

Arctic Science Study Programme

– Climate, Environment and Society

Four courses focusing on Arctic Environmental Management and Society is offered for natural and social science graduate students in Nuuk Greenland during the autumn semester.

The four courses will give **YOU** a unique educational experience with connection to environmental management and research in Greenland. **YOU** will be living in Nuuk during the courses in the centre of a multi-disciplinary research environment and a thriving Arctic society. **YOU** get first-hand access to master project opportunities in Arctic topics and a possibility to explore exceptional career opportunities in Greenland.

So give **YOUR** education an Arctic angle and come join us in “Colourful Nuuk” (colourfulnuuk.com).

Environmental governance in the Arctic (10 ECTS):

The course gives you knowledge which can be used to analyze policy processes and policy instruments within environmental governance in Greenland and Denmark. As part of this, give you knowledge on the basic principles and problems within environmental economics. The theoretical parts will be illustrated with case material relevant for Greenland and interactions with local stakeholders in Greenland.

Long range transport of contaminants to the Arctic (5 ECTS):

The course gives you the knowledge of how contaminants from sources at mid-latitudes are transported to the Arctic via oceanic and atmospheric pathways for ending in the Arctic where they are available for uptake in the food web. The course covers sources, transport to and fate of contaminants in the Arctic environment as well as the effect of changes in climate and human activities. The course takes place in Nuuk but involves fieldwork outside Nuuk.

Vocational training project (5–15 ECTS):

The course gives you knowledge and experience regarding the application of biological theory and methods in solving specific tasks in a Greenlandic company or organization, working with topics within the framework of natural science. The student will in this process develop creativity, self-dependence and interpersonal skills.

Environmental Impact Assessments (EIA) in the Arctic (5 ECTS):

The course will give you the capability to assess the environmental impacts of activities in the Arctic, according to the most recent international guidelines. It will introduce you to theories and methodologies to mitigate environmental impacts and enhance local benefits of development. You will work with Arctic case studies from practice throughout the course.

In order to attend the autumn semester you should send a short (1/2 page) letter of motivation to either: Lise Lotte Sørensen (lls@bios.au.dk), Thomas Juul-Pedersen (thpe@natur.gl) or Dorte S. Schrøder (doso@natur.gl).

We can also help finding accommodation in Nuuk and help applying for funding to cover accommodation and travel cost.

Photos by: Martin Blicher, Thomas Juul-Pedersen, Dorte S. Schrøder, Bjarne Jensen, Tenna Kragh Boye, Henrik Lund and Peter Schmidt Mikkelsen