



## Presentation for PhD Students, Spring 2019

Updated 3 Apr. 2019

The Nordic Forestry, Veterinary and Agricultural University Network (NOVA) is a university cooperation aimed at supporting the understanding of major global challenges in a Nordic context. Our main task is to initiate, administer, promote and financially support cooperation between the Nordic universities in postgraduate education.

NOVA provides a platform for networking between Nordic postgraduate students through facilitating high quality, international level education for postgraduate students.

The courses are planned, run and taught by a group of leading Nordic teachers and researchers.

# WHAT IS NOVA?



- ▶ Aarhus University, Science and Technology, AU-ST
- ▶ University of Helsinki, Faculty of Agriculture and Forestry, HU-AF
- ▶ University of Helsinki, Faculty of Veterinary Medicine, HU-V
- ▶ University of Eastern Finland, School of Forest Sciences, UEF-F
- ▶ The Agricultural University of Iceland, LBHI
- ▶ The Norwegian University of Life Sciences, NMBU
- ▶ The Swedish University of Agricultural Sciences, SLU

NOVA MEMBER INSTITUTIONS



- ▶ 1995 – establishment of NOVA - cooperation between the Nordic veterinary and agricultural universities to develop courses on bachelor's, master's and PhD level
- ▶ 1996 – establishment of the Baltic Forestry, Veterinary and Agricultural University Network (BOVA)
- ▶ 1996-2000 – NOVA-BOVA programme, lead by the NOVA side, focused mainly on short MSc courses in BOVA member institutions
- ▶ 1998-2000 – Intensive courses in the NOVA and BOVA institutions, including partners from Russia and Poland
- ▶ 2002-2004 – K&A Wallenberg Foundation project «Development of Nordic-Baltic academic collaboration in Forestry, Veterinary and Agriculture (NOVA-BOVA)»
- ▶ 2005-2008 – Collaboration with BOVA: activities carried out by academic networks within Nordplus project frames in the form of intensive courses
- ▶ 2007-2008 – New Nordplus programme launched, NOVA and BOVA utilises this programme for intensification of common activities (e.g. mobility support for students and teachers, and intensive courses on bachelor's and master's level)
- ▶ 2014 – NOVA Strategy for 2014-2018: slimming and streamlining of NOVA, focus on PhD courses
- ▶ 2015 – University of Copenhagen, Faculty of Health and Medical Science left NOVA from 1 Jan.
- ▶ 2016 – University of Copenhagen, Faculty of Science left NOVA from 1 Jan.
- ▶ 2018 – NOVA Strategy for 2018-2021: continued focus on PhD courses - opening up for funding of digital courses, PhD activities, competence enhancing courses for PhD students and other scientists
- ▶ 2018 – new and simplified regulations for NOVA courses, introduction of a two-year pilot with simplification of the funding model for NOVA courses

# HISTORY

Course Leader	NOVA PhD Courses 2019/2020	Dates
Morten Lillemo, NMBU	<a href="#"><u>Plant Breeding for Sustainable Plant Health Management</u></a>	27 Jan. – 1 Feb. 2019
Marcos Lana and David Parson, SLU	<a href="#"><u>Dynamic Modelling of Cropping Systems</u></a>	4-8 Mar. 2019
Yves Surry, SLU	<a href="#"><u>Advanced Production Economics</u></a>	1 Apr. – 30 Dec. 2019 (digital course)
Tove Devold, NMBU	<a href="#"><u>Sustainable Nordic and Baltic Food – Technologies, Quality, and Health</u></a>	29 Apr. – 1 May 2019
Terje Gobakken, NMBU	<a href="#"><u>Hybrid Inference</u></a>	27-21 May 2019
Stefan Bäckman, HU-AF	<a href="#"><u>NOVA course on modelling and simulation of ecosystem services and environmental resource management with artificial intelligence</u></a>	3-7 Jun. 2019
Eystein Skjerve, NMBU	<a href="#"><u>Multilevel Modelling</u></a>	17-21 Jun. 2019
Elke Hartmann, SLU	<a href="#"><u>Equitation Science</u></a>	12-16 Aug. 2019
Anne Toppinen, HU-AF	<a href="#"><u>Advanced course of innovation systems in circular bioeconomy</u></a>	19-23 Aug. 2019
Peer Berg, NMBU	<a href="#"><u>Biological Consequences of Selection</u></a>	19-23 Aug. 2019
Rasmus Bovbjerg Jensen, NMBU	<a href="#"><u>Keeping the hindgut and the horse healthy</u></a>	25 -30 Aug. 2019
Stefan Björkmann, HU-V	Effects of environmental contaminants on reproductive health	Aug. or Sept. 2019
Sreten Andonov, SLU	Application of genome wide SNPs in single step genomic analysis	Sept. 2019
Petri Nummi, HU-AF	<a href="#"><u>Wetland Ecology and Management</u></a>	2-6 Sept. 2019
Thomas Spillmann, HU-V	<a href="#"><u>Advances in Feline and Canine Nephrology and Urology</u></a>	18-22 Nov. 2019
Dalia D'Amato-Pihlman, HU-AF	The future of bioeconomy: circular and ecosystem services-aware?	May 2020 (digital course)

Course Responsible	PhD Course Series	Dates
<b>Dan Funck Jensen, SLU</b>	<b><u>Plant Pathology with a Nordic Dimension</u></b>	<b>2017-2020</b>
Dan Funck Jensen, SLU	1. <u>Biological Control: Microbial Interactions for Improved Plant Health</u>	2017
Mogens Hovmøller, AU-ST	2. <u>Biotrophy in Plant Pathogens - from Recognition to Ecology</u>	29 Apr. – 4 May 2018
Arne Stensvand, NMBU	3. <u>Epidemiology and Populations Genetics</u>	6-11 May 2019
Jari Valkonen, HU-AF	4. Secondary Metabolites in Plant Resistance and Pathogen Virulence	11-15 May 2020
<b>Kristiina Himanen, HU-AF</b>	<b><u>Phenotyping Technologies in Plant-Environment Interactions</u></b>	<b>2018-2021</b>
Erik Alexandersson, SLU	1. <u>Integrated Analysis of Omics Data</u>	11-15 Jun. 2018
Kristiina Himanen, HU-AF	2. <u>Image Based Phenotyping</u>	10-14 Jun. 2019
Morten Lillemo, NMBU	3. High Throughput Field Phenotyping	Jun. 2020
Sæmundur Sveinsson, LBHI	4. Omics Technologies in Phenotyping	Jun. 2021
<b>Irmeli Mustalahti, UEF-F</b>	<b><u>Environmental Collaboration and Conflict Resolution</u></b>	<b>2016-2019</b>
Irmeli Mustalahti, UEF-F	1. <u>Tools for Analysis and Intervention: Case Mexico</u>	2016
Jens Emborg, KU-SCIENCE	2. <u>Framework for analysis and intervention: Cases in Denmark and Kenya</u>	2017
Irmeli Mustalahti, UEF-F	3. <u>The Crossroads of Forestry, Ecosystem Services and Wildlife</u>	20-24 Aug. 2018
John McNeish, NMBU	4. <u>Explorations of collaborative closures to environmental conflicts - Renewable energy and emerging land-use conflicts</u>	5-9 Aug. 2019

Course Responsible	PhD Course Series	Dates
Ingeborg Menzler-Hokkanen, HU-AF	<b><u>Climate Change Entomology in the North</u></b>	<b>2017-2019</b>
Heikki Hokkanen, HU-AF	<u>1. Invasive Pest Threats in the North</u>	2017
Gudmundur Halldorsson, LBHI	<u>2. Artic Entomology under Climate Change</u>	20-24 Aug. 2018
Pirjo Mäkelä, HU-AF	<u>3. Functional Biodiversity for Biocontrol and Pollination - Underlying Mechanisms in Crops</u>	26-30 Aug. 2019
Ingeborg Menzler-Hokkanen, HU-AF	<b><u>Ecostacking: a new approach to crop protection</u></b>	<b>2019-2021</b>
Pirjo Mäkelä, HU-AF	<u>1. Ecostacking in Theory and Practise: a new approach to crop protection</u>	2-6 Sept. 2019
Johan Stenberg, SLU	2. Integrated Pest and Pollinator Management IPPM	7-11 Sept. 2020
Gudmundur Halldorson, LBHI	3. The Nordic Dimension: Ecostacking in Arctic Agriculture	6-10 Sept. 2021

More NOVA courses may be approved for 2020 in June 2019.  
Information on new courses will be published on our website in June 2019.

Information on NOVA:

- ▶ Web site
- ▶ [www.facebook.com/novauniversity.org](http://www.facebook.com/novauniversity.org)
- ▶ Subscribe to our newsletter to keep updated on NOVA courses.
- ▶ There is a local NOVA coordinator at your institution who can help you with questions on NOVA.