

HELSINGIN YLIOPISTO HELSINGFORS UNIVERSITET UNIVERSITY OF HELSINKI



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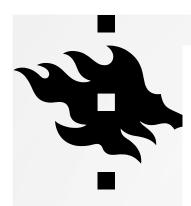


# LUMA CENTRE FINLAND

LUMA Centre Finland is an umbrella organization for LUMA Centres in Finnish universities and university campuses to strengthen and promote their collaboration on national and international level.

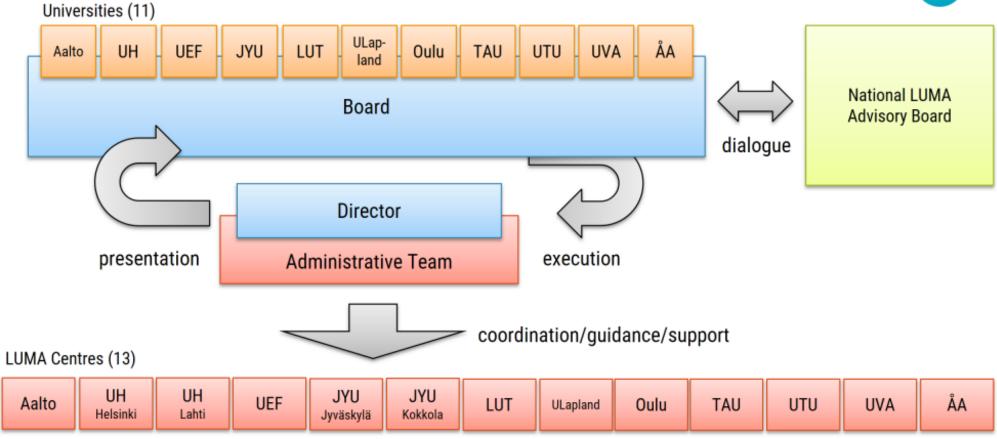
The University of Helsinki leads/coordinates the network.





#### **Administration of the LUMA Centre Finland**





TEACHERS, UNIVERSITIE **STUDENT TEACHER** S **COUNSELLOR STUDENTS** S.PRINCIPALS TEACHER EDUCATORS RESEARCHERS AND **DEVELOPERS OF EDUCATION** COLLABORATIV OTHER RESEARCHERS LUMA **MEDIA ECOSYSTEM EDUCATIONAL PUBLISHERS BUSINESS** SECTOR **EDUCATIONAL** SCIENCE **ASSOCIATIONS CENTRES** 

CHILDREN, YOUTH, GUARDIANS "Together We Are More"

**LIBRARIES** 

YOUTH CENTRES

EDUCATION
ADMINISTRATION OF
THE MUNICIPALITIES

FINNISH NATIONAL AGENGY FOR EDUCATION

MINISTRY OF CULTURE AND EDUCATION

MUSEUMS



## NATIONAL LUMA-ADVISORY BOARD

- Discussion forum that advices board of LUMA Centre Finland
- Meetings twice a year
- Representatives from different collaboration partners and stakeholders
  - Ministry of Education and Culture
  - Finnish National Agency of Education
  - Teacher union
  - Business sector representatives
  - Private sector



## SCIENCE EDUCATION CENTRE

#### **Steering group**

-decision making; strategies, yearly work plans

#### **Director**

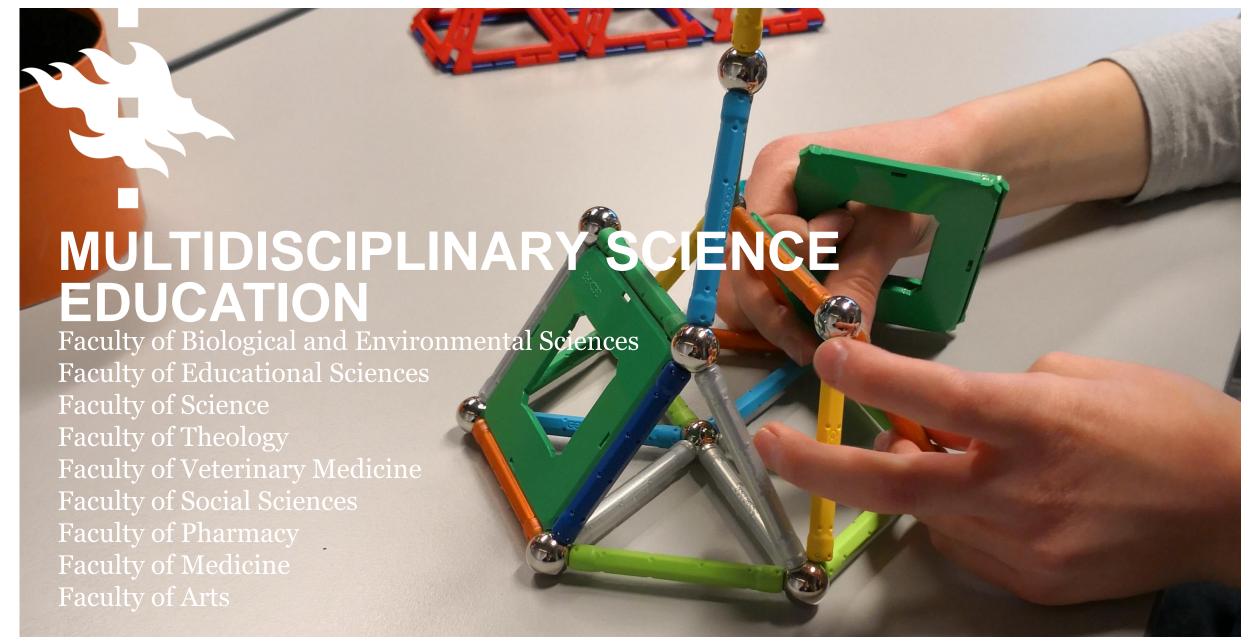
- leading and supervising work plan execution

Science education expert

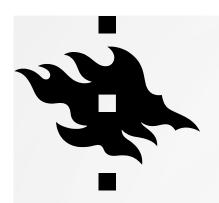
-planning, preparing and reporting

#### **Coordinators from different faculties**

- coordinating day to day activities



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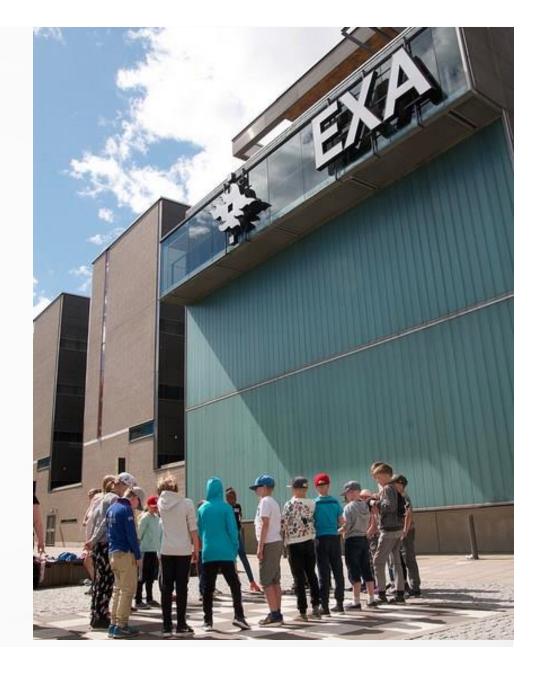
## STEM TEACHER EDUCATION STRUCTURE IN UNIVERSITY OF HELSINKI

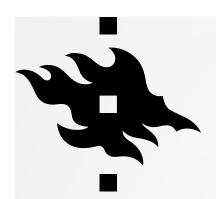


TEACHER TRAINING SCHOOLS

**SCIENCE FACULTIES** 

EDUCATIONAL SCIENCE





# TEACHER EDUCATION STRUCTURE BACHELOR'S PROGRAMME

The Bachelor's programme comprises 180 credits, which can be completed in three years, in accordance with an approved personal study plan.

- 80 credits of basic studies in chosen study track: Chemistry, Mathematics, or Physics
- 15 credits of didactical studies
- 60 credits of other teaching subject
- 15 credits of mandatory common studies: Academic skills, ICT, ICT in teaching, career orientation and professional skills.
- 10 credits of language studies: 4 credits of academic English and 3 credits of Finnish and 3 credits of Swedish at an advanced

# TEACHER EDUCATION STRUCTURE MASTER'S PROGRAMME

Master's programme comprises of 120 credits, which can be completed in two years, in accordance with an approved personal study plan.

- 60 credits Advanced studies (mathematics, physics, or chemistry) including Master's thesis 30 credits
  - 30 credits Didactical studies
  - 30 credits Master's thesis
- 60 credits Pedagogical studies (Faculty of Education)



## PEDAGOGICAL STUDIES - 60 CREDITS

2 credits Research-based teacher - Didactics

5 credits Learning psychology

10 credits Planning, implementing and assessing teaching

10 credits Basic training

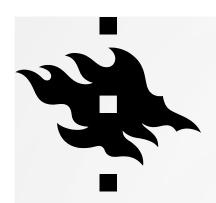
5 credits Societal, cultural and philosophical basis of education

5 credits Supporting learning and well-being

5 credits National core curriculum and improving schools

8 credits Research-based teacher

10 credits Advanced training



# TEACHER TRAINING SCHOOLS

Teacher training schools or Normal schools are a **compulsory part of Finnish subject teacher education**. The training at school is divided into two part. First part focuses on the school as a learning environment. The second part focuses on grading, group management and different teaching methods.

During the training period, **in-service teachers observe**, **guide and support** the pre-service teacher. The lesson plans are made together with the supervising teacher and other pre-service teachers offer **peer-feedback** about the training.





### HTTPS://WWW.HELSINKI.FI/SITES/DEFAULT/FILES/ATOMS/FILES/ISBN-978-951-51-4089-0.PDF

