



ASP EDUCATION GOAL, STRATEGY AND PLANS

- ❖ **To ensure future generations knowledge and competences within Arctic science.**
- ❖ **To ensure an interdisciplinary Arctic education at all levels.**

Part of the Strategy to reach the goals:

Joint/interdisciplinary teaching to address students from different disciplines



2020 spring

2020 fall

2021 spring

Total of 15 students

Arctic courses on ecosystems and climate in Nuuk (partly interdisciplinary) (4 courses, 5+5+10+10 ECTS)

Arctic courses on ecosystems and climate in Nuuk (3 courses, 5+10+10 ECTS)

> 35 students

Creates a major accomodation problem

Only 1 course

Arctic courses on environmental changes, (5 courses,)

Still in planing but URGENT

Summer School (CENSArctic): In Nuuk (5 ECTS)

Nordic Master education (EnCHiL): Nordic Collaboration

ARCTIC SCIENCE STUDY PROGRAMME (ASSP)

<https://gcrc.gl/education/assp/>

Spring and autumn semesters (2x30 ECTS)

- Who are the teachers? (ASP!, so come and join)
- and who are the students? (ASP, so advertise, your students are welcome)
- We have collaboration with a new Nordic Master (EnChiL), where the students will have an eligible semester (fall)



Arctic Science Study Programme
– Climate, Environmental Management and Society

Spring semester:
Courses focusing on Arctic Climate and Society are offered in Nuuk, Greenland during the spring semester.

Autumn semester:
Courses focusing on Arctic Environmental Management and Society are offered in Nuuk, Greenland during the autumn semester.

The Arctic Science Study Programme will give YOU a unique educational experience with connection to climate research and environmental management in Greenland.

YOU will be living in Nuuk during the courses in the context of a multi-disciplinary research environment and through Arctic society. YOU get first-hand access to master project opportunities and a possibility to explore exceptional career opportunities in Greenland.

So give YOU a vacation in Arctic style and come join us in "Colours of Nuuk" holoch@nuuk.com.

To apply for the courses in the Arctic Science Study Programme (ASSP), please complete the "Student Information" form in www.gcrc.gl (education) (have to apply).

After submitting the complete form you will receive an email with details on how to proceed with registration for the courses and other practical information. We can also help finding an accompanitor in Nuuk and help applying for funding to cover accommodation and travel cost.

For more information about ASSP see www.gcrc.gl/education/assp/



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Partners:         



The courses take place in the new science education building in Nuuk.

The building also has apartments for teachers



Invitation

Officiel indvielse af ny bygning til

Center for Naturvidenskabelig Uddannelse og Grønlands Center for Sundhedsforskning



Onsdag den 29. november 2017
Pinngortitaleriffik, Kivioq 6

Program:
15:00 Rundvisning i bygningen
15.30 Overdragelse til Grønlands Selvstyre
16:00 Indvielse v. Formand for Naalakkersuisut, Kim Kielsen
Reception
17.30 Afslutning

Klaus Nygaard
Direktør

JOINT SUMMER SCHOOL UNDER THE UARCTIC UMBRELLA

We used the existing Thematic Network “Arctic Boreal Hub” (University of Helsinki) and included the Arctic Cryosphere to apply for support to develop and run a summer school.

Climate change Effects on Nature and Society in the Arctic (CENSArctic)

The goal of the project is to provide unique educational opportunities for students at the circumpolar North. Through cooperation in education, we will enhance human capacity and expand a crucial interdisciplinary knowledge in the North as well as knowledge about the North.

CENSARCTIC

Climate change Effects on Nature and Society in the Arctic (CENSArctic)

The summer school will be aimed at graduate level.

Besides the Thematic Network (Arctic Boreal Hub) CENSArctic will have a strong connection to

- ❑ the **Arctic Science Study Programme** (ASSP) master program and
- ❑ the new Nordic master **Environmental Changes at Higher Latitudes** (EnCHiL).

The course will mix natural, social and political science and the learning outcomes are:

- The student gets the basic knowledge about climate change as a scientific phenomenon, as well as about mitigating it and adapting to it.
- The student will be able to summarize changes in the Arctic nature and the effects on society, and has obtained knowledge of methodologies in social and natural sciences.
- The student is able to look at climate change from various perspectives and make connections between the environment, the economy e.g. social ecological systems and the indigenous communities.
- The student can explain what measures can be taken to mitigate climate change and how it is possible to adapt to it considering traditional knowledge.
- Students can explain both challenges, innovative solutions and new opportunities (e.g. new shipping channels, accessing previously unreachable oil and gas sources, tourism, food resources etc.) offered by climate change.

E-LEARNING MODULE

- First part of the course will be an e-learning module.
- University of Helsinki and Lund University will lead the development of the e-learning tool.
- As part of the e-learning tool Storymaps will be developed by an external company.
- Being an interdisciplinary course Storymaps will in a unique way visualize the way how environments, people, sciences and knowledge are interlaced and connected.
- The e-learning tool is being developed. Inputs are welcome.

FIELD COURSE MODULE

- ❑ Agricultural University of Iceland and GINR will lead the planning of the field course.
- ❑ In the field module we will use the nature and cultural landscapes in Greenland as an interdisciplinary research tool and connect the past with the present using Ecohistory with present and future environments.
- ❑ The field course will take place in Greenland in summer 2021
- ❑ The different parts and the themes are being developed.

PROJECT STRUCTURE

Project started: October 1, 2019

October 2019: Coordination and planning meeting during Arctic Circle on Iceland (WP1)

October 2019 – January 2020: e-learning and Storymap development (WP2)

End January 2020: Storymap finished, e-learning concept and structure finished (WP2)

February-May 2020: testing and evaluation of e-learning module at different master programmes (i.e. ASSP) (WP1)

Spring 2020: Coordination and planning meeting (WP1)

June- December 2020: planning field school (accommodation, field sites) (WP3)

End of December 2020: coordination and planning meeting (WP1) and finish field school plan (WP3)

February-April 2021: advertisement and opening of the registration (WP1)

June 2021: e-learning part starts (WP4)

August 2021: field school in Greenland and Iceland.