**Ecology and Conservation** Study program of 30 ECTS credits, mid August to mid December Hedmark University College, Norway



Hedmark University College Campus Evenstad Situated in a marvellous landscape of forests, mountains and lakes, Evenstad offers students interested in natural ecosystems and outdoor recreation a great platform for study. Thanks to an active research environment with an international reputation, courses are updated with the latest findings. Curious? Find out more about Evenstad and our study programs, including application form, on the English web sites of www.hihm.no. Or send an e-mail to international@hihm.no



# The study program in Ecology and Conservation aims at introducing students to:

- Ecological theory with special emphasis on conservation, biogeography, evolutionary biology and population dynamics
- Existing conflicts between man and the environment on a global perspective
- Current issues and scientific methods in ecology and wildlife research



# **Evolution (5)**

How does evolution theory affect modern ecology? Principles of natural selection, speciation, macroand microevolution, genetic drift, modern phylogenetics.



# Biogeography (5)

What determines the global distribution of species? You will learn about speciation, glacial periods, continental drift, and other historical and present ecological factors.



### Conservation biology (5)

What recent threats are populations and habitats exposed to? You will acquire methods to study and manage small threatened and decreasing populations.



### Population dynamics (5)

What are the mechanisms behind population growth and fall? Learn about birth-, death- and migration rates. You will be introduced to population modelling.



**Practice in Wildlife Research (10)** You will take part in wildlife research projects and go through the process of planning, fieldwork, database management, data analysis, literature search and report writing.



#### Norwegian language (5)

Did you ever wonder about how to pronounce å, æ, and ø? You will learn to read and communicate in Norwegian, and you will learn about Norwegian cultural peculiarities.