



# Studieplan 2009/2010

## Nordic Forestry and Wildlife Management

**Studiepoeng: Arbeidsmengde i studiepoeng er: 30.**

### Studiets varighet, omfang og nivå

The study is a full time basic study at the bachelor level extending 5 months and consisting of 30 ECTS credits. The study is given each spring (from mid-January to mid-June).

The study may be used as part of a bachelor degree.

### Innledning

The last years the Faculty of Forestry- and Wildlife Management at Hedmark University College has received an increased attention from international students. In addition to students from the Nordic countries that follow our bachelor-programs, we host international students doing a practical stay in research programs, or that follow our courses taught in English during the spring. The last years we have hosted students from Germany, USA, Spain and Slovakia from 3 weeks up to 1 year.

Here we describe an international study program consisting of 30 ECTS credits in Nordic Forestry- and Wildlife Management taught in English during spring. The present spring (2005) we taught 7 students (Slovakia, USA and Germany) 4-5 courses in English yielding a total of 20-25 ECTS credits.

There is a strategy at the faculty to increase study programs taught in English, and to increase internationalisation in the student environment. The courses in the present study program will thus be given partly as separate courses taught in English for international students, and partly in combination with our national students in courses given in the bachelor programs (topics given both with international and national students will be presented in English).

An international environment improves the quality of our studies, and the English competence



among students and lecturers significantly, which is desirable as English is the scientific language in our disciplines. It also increases the social environment at the faculty substantially as international students always are present at the faculty and take part in various arrangements.

### **Læringsutbytte**

The Faculty of Forestry and Wildlife Management aims at offering studies related to the sustainable utilisation of forest and outland areas in interior ecosystems with an institutional area of commitment called 'Green values'. With Green values we highlight the significance of nature not only as an economic resource, but also for the wellbeing of humans and the inherent values of biodiversity. Within our area of commitment we sharpen the research at the faculty within the area of applied ecology. It is the faculty's objective to be actively involved in research programs addressing the applicability of ecological science. It is also the faculty's strategy to increase internationalisation through student exchange programs, increased and improved level of courses taught in English and cooperative research programs with international institutions.

The study program in Nordic Forestry- and Wildlife Management aims at introducing students to:

- The Nordic view in management of forests and wildlife;
- Existing conflicts between man and the environment in the interior landscapes of the Nordic countries, with regard to environmental issues, husbandry, economics and rural development.
- Current issues and scientific methods in forestry- and wildlife management.

### **Målgruppe**

We primarily target international students and professionals that have a dedicated interest in wildlife and the interaction between man and the environment. Herein we target international professionals that will extend their competence to Nordic environments.



## **Kompetanse**

In combination with other studies that complete a bachelor degree, Nordic Forestry- and Wildlife Management will improve the students' ability to apply occupations within forestry and wildlife management, and in particular such occupations with an international perspective.

## **Opptakskrav fritekst**

To enter the study it is required that the student can confirm to have fulfilled at least one year

## **Undervisnings- og læringsformer**

Teaching will be in the form of lectures, practice in the field and seminars. Students are expected to take part in the organisation of seminars and collaborative work in study groups.

## **Vurderingsformer**

See description of courses below.

## **Internasjonalisering**

The present study is part of the faculty's international programme. Students may participate in the course International Nature Management which organises study trips abroad. No further international stay will be arranged.

## **Studiets innhold, oppbygging og organisering**

We offer various courses that can be combined to complete the present study program of 30 ECTS (see below). However, except Practice in Applied Ecology, and Introduction to GIS we require at least 6 applying students before we offer the individual courses.

Students may choose from the following courses (5 ECTS each):

- Wildlife Management
- Carnivore ecology and management
- Nordic ecosystems and nature guiding
- Silviculture



- Freshwater fishery ecology
- Forest engineering
- Practice in applied ecology

## Forest

## Emner

*Studiepoeng* År 1 År 2 År 3

- [Nordic ecosystems](#)  
5 studiepoeng
- [Silviculture and forest management](#)  
5 studiepoeng
- [Ecology of freshwater fisheries](#)  
5 studiepoeng
- [Wildlife management](#)  
5 studiepoeng
- [Carnivore ecology and management](#)  
5 studiepoeng
- [Bioenergy](#)  
5 studiepoeng
- [Norwegian language](#)  
5 studiepoeng



# Emneoversikt

## 6SU191 Nordic ecosystems

**Emnekode: 6SU191**

**Studiepoeng: 5**

### **Språk**

Engelsk

### **Forkunnskaper**

### **Læringsutbytte**

The student should acquire basic knowledge of Nordic climate, geology and geomorphology, vegetation and historical landuse.

### **Innhold**

Nordic climate, geology and geomorphology, vegetation and historical landuse.

### **Organisering og arbeidsformer**

Lectures and excursions.

### **Vurderingsordning**

Oral exam. Grading according to ECTS-system on scale A – E for passed, and F for failed.

### **Ansvarlig avdeling**

Avdeling for skog- og utmarksfag



## **6SU192 Silviculture and forest management**

**Emnekode: 6SU192**

**Studiepoeng: 5**

### **Språk**

Engelsk

### **Forkunnskaper**

### **Læringsutbytte**

The students should get an introduction in Norwegian silviculture

### **Innhold**

The forest as a basis for industry, forest management, forest products and various practices in Scandinavia in silviculture

### **Organisering og arbeidsformer**

Taught in English. Lectures and practice in the field.

### **Vurderingsordning**

Semester paper with presentation (25%) and oral exam (75%). Grading according to ECTS-system on scale A – E for passed, and F for failed.

### **Ansvarlig avdeling**

Avdeling for skog- og utmarksfag



## **6SU193 Ecology of freshwater fisheries**

**Emnekode: 6SU193**

**Studiepoeng: 5**

### **Språk**

Engelsk

### **Forkunnskaper**

### **Læringsutbytte**

The students should acquire an overview in Nordic freshwater systems as a basis for sustainable use of freshwater resources

### **Innhold**

Freshwater ecosystems, water quality, organisms in freshwater, fish as an economic resource.

### **Organisering og arbeidsformer**

Taught in English. Lectures, practice in the field and in the lab.

### **Vurderingsordning**

Oral exam. Grading according to ECTS-system on scale A – E for passed, and F for failed.

### **Ansvarlig avdeling**

Avdeling for skog- og utmarksfag



## **6SU194 Wildlife management**

**Emnekode: 6SU194**

**Studiepoeng: 5**

### **Språk**

Engelsk

### **Forkunnskaper**

### **Læringsutbytte**

The students should acquire an overview of wildlife management and the ecology of species with an economic value in Norway.

### **Innhold**

The society and wildlife, wildlife and a changing landscape, population dynamics, laws related to wildlife management.

### **Organisering og arbeidsformer**

Taught in English. Lectures, seminars and individual reports.

### **Vurderingsordning**

Oral exam. Grading according to ECTS-system on scale A – E for passed, and F for failed.

### **Ansvarlig avdeling**

Avdeling for skog- og utmarksfag





## **6SU195 Carnivore ecology and management**

**Emnekode: 6SU195**

**Studiepoeng: 5**

### **Språk**

Engelsk

### **Forkunnskaper**

### **Læringsutbytte**

The students should get an introduction to the theory and practice related to carnivore ecology and management

### **Innhold**

Main emphasis on brown bear, wolverine, wolf and lynx. Conservation biology, and management of large carnivores, laws and conflicts with man.

### **Organisering og arbeidsformer**

Taught in English. Lectures, seminars and field courses

### **Vurderingsordning**

Oral exam. Grading according to ECTS-system on scale A – E for passed, and F for failed.

### **Ansvarlig avdeling**

Avdeling for skog- og utmarksfag



## **6SU198 Bioenergy**

**Emnekode: 6SU198**

**Studiepoeng: 5**

### **Språk**

Engelsk

### **Forkunnskaper**

### **Læringsutbytte**

Use of bio energy in Nordic countries. Biological, technical and economic frameworks. Transport and logistics. Market knowledge. Case studies of local and regional development projects.

### **Innhold**

Energy from biomass, forest areas in an energy setting, forest management for energy, use of bio energy in Scandinavia.

### **Organisering og arbeidsformer**

Around 30 hours of lectures, seminars and presentations of selected topics.

### **Vurderingsordning**

Semester paper with presentation (25%) and oral exam (75%). Grading according to ECTS-system on scale A – E for passed, and F for failed

### **Ansvarlig avdeling**

Avdeling for skog- og utmarksfag



## **6SU202 Norwegian language**

**Emnekode: 6SU202**

**Studiepoeng: 5**

### **Språk**

Norsk

### **Forkunnskaper**

### **Læringsutbytte**

The students should become comfortable with Norwegian life style and communication in Norwegian.

### **Innhold**

Introduction to Norwegian culture and language. Language training.

### **Organisering og arbeidsformer**

Taught in Norwegian. Lectures and seminars.

### **Vurderingsordning**

Oral / written exam. Grading according to ECTS-system on scale A – E for passed, and F for failed.

### **Ansvarlig avdeling**

Avdeling for skog- og utmarksfag