

## European-Vietnamese Higher Education Network for Sustainable Forest- & Bio-Economy

The project is co-financed from 10/2017 – 10/2020 by the  
Erasmus+ Programme of the European Union  
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The **BioEcoN Project** establishes a Higher Education Institution (HEI) network of excellence for internationalization and joint academic capacity building in the field of sustainable forest-based bioeconomy. The basis of the network is a new MSc curriculum promoting ecological and economical sustainability in the bio-economy sector at the interface of academic concepts, required skills and professional expertise. The consortium consists of six universities from Europe and Vietnam:

Organization	Country
Eberswalde University for Sustainable Development (Coordinator)	Germany
Vietnam National University of Forestry	Vietnam
Thai Nguyen University of Agriculture and Forestry	Vietnam
University of Valladolid	Spain
VNU University of Science	Vietnam
South-Eastern Finland University of Applied Sciences Ltd.	Finland

### Intensive Learning Periods (“summer schools”)

To promote the BioEcoN curriculum and academic exchange between participating universities, financial support for participation in one of three “summer schools” is offered to students enrolled at partner institutions.



**Vietnam National University of Forestry**  
**Time:** From 14 to 28 of September, 2019  
**Venue:** Hanoi, Vietnam



**University of Valladolid**  
**Time:** From 2 to 15 February, 2020  
**Venue:** Valladolid, Spain



**Thai Nguyen University of Agriculture & Forestry**  
**Time:** From 15 to 28 March, 2020  
**Venue:** Thai Nguyen, Vietnam

(see at [www.bioecon.eu](http://www.bioecon.eu)).

Each participant attends 4 courses/modules over the 2-week learning period, providing the opportunity to learn new methods, tools and technologies from various disciplines. In addition to practical training, a highly interactive learning environment among international scholars and lecturers provides ample opportunity for academic and cultural exchange. Participants will receive a certificate of participation and the opportunity to earn up to 6 ECTS.



**2-week intensive learning periods in Vietnam and Spain**



### Course Topics

Courses cover a broad spectrum of multidisciplinary, technology-oriented topics in sustainable forest resource management including

governance frameworks, innovative processes and products, economics and markets. Students learn to reconcile the social demands of wood and bioenergy with other regulatory and cultural ecosystem services such as climate and water regulation, nutrition and health, landscape aesthetics and natural heritage, and recreation.

Bioeconomy Strategies	Dynamic System Modeling
Multifunctional Forestry	Agroforestry Landscape
Forest inventory and biomass	Climate Change and Ecosystem Services
Aboveground Biomass Assessment Methods and Applications.	Remote Sensing for Aboveground Biomass Estimation
Consultancy and Service Production in Bioeconomy	Protected Area Conservation and Management
Logistic applications in sustainable forest-based bioeconomy	Adaptive Management: Developing Innovative Alternatives for Bioeconomy
Opportunities for Entrepreneurship in Bioeconomy	Environmental Economics: Chances and Challenges for Human Wellbeing
Biodiversity and Genetic Resource Conservation	Adding value of non-timber bio-based products
Forest Resource Economics	Forest Management for Bioenergy Production

### To Apply

If interested, please contact a BioEcoN representative to inquire about application guidelines and requirements at your local partner university:

University	Contact	Email
HNEE	Dr. Kevin Beiler	kevin.beiler@hnee.de
VNUF	Prof. Hoang Van Sam	samhv@vnuf.edu.vn
TUAF	Dr. Ho Ngoc Son	hongocson@tuaf.edu.vn
UVa	Prof. Felipe Bravo	fbravo@pvs.uva.es
VNU-HUS	Asso.Prof. Vu Van Manh	vuvanmanh@hus.edu.vn
XAMK	Dr. Pasi Pakkala	pasi.pakkala@xamk.fi

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