

Norwegian University
of Life Sciences

Vision: Knowledge for Life

The Norwegian University of Life Sciences is already a hub of expertise within the life sciences, environmental sciences and in the arena of sustainable development.

5000 Students

1700 Employees

64 Studyprogrammes

- [University council](#)
- [Faculties and Departments](#)
 - [**Faculty of Environmental Science and Technology**](#)
 - [Departments](#)
 - [Department of Ecology and Natural Resource Management](#)
 - [Department of Environmental Sciences](#)
 - [**Department of Mathematical Sciences and Technology**](#)
 - [**Faculty of Social Sciences**](#)
 - [Departments](#)
 - [International Environment and Development Studies](#)
 - [Landscape Architecture and Spatial Planning](#)
 - [School of Economics and Business](#)
 - [**Faculty of Veterinary Medicine and Biosciences**](#)
 - [Departments](#)
 - [Department of Animal and Aquacultural Sciences](#)
 - [Department of Basic Sciences and Aquatic Medicine](#)
 - [Department of Chemistry, Biotechnology and Food Science](#)
 - [Department of Companion Animal Clinical Sciences](#)
 - [Department of Food Safety and Infection Biology](#)
 - [Department of Plant Sciences](#)
 - [Department of Production Animal Clinical Sciences](#)

Section for Learning and Teacher Education

- **Teacher Education for scientific and mathematical subjects - master (5 years program) - LUR**
- The programme qualifies for teacher positions in the primary, secondary and upper secondary school within the subjects: physics, chemistry, microbiology, biology, mathematics.
- 160 credits in subject nr 1
- 60 credits in subject nr 2
- 60 credits in pedagogy and teaching theory in science subjects
- 100 days of teaching practices in university schools
- **Teacher Education for Agriculture, Fishery and Forestry subjects - 2 years master – as a program for study under LUR.**

About 100 activ students.

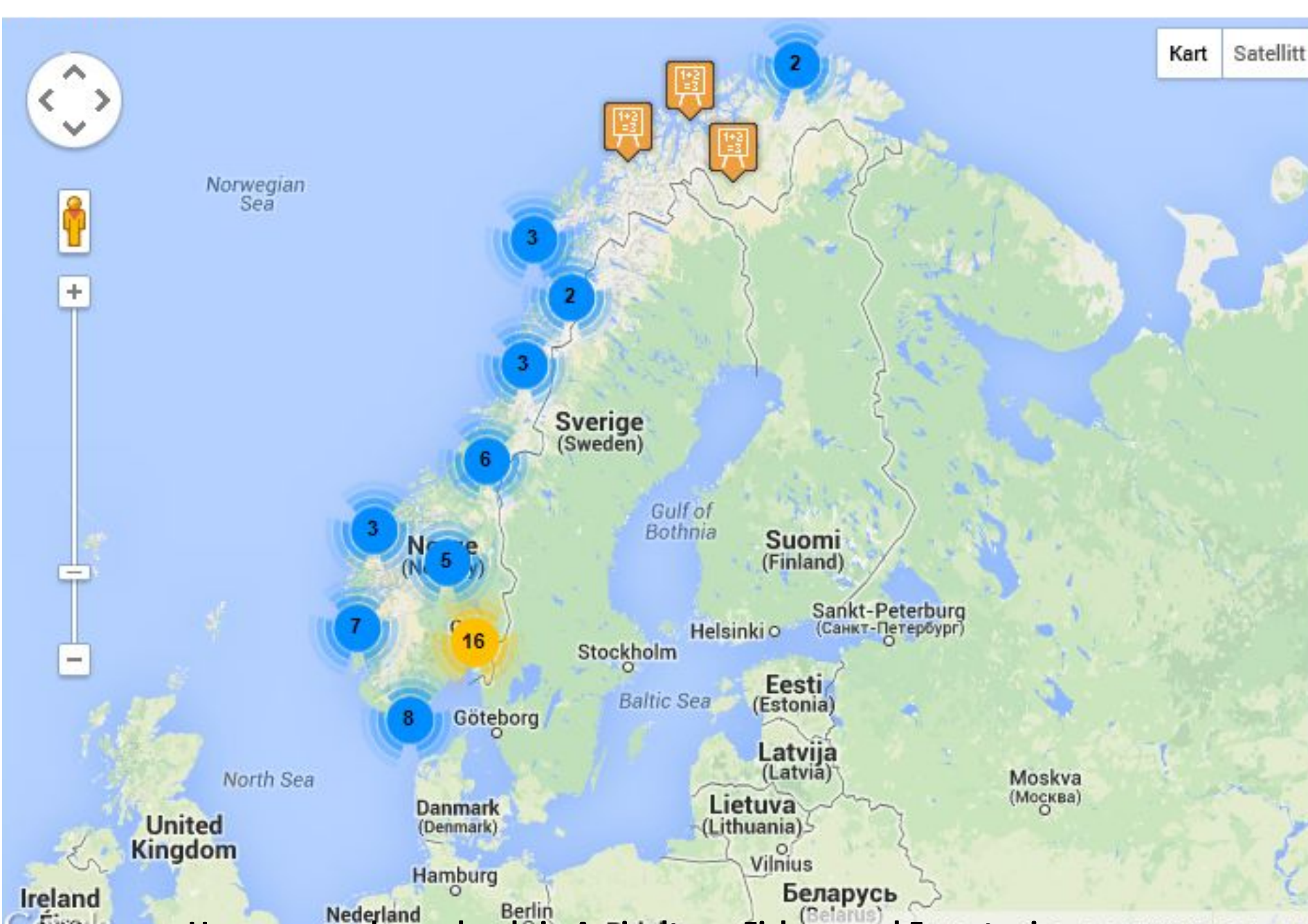
- **One – year Practical-pedagogical Teacher Education (part-time and full-time) - 60 credits.**

The students need one subject in:

- **Scientific and mathematical subjects**
- **Agriculture, Fishery and Forestry subjects**

Admission requirements: Students need bachelors and / or professional experience and training equal to a bachelor.

About 130 activ students



Upper secondary schools in Agriculture, Fishery and Forestry in Norway

Example: Minimum Mathematical competence and Pedagogy in The Teacher Educations in Norway

		Primary 1- 7		Secondary 5 - 10		Upper secondary school	
Math.		vg1		vg1		Vg1	vg1
Math.		Vg2		Vg2		Vg2	vg2
						vg3	vg3
		Teacher Eucation – 4 years		Teacher Education – 4 years		Teacher Education – 5 years	
	30 sp	Math and didactics		Math. And didactics		Math.	
	30 sp						
	30 sp	Pedagogy		Pedagogy		Math. didactics	
	30 sp					Pedagogy	

Promotion of the status and quality of teachers – joint effort for a modern school of knowledge is a government programme to create schools where students learn more



Key elements of the programme

Research and education are top priorities for the government, and the programme includes a number of measures to further improve schools:

- All students should experience teachers who have specialised in maths, English and Norwegian

- Teachers (1-7, 5-10) will do a 5-year Master's degree**

- Students will need a higher mark in maths to go into teaching

- Record investment in continuing education for teachers (1,2 billion a year)**

- New career paths for teachers will be piloted

- Building up the skills of counties, municipalities and head teachers in order to create a knowledge-rich education system

- Building teams and strong subject-based communities within schools

The Norwegian education system 2015

ISCED¹
2011

