



INTERESTED IN INTERNATIONAL STUDIES?

INVEST alliance offers the innovating programme

FORESTRY ADAPTATION TO A CHANGING ENVIRONMENT

Starting in Autumn 2023

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INVEST SPECIALISATION STUDIES AT KARELIA UAS

Forestry Adaptation to a Changing Environment (FACE), 60 ECTS

17.8.2023 - 31.5.2024

Karelia UAS organises Forestry Adaptation to a Changing Environment – studies in international collaboration. This specialisation provides the knowledge and skills how to cope with the challenges related to forestry in the future. Studies are aimed for 3rd or 4th year B.Sc. students and international exchange students.

Studies in Autumn:

Forestry in Europe, 6 ECTS

Future forest management, 6 ECTS

Forestry in a changing society, 5 ECTS

Carbon forestry, 5 ECTS

Diverse use of forests, 6 ECTS

Introduction to Finnish language and culture, 2 ECTS

Studies in Spring:

Graduation project 30 ECTS

Read more at:

WWW.INVEST-ALLIANCE.EU

How to apply to Karelia: <https://karelia.fi/en/how-to-apply/>
Students nominated by partner universities
should apply by 30.04.2023

Further information at Karelia UAS:
Mobility: mobility@karelia.fi
Studies: sini.rantanen@karelia.fi &
kaija.saramaki@karelia.fi



FORESTRY ADAPTATION TO A CHANGING ENVIRONMENT (FACE), 60 ECTS

INVEST SPECIALISATION STUDIES AT KARELIA UAS

17.8.2023 - 31.5.2024

Changes in the environment, such as climate change and rising demands of society have increasing impacts on the use of forests. Changing climate increases the risk of forest damage and causes challenges to adaptation of forest tree species. International and national forest policies promote the diverse use of forests for managing carbon balance, maintaining biodiversity and recreation. Otherwise, increasing need for new wood-based products to replace nonrenewable materials requires more efficient commercial use of forests. Thus, the foresters need enhanced multi-goal planning and decision-making skills.

This specialisation provides the knowledge and skills how to cope with the challenges related to forestry in the future. Part of the content is forestry in Europe, that gives perspective and background for further topics. It is essential to learn how to conduct the management of the forest due to changes in the environment, such as climate change and increasing demands of society to the use of forests. The possibilities of forests in carbon management as well as the diverse use of forests complete the knowledge provided by these studies.

Structure of studies

Autumn semester, 30 ECTS	Spring semester, 30 ECTS
<ul style="list-style-type: none"> • Forestry in Europe, 6 ECTS • Future forest management, 6 ECTS • Forestry in a changing society, 5 ECTS • Carbon forestry, 5 ECTS • Diverse use of forests, 6 ECTS • Introduction to Finnish language and culture, 2 ECTS 	<ul style="list-style-type: none"> • Graduation project 30 ECTS

Competences

As INVEST graduate, you

- understand the role and significance of forests and sustainable forestry in different countries and societies.
- understand the impacts of changing climate on forestry and forest biodiversity.
- can advise forest owners to adapt their forest management to the changing environment to increase resilience of the forests.
- can conduct forest operations and silvicultural management that are economically, environmentally and socially sustainable in a changing environment.
- understand the possibilities of forests in carbon management.
- know the demands for diverse use of forests and forest products.
- know the possibilities of wood-based products in replacing nonrenewable materials.
- are able to argue consistently in public discussion of the diverse use of forests.

Studies are aimed for 3rd or 4th year B.Sc. and international exchange students in the field of forestry or other applicable environmental sciences.



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