field excursions near Longyearbyen.

**Weeks 2 and 3:** Field work based at the Isfjord Radio field station.

**Week 4:** Field work near Longyearbyen, project work at UNIS.

This course is offered as a **10 ECTS course**. Students are evaluated on a post-fieldwork presentation and final report due in late fall.

Costs: in-town housing in Longyearbyen for two weeks (est 4600 NOK), semester fee (500 NOK), lodging in field (2400 NOK).

## APPLICATION DEADLINE FEBRUARY 15, 2016

For more information and online application go to:

[www.unis.no](http://www.unis.no) and <http://www.unis.no/course/ag-220-environmental-change-in-the-high-arctic-landscape-of-svalbard/>

or contact course responsible: Mike Retelle adjunct professor UNIS, Bates College, USA ([mretelle@bates.edu](mailto:mretelle@bates.edu))

