

The detailed objectives in the curriculum

NATURE AND MAN

Students learn about and experience:

- different biotopes through the seasons
- basic processes in nature
- man's place in nature
- perspectives on history and culture for outdoor activities
- field methodology
- simple life in nature according to weather

CHILDREN – MOVEMENT - NATURE

Students learn how to:

- stimulate children to be curious and explore freely and to enjoy nature
- plan and assess safe outdoor life in every season
- use natural materials in play
- understand children's culture and gender roles
- plan activities that stimulate motor development

THE OUTDOOR AREA AND LOCAL ENVIRONMENTS OF PRE- AND PRIMARY SCHOOLS

Students will:

- survey and assess outdoor areas in local environment
- make natural playgrounds and understand how these can be tied to curriculums
- identify the most common local plant and animal species
- assess safety and risk in outdoor playgrounds

Contact information:

Anne Kristiansen

E: ank@uin.no



UNIVERSITY OF
NORDLAND

www.uin.no

Information about the course Outdoor Life and Science

Supplement to poster
**Outdoor Studies in the Sub-Arctic:
How to grow robust teachers on
trees?**



Can we train pre- and primary school teacher students to be confident professional facilitators for children's learning in and about nature?

**Anne Kristiansen, Ass. Professor, Faculty of Professional Studies
University of Nordland, Norway**

Information about

Outdoor Life and Science Studies, 30 ECTS

University of Nordland offers **Outdoor Life and Science** for pre- and primary school teacher students. This interdisciplinary course focuses on the integration of the subjects physical development and the natural sciences. Its main philosophy is that secure adults will act as inspiring role models and create better learning opportunities for children.

The students are taught to master the outdoors and see possibilities for learning activities in all four seasons. Place based learning is an important approach on how to utilize the local environments. During the course students experience how natural and cultural landscapes can give authentic learning situations and thus increase quality in interdisciplinary outdoor teaching. Children from local pre- and primary schools are invited to participate in learning activities planned by the students.

After the course the students should have both practical skills and professional knowledge of natural science, physical development and how children play in nature.

Norwegian National Curriculum (2003) for Outdoor Life and Science Studies (30 ECTS)

Main objectives

NATURE AND MAN

- This theme focuses on an ecological understanding of how nature works, different life forms, life processes and basis for life on earth.
- Humans are part in the global ecological systems, and human relationship with nature is key.
- Experience with movement in nature, understanding and insight in eco philosophy and Sami culture is important.

CHILDREN – MOVEMENT - NATURE

- Children can acquire basic experiences and skills by playing and learning in and with nature.
- Nature represents a playground which can stimulate children's senses and motoric development, creativity, wondering and wish to explore.
- Active, participating and value conscious adult role models are necessary for progression and holistic development and learning.

THE OUTDOOR AREA AND LOCAL ENVIRONMENTS OF PRE- AND PRIMARY SCHOOLS

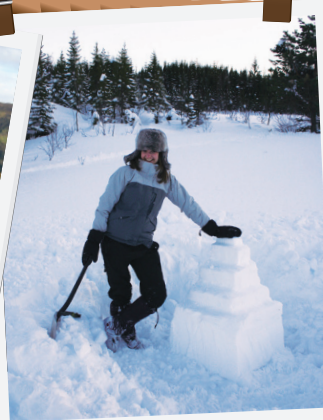
- Exploration and use of the environment give opportunity to seek challenges in different elements in nature and opportunity to sense, discover, experience and master nature.
- Children need versatile physical stimulation in order to have the best possible development. It is important to be able to assess an outdoor area and have knowledge about utilization.



Enacting Little Red Riding Hood



Mastering the canoe



Creating land art



Tasting nature



Exploring the sea shore



Making a dream catcher