

PhD/MSc course: Biological consequences of selection, 19-23 August 2019

Teachers:

Roel Veerkamp, Professor, Wageningen University
Odd Vangen, Professor, NMBU
Lotta Rydhmer, Professor, SLU
Nicolas Friggens, Directeur d'Unité, AgroParisTech
Elise Norberg, Head of Department, NMBU

Course organizer:

Peer Berg, Professor, NMBU – PhD
Geir Steinheim, Forsker, NMBU - MSc

Course topics

- Ethical aspects of animal breeding
- Growth and development – genetic scaling (Taylor)
- Maternal effects, social effects and group selection
- Genetic variation of behavioural traits
- Genotype x Environment interactions
- Robustness, trade-offs and adaptive capacity
- Modelling and genetics of feed efficiency

Practical information

This course will be organised as a joint PhD/MSc course. The students will to a large degree follow the same lectures, but material for preparation and assessment of the course will differ between the PhD (5 ECTS) and the MSc (5 ECTS) course.

Venue:

The course will take place 19-23 August 2019 at Hafjell Hotel & Apartments (<http://www.hafjellhotell.no/>), Hundervegen 33, 2636 Øyer, Norway. The course program starts 08.30 on Monday, however, rooms and meals are organized from Sunday evening. Therefore, we recommend that you book your travel so you arrive Sunday afternoon.

Transport:

Hafjell/Øyer is located about 200 km north of Oslo. Oslo Airport Gardermoen (about 55 km north of Oslo) is the closest airport and there are trains going to Lillehammer (see <https://www.vy.no/en>) (the nearest city of Hafjell/Øyer) from Oslo city or Oslo Airport every hour. It takes about 1 hour and 50 minutes and there are busses from Lillehammer to Øyer Sentrum (<https://www.opplandstrafikk.no/rutetider/region-og-skoleruter/200-lillehammerregionen/> Plan will be updated before the course)

Course fees and cost of accommodation and meals:

There is no course fee.

NOVA/BOVA students taking the course as a M.Sc course, can apply for NordPlus funding. Please contact your local NordPlus coordinator to apply for that. Contact information:

<https://www.nmbu.no/en/students/nova/nordplus/local-nordplus-coordinators>

NOVA/BOVA PhD students must cover the cost for accommodation, which is 300 EURO for the whole course in a double room or 400 EURO for accommodation in a single room. This includes 5 nights from Sunday 18 August and should be paid directly to the hotel at departure. For non-NOVA/BOVA students and other students/participants, the total cost for accommodation and meals is 450 EURO in double rooms and 550 EURO in single rooms. This should be paid directly to the hotel at departure.

Participant	Accomodation and Meals	Transport
NMBU MSc	Free in double room. 100 Euro for single room	NMBU reimburses travel costs
NOVA + BOVA MSc	Free in double room. 100 Euro for single room	Students can apply for NordPlus funding
NOVA + BOVA PhD	300 Euro in double room 400 Euro in single room	Covered by participant
Other	450 Euro in double room 550 Euro in single room	

Maximum no of participants is 30. Students from NOVA and BOVA universities have first priority. NOVA funding covers up to 20 NOVA/BOVA students. If more NOVA/BOVA students applies, these will be prioritized among countries in collaboration with the local NOVA contact person within the NOVA network for animal breeding.

Registration

To register for the course, please follow the registration link on the course web page

<https://www.nmbu.no/en/students/nova/students/phd-courses/phd-courses-2019/node/36259>

Registration is open.

If you have any questions, please do not hesitate to contact

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MSc: Geir.Steinheim@nmbu.no

Looking forward to see you in Hafjell ☺