



Karelia

University of Applied Sciences



At Karelia UAS

4100

Students

875

Graduates

360

International
Degree
Students

323

Staff members

23

Degree
Programmes

135

Exchange
Students in a
Year



More than 100 partner institutions

International partner network includes countries in **Asia, Africa, Europe, North and South America**

Karelia UAS offers **Erasmus+, Nordplus and free mover** funding for exchange studies and internships.



Karelia UAS values

Responsibility: We are a responsible employer and university community and promote sustainable development. We continuously assess and develop our university operations. We implement an open operating culture in line with the principles of open science and research.

Pioneering spirit: We are a skilled and innovative university community. Our operating and learning environments support goal-oriented learning and the continuous development of expertise.

Working life orientation: The development of the region's working life and industry as well as promoting entrepreneurship are central to our operations. We emphasise customer-orientation, interactivity and partnership



Education at Karelia UAS

- Collaboration with **local and international companies**
- **Qualified professors and teachers**
- Combination of **various learning methods**





Teaching and pedagogics

- The curriculums and courses have competences for the substance topic but also for other skills and knowledge:
 - Transdisciplinary
 - Multicultural
 - Transversal
 - Communication
 - Problem solving skills
 - Etc.

Why North Karelia



- Finland is **the safest and happiest** country in the world
- North Karelia is in Eastern Finland – and found to be its most **social region**
- Here, you can always **be you**
- You'll be part of a **future-forward university society**
- You'll be surrounded by **innovation**
- It's the perfect choice for the whole **family**
- And...did we mention the **nature** yet?











Joensuu – the city for students

- **77 000** inhabitants
- short distances
- convenient public transport
- safe environment, low crime rate
- approx. **23 000** students
- **2** HEIs and multiple colleges
- discounts and bonuses for students



Karelia UAS campuses & locations

Science Park

- Business academy
- 120 companies



Wärtsilä campus

students of business, tourism, engineering and forestry (taught in Finnish) + International Business, Industrial Management and ICT programmes

- Laboratories and testing facilities
- Dynamo Lounge learning environment
- Student Union POKA office

Tikkarinne campus

students of physiotherapy, nursing, social work and media studies (taught in Finnish)

- Simula, simulation learning environment
- Voimala, multidisciplinary learning environment
- Media studios
- Pisara library
- Student and Admission Services
- Student Union POKA's office

Life in Joensuu

- Student housing by **Joensuun Elli**
- Shared flat for 2-4 persons **200-250 €**
- Studio **400-500 €**
- **Unfurnished**
- Laundry room, storage and **sauna**



Student lunch

The price: **2,95-5 €**

4 types of main dishes:

- Basic
- Special
- Vegetarian / Vegan
- Soup

For each dish the student can take an unlimited amount of salad, side dish and bread

Students can choose their own drinks and sauces



FORESTRY ADAPTATION TO A CHANGING ENVIRONMENT

- A new specialization study program started in August 2023, in Joensuu, Finland



The main focus of the specialisation

The specialisation provides the knowledge and skills how to cope with the future challenges related to forestry, such as climate change and increasing demands of society to the use of forests.

Megatrend topics in forestry with an international perspective



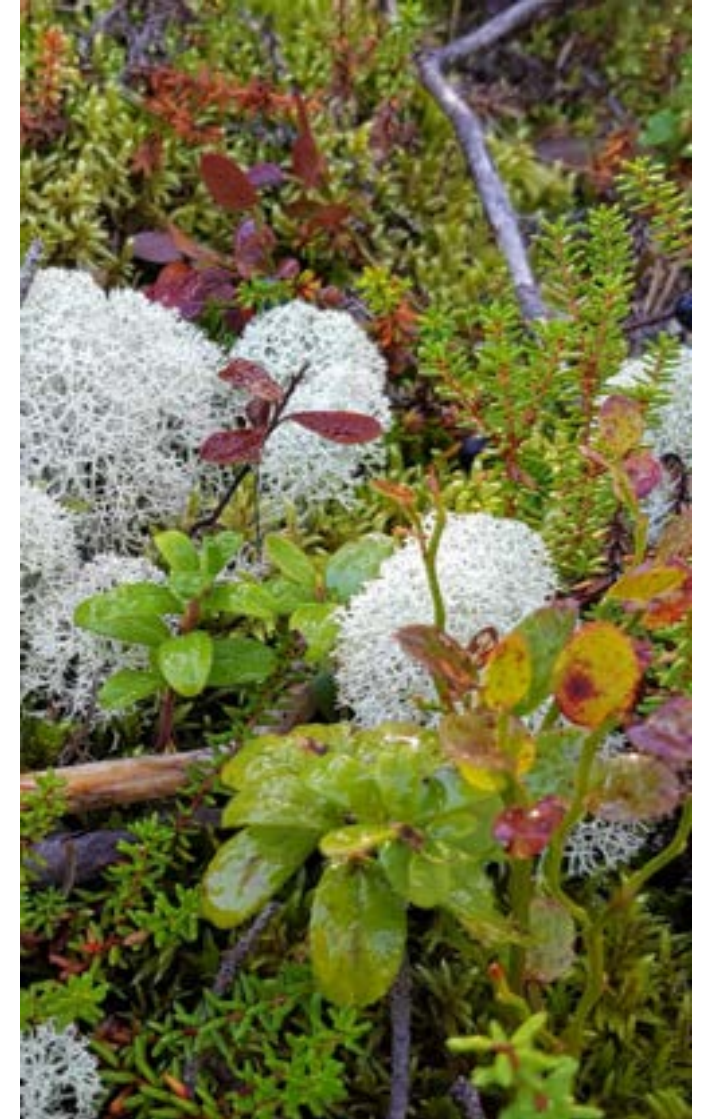
Study units

Autumn semester

- | | |
|-----------------------------------|--------|
| 1. Forestry in Europe | 6 ECTS |
| 2. Future forest management | 6 ECTS |
| 3. Forestry in a changing society | 5 ECTS |
| 4. Carbon forestry | 5 ECTS |
| 5. Diverse uses of forests | 6 ECTS |
| 6. Finnish language and culture | 2 ECTS |

Spring semester (optional)

- | | |
|-----------------------|---------|
| 1. Graduation project | 30 ECTS |
|-----------------------|---------|



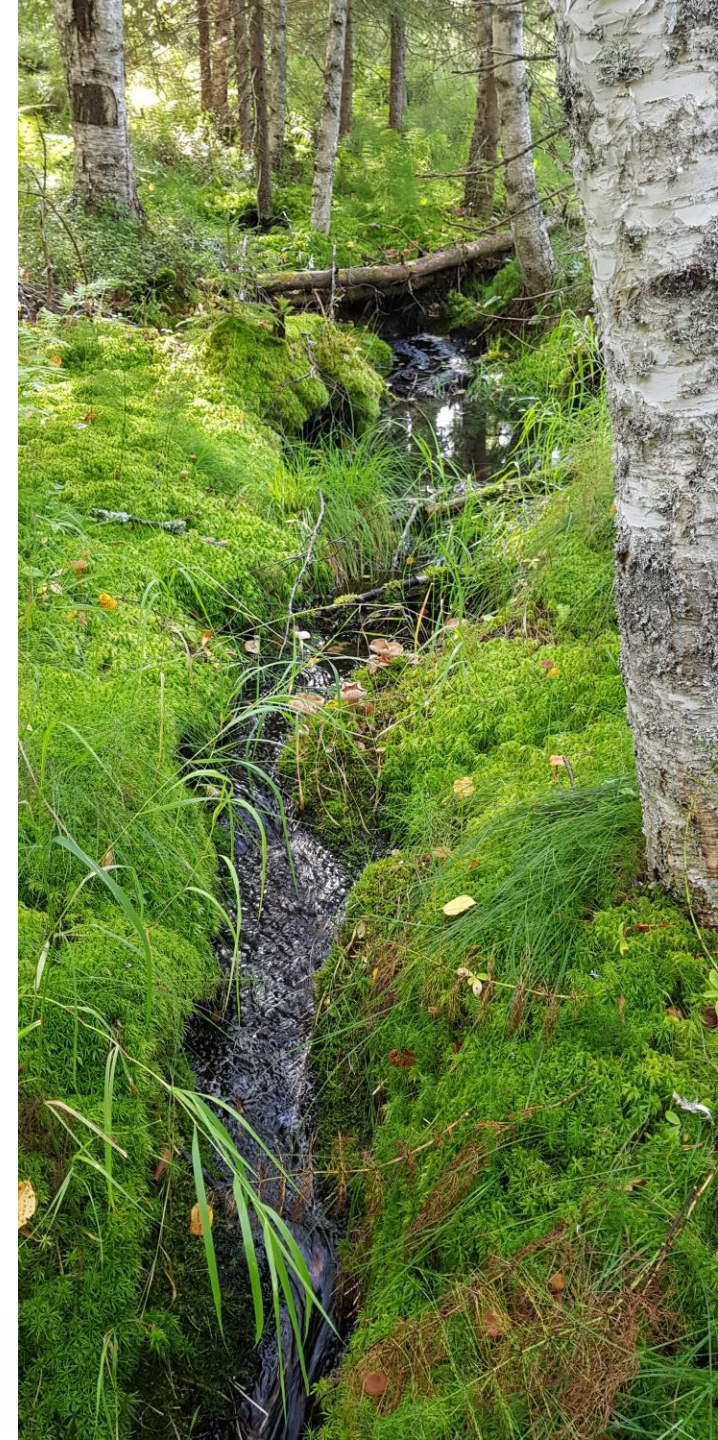
Forestry in Europe

- This study unit is about forestry in Europe. During this course you will learn about forestry in different European climatic & vegetation zones, forest resources and ownerships, forestry practices, regional challenges and European forest policy.



Future forest management

- This study unit is about current trends and changes in the environment affecting forestry. Climate warming induced increased risk of natural hazards and challenges. Adapting forests and forest operations to climate change, including tree species selection, increasing forest resilience and non-active management. Solving real life use cases in living lab co-operation.



Forestry in a changing society

- This educational unit is about current and future forest use and management based on the changing demands of society. During the course you will face the challenges of increasing involvement of various stakeholders and interest groups on forest ecosystem services. To resolve this participatory planning methods are needed to straighten out conflicting objectives.



Carbon forestry

- This study unit is about carbon in forests and what forestry measures you can take to further improve the carbon balance. The course starts with the forest carbon cycle, which includes the storage of carbon in forest products. The course continues with carbon accounting and analysing how management strategies affect the carbon sink and pool function of forests. Finally, the impact of international agreements and legislation is looked in upon.



11/15/2024



Diverse uses of forests

- This study unit is about the diverse uses of forests. The forest ecosystem services provide the framework for understanding the various forest functions. Furthermore, the current and innovative future forest-based products are discussed. The possible integration of several forest functions is planned and evaluated, and the economic value of the trade-offs are assessed.



Studying in specialisation program

- *Group size 10-30 students*
- *The main idea is to maintain a strong connection with practical forestry operators. The study units include a lot of excursions and field work, case studies with working life contacts, group work etc.*
 - *Visits and case studies will be implemented together with regional forestry professionals and organisations, such as forest industry, forest owners' association, forestry center, forest research organisations, etc.*
- *Visiting lecturers from other countries will provide viewpoints to international forestry practices.*



More information:

<https://www.invest-alliance.eu/en/Home/Texts?link=bsc05>

https://youtu.be/zod48t9Zv_w?si=iTDSnLdkgTGi1J1l

<https://www.karelia.fi/wp-content/uploads/2024/09/Karelia-information-sheet-2024-2025-.pdf>

<https://www.karelia.fi/en/new-students/exchange-students/>

<https://www.karelia.fi/wp-content/uploads/2024/01/Sustainable-communities-in-energy-transition-2024-2025.pdf>

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