

A NEW BACHELOR EDUCATION PROGRAM IN EQUINE SCIENCE IN NORWAY

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Equine education 1

(horse network workshop)

WHO WANTS TO STUDY EQUINE SCIENCE (wanting an bachelor education or higher)?

- **Managers of stables and equine centres.**
- **People wanting to set up their own horse enterprises as a business**
- **Trainers and riders wanting an academic degree**
- **Young people just genuine interested in horses**
- **Riders that want to combine education as a rider (at the National Equine Centre) with academic education.**

WHY A SEPARATE BACHELOR PROGRAM IN EQUINE SCIENCE?

- *There is an urgent need for more knowledge and more education for people working in the equine industry.*
- *There are an increasing interest from young people in studying equine topics*
- *The traditional agriculture is playing an increasing role in food production, stabling, caring for and handling of the growing urban horse industry*
- *The traditional agricultural sciences should play an even more important role than at present in knowledge transfer into the horse industry.*

What type of bachelor-program do we offer:

1. *A regular applied BSc program to serve the horse industry.*
2. *As a high proportion of our first year students already have indicated that they want to continue on to a master program, we have made an alternative plan including the general topics to be qualified for a master education in animal science (we do not offer a separate master education in equine science).*
3. *We would like our students to take one semester abroad, therefore one alternative plan opens for that.*
4. *Finally, we have made one plan where students can combine the education with riding instructor, level 1, at the National Equine Centre.*

SO : HOW IS THE BACHELOR EDUCATION BUILT UP??

Courses included in the educational program (1)

- *10 etc Ex. Phil*
- *65 etc equine science and animal science*
- *20 etc applied topics where parts of the education is at the National Equine Centre. (however the University is responsible for the education). In these blocks we teach*
 - *Reproduction*
 - *Applied breeding, conformation, shows, studbooks*
 - *Horses in tourism and therapy*
 - *Horses production as an industry*

Courses included in the educational program (2)

- ***25 etc in economy and establishment of enterprises (general theory)***
- ***10 etc in nature and health***
- ***35 etc mandatory courses***
- ***15 etc bachelor thesis***
- ***TOTALLY 180 ETC***

Bahelor-program

År	Semester	5 stp	5 stp	5 stp	5 stp	5 stp	5 stp
3	Vår	BACHELOROPPGAVE			HFH 251-B	BUS 271	
	Januar	STAT 200					
	Høst	HFH 251-A		HFA 200/HFE 200/HET 201			
	August	AOS 230					
2	Juni	HFH 250					
	Vår	BUS 200	HFX 220		HFX 201		
	Januar	HFH 150-D					
	Høst	HFH 150-B	HFH 150-C	STAT 100			
	August	AOS 130					
1	Juni	HFH 150-A					
	Vår	HFX 130-4	HFX 130-5	HFX 130-6	HFH 200	BIO 120	
	Januar	HFX 130-3					
	Høst	HFX 130-2	PHG 112		BUS 100	PHI 100	
	August	HFX 130-1					

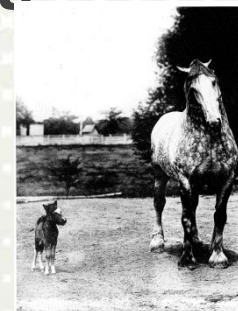


Additional obligatory disciplines include:

- **The three basic disciplines breeding/genetics, nutrition and etology and how these disciplines can be implemented in different enterprises:**
 - **Calculation of nutritional requirements and feeding plans**
 - **The elements of a breeding plan and how to make breeding plans**
 - **The theoretical basis for better horse management and horse welfare**

Within the animal science sector the courses include:

- **The three basic disciplines breeding/genetics, nutrition and etology and how these disciplines can be implemented in different enterprises:**
 - **Calculation of nutritional requirements and feeding plans**
 - **The elements of a breeding plan and how to set up breeding plans**
 - **The theoretical basis for better horse management and horse welfare**
 - **The value of horse breeds as genetic resources**



Outside the animal science disciplines, important theoretical topics are:

- **Managerial economics**
- **Managerial accounting and budgeting**
- **Introduction to organization theory; organization and leadership psychology, business start-up**
- **Nature and life-quality use of animals**
- **Knowledge of plants, forests and landscape value**

Capacity and demand in the horse industry:

- **Our capacity is 20 new bachelor students/yr**
- **The first students have started their second year these days**
- **We don't know how many who will go abroad for a semester or how many who want to go for a master, however, most of them seem to be interested in the latter. IF so the profile of our bachelor is a bit too applied.**
- **What type of employment or enterprices the candidates really will get into is still to be seen.**

Capacity and demand in the horse industry-2

IT IS TO BE SEEN IF THE HORSE INDUSTRY SEE THEIR OWN NEEDS FOR INCREASING KNOWLEDGE AN EDUCATION ALONG WITH THE INCREASING IMPORTANCE OF THE HORSE INDUSTRY AND IN ORDER TO DECREASE THE KNOWLEDGE GAP BETWEEN THE HORSE AND THE OTHER FARM ANIMAL SPECIES



Foto: Norsk Hestesenter/K. Bostad

THANK YOU