

ASP SUMMMER/WINTER SCHOOL

Part of ASSP

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 centre of a multi-disciplinary research environment and thriving Arctic society. YOU get first-hand access to master project opportunities and a possibility to explore exceptional career opportunities in Greenland.

So give YOUR education an Arctic angle and come join us in "Colours of Nuuk" (colours.nuuk.com).

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

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

For more information about ASSP go to www.gicr.gl/education or find us on Facebook.



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)



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Joint Nuuk spring semester for graduate students

SPRING semester 2020					
Week	0 ECTS	5 ECTS	5 ECTS	10 ECTS	10 ECTS
1					
2					
3					
4				GHG and climate effects in the Arctic (BACE group)	
5					
6					
7	Safety				
8		Sea Ice Ecology (Lars and Dorte)			
9					
10					
11			Sustainable use of living resources in the Arctic (Frank Riget, Helle Sigstad)		
12					
13					
14					
15				GHG and climate effects in the Arctic (BACE group)	
16					
17					
18					
19					
20					Arctic Marine ecosystems in a changing climate Thomas, Søren
21					
22					
23					
24					
25					
26					
27					

JOINT SUMMER SCHOOL UNDER THE ASP UMBRELLA

Meeting about ASP PhD school:

- We decided to make a strategy and a 5 year plan for developing and implementing joint PhD courses, the first one starting in 2020.
- We (Lotte) will create a Thematic network application to UArctic in order to obtain financial support for PhD courses.

Preliminary Plan for PhD courses (10 day courses)

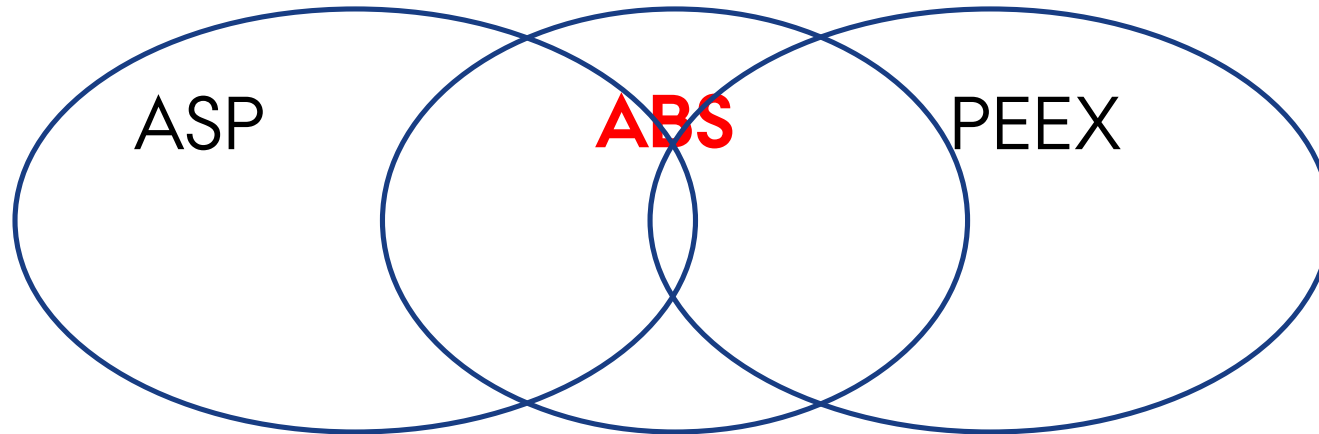
Preliminary Title: Earth systems in a changing Arctic (ESiA)....

- 1) Land - ocean interaction (2020, Nuuk)
- 2) Sea ice – marine – systems (2021, Canada)
- 3) (2022)
- 4)

JOINT SUMMER SCHOOL UNDER THE UARCTIC AND ASP UMBRELLA

Instead of developing a Thematic Network for UArctic we used the existing Thematic Network “Arctic Boreal Hub” (University of Helsinki) and included the Arctic Cryosphere.

The summer school will be aimed at graduate level and the title is now:



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

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).

We will have our first meeting for planning on Thursday here in Reykjavik

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 will be developed over winter. 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 and Iceland 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 Iceland and Greenland in summer 2021
- ❑ The different parts and the theme will be developed in the coming year. Please be active in order to have impact!

FUTURE ACTIVITIES

CENSArctic is the first summer school in a row of summer schools.

For the following summer schools we will also need to apply for Uarctic support.

- Danish and Norwegian Uarctic partners can apply for Uarctic projects and
- In the future it will be possible for Canadian Uarctic members to apply for project funding.

Next summer school: Sea Ice marine Systems (Canada 2022 or 23)?

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SUMMER SCHOOLS

1. step:

UArctic Thematic network proposal (Lotte): Arctic system Land-ocean-ice-atmosphere interaction

To use as a platform for future summer/winter school applications

Fresh- water marine interaction (including effects from marine terminated glaciers) (2023)!!

However UoM plans:

Field school in Disco bay focusing on Glacier, 2021 (Dorthe),

Field school in Cambridge bay focusing on Sea ice, 2022 (Julienne)

SUMMER SCHOOLS

2.step:

Develop new courses within the Thematic Network Arctic system Land-ocean-ice-atmosphere interaction complementing existing courses.

Aim to use the summer schools as a tool for monitoring, type of Citizen science but using students.

Same Q but different places or same place every year.

Not all need to be field courses, could also be data analysis, e-learning etc.)