

AB-326 ARCTIC PLANT ECOLOGY

The University Centre in Svalbard

11 July to 7 August 2011

Application deadline: 15 April 2011



Objective: To introduce the flora, phylogeography and vegetation history of the Arctic and, through practical fieldwork, to provide an understanding of plant adaptations to the Arctic environment, plant distribution and dispersal, plant-fungi symbiosis and plant community differentiation.



Content: The course will start with a week theoretical part intertwined with demonstrations during short excursions around Longyearbyen.

The second and main part of the course will be devoted to practical studies. During eight days cruise on board on Kvitbjørn we will visit different bioclimatic zones in Svalbard from the most species rich places to the polar desert. The students will work on specific projects and produce scientific reports. The course is also relevant for students focusing on alpine flora. This is a Ph.D. course, but also suitable for M.Sc. See reports from previous years on the [UNIS publication series webpage](#).

Credits: 10 ECTS

Teaching: 20 hours lectures/seminars, 10 days excursion and fieldwork

Evaluation: Graded report.

Responsible for the course: Pernille Bronken Eidesen pernillee@unis.no

Lectures given by: Pernille Bronken Eidesen, Elisabeth Cooper, Lennart Nilsen, Ingibjörg Svala Jónsdóttir, Ari Jumpponen and others

Application details: www.unis.no/studies