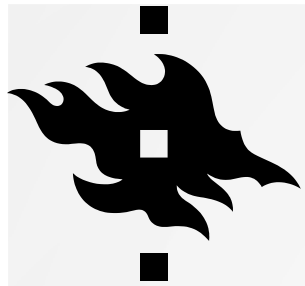




NOVA2.0

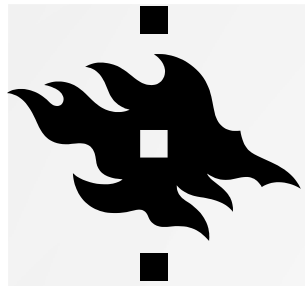
Liisa Uotila, tohtorikoulutuksen asiantuntija, HY:n NOVA-koordinaattori

NOVA-coordination@Helsinki.Fi



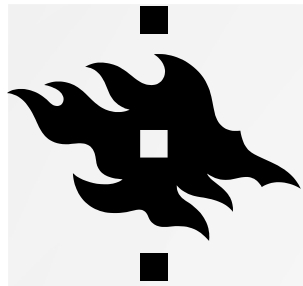
WHAT IS NOVA?

- The Nordic Forestry, Veterinary and Agricultural University Network, NOVA, was founded in 1995, and its primary focus has been on jointly organized PhD courses.
- The courses were consistently lauded for their high quality and professional performance and regarded as highly valuable by both students, teachers and PhD supervisors.
- The long-term collaboration have created respect and trust between members and formed the basis for strong networks among scientists.



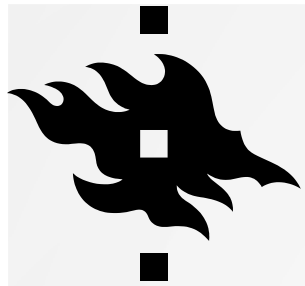
CURRENT NOVA MEMBER INSTITUTIONS

- Sveriges lantbruksuniversitet (Swedish University of Agricultural Science), Sweden ("SLU")
- Norges miljø- og biovitenskapelige universitet (Norwegian University of Life Sciences), Norway ("NMBU")
- Landbúnaðarháskóli Íslands (Agricultural University of Iceland), Iceland ("LBHI")
- University of Copenhagen – PLEN (Department of plant and environmental sciences)
- Aarhus University – QGG (CENTER FOR QUANTITATIVE GENETICS AND GENOMICS)
- University of Eastern Finland - Forest and EnvBio, ("UEF-FE")
- Helsingin yliopisto - Eläinlääketieteellinen tiedekunta (University of Helsinki - Faculty of Veterinary Medicine), Finland, ("UH-V")
- Helsingin yliopisto - Maatalous-metsätieteellinen tiedekunta (University of Helsinki - Faculty of Agriculture and Forestry), Finland, ("UH-AF")



NOVA HELSINGIN YLIOPISTOSSA

- Number of doctoral researchers at UH-AF: 482 (Maatalous-metsätieteellinen tiedekunta)
Number of doctoral researchers at UH-V: 165 (Eläinlääketieteellinen tiedekunta)
- **Doctoral programmes involved:**
 - Doctoral Programme in Sustainable Use of Renewable Natural Resources (AGFOREE)
 - Doctoral Programme in Clinical Veterinary Medicine (CVM)
 - Doctoral Programme in Food Chain and Health (FoodHealth)
 - Doctoral programme in microbiology and biotechnology (MBDP)
- **Some students from faculties also in these programmes**
 - Doctoral Programme in Political, Societal and Regional Changes
 - Doctoral Programme in Economics
 - Doctoral Programme in Population
 - Doctoral Programme in Integrative Life Science
 - Doctoral programme in wildlife biology research
 - Doctoral programme in plant sciences
 - Doctoral programme in interdisciplinary environmental



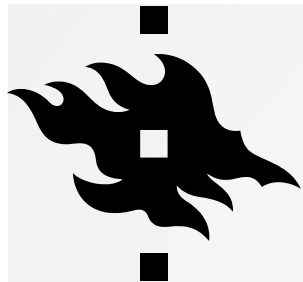
NEW AGREEMENT, EFFECTIVE 1.5.20

A new, more cost-effective model for the cooperation has been created, and a new agreement for a continued partnership is signed by the members.

In the new model **each university finance their own NOVA courses, which obtain NOVA-status if the jointly agreed requirements are met.**

Each member follows their own routines for creating PhD-courses, and the courses fulfilling the requirements are reported to the secretariat, that advertise the courses.

→ Jäsenyliopistot tarjoavat järjestämiään kursseja NOVA-verkoston jäsenille sovittun määrän vuodessa



COURSE CRITERIA

TO BE CONSIDERED NOVA COURSES, THE COURSES SHOULD ADHERE TO THE CRITERIA OUTLINED BELOW:

PhD students or specialising post graduate veterinarians from NOVA members are part of the target group.

The main teachers should be **experts in their fields** and at least **one of them must be employed** by the host university.

The host university guarantees the quality of the course by following **their internal requirements for PhD-level or post-graduate veterinarian specialisation courses**. The course quality can be subject to follow-up from web-based student evaluations using a NOVA template.

It is **desirable** that the course is planned and executed **in collaboration** between teachers from the host university and other universities, preferably another NOVA member.

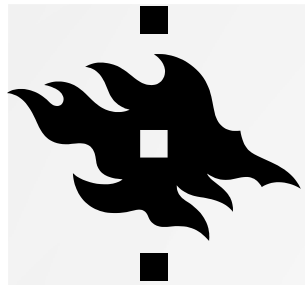
The pedagogic approach builds upon **active participation and engagement by all teachers and students** during the course. Commonly, the courses contain a classroom/field/lab module combined with distance education modules, but courses can also be completely online.

If the number of seats is limited, visiting students from other NOVA members should be given priority to at least **25% of the seats**, if possible.

NOVA students do not pay course fees. The hosting university is **not obliged** to cover expenses for accommodation, food, student travelling and similar expenses.

Courses should **preferably be announced at least 6 months before** the course event

Suggested by the coordinators: Course duration: preferably 2-5 ECTS (if on-site: one week)



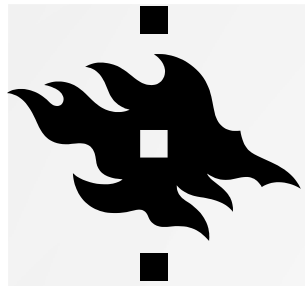
COURSES AT UNIVERSITY OF HELSINKI

- **Courses at the University of Helsinki will be organized in collaboration with and according to the guidelines of doctoral programmes**
- Faculty of Agriculture and Forestry: funds budgeted for both course organization and travelling to participate in courses



KIINNOSTUNUT NOVA-KURSSIN JÄRJESTÄMISESTÄ?

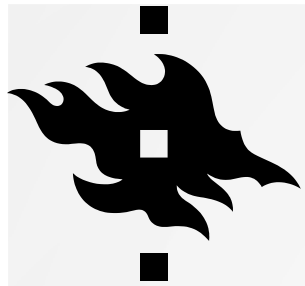
- Ole yhteydessä sopivaan tohtoriohjelmaan (johtaja tai suunnittelija/planning officer) ja tee rohkeasti ehdotus
- Yhteystiedot löytyvät tohtoriohjelmien kotisivuilta ([LINKKI](#))
 - → Valitse tohtoriohjelma
 - → Contact & supervision
- Tohtoriohjelmilla on budjetti kurssien järjestämiseen, lisäksi MMTDK on rahoittanut NOVA-kurssien järjestämistä



KURSSITARJONTA NOVASSA, ESIMERKKEJÄ

- Katso NOVA nettisivut: <https://www.lbhi.is/nova>
- Esimerkkejä kursseista →
- Meneillään:
 - Sustainability transitions: theories, methodologies and applications in urban and rural environments (Helsinki)
 - Fish and fisheries ecology (SLU)
- Tulossa:
 - Wood Biology and Biotechnology (SLU 02-03/2024)

SLU	2021	Landscape Governance and Management
SLU	2021	Equitation Science
SLU	2021	Integrated Pest and Pollinator Management
HU-AF	2021	Secondary Metabolites in Plant Resistance and Pathogen Virulence
HU-V	2021	Animal personality
NMBU	2021	High throughput field phenotyping
NMBU	2021	Biometrical Methods in Breeding
HU-AF	2021	Quantitative Genetics



LINKS

- [LINK](#) to NOVA website (at LBHI)
- Website open ([LINK](#)) under 'Instructions for Students' website (choose e.g. Doctoral Programme in Clinical Veterinary Medicine from the drop-down menu to see NOVA info section)