

QUALIFICATIONS RECOGNITION SUPPORT FOR UKRAINIAN UNIVERSITIES

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Introduction. Ukrainian National forestry University (UNFU)



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Erasmus+ Programme
of the European Union

UKRAINIAN NATIONAL FORESTRY UNIVERSITY'S REPRESENTATIVES



Mykola Borys

**Pro-rector for international
relations**



Orest Kiyko

**Head of the Furniture and Wood
Products Technology
Department**



Halyna Lesiuk

**Head of the International
Department**

Ukrainian National Forestry University today





Ukrainian National Forestry University today

- Founded in 1874
- State higher education institution
- About 2800 students
- 300 teachers, 30 professors, 200 associated professors
- 33 Departments
- 4 Institutes

Mission

- training professionals for sustainable development and for the forest-based industries while providing the “greening” of education



Ukrainian National Forestry University today

Internationalisation Strategy of UNFU, 2015-2020

“...UNFU defines a strategic goal of its international activity up to 2020 as:

- raising the educational, research and administrative activities of the University to the level of international standards,
- strengthening the research and innovation potential of the University,
- enhancing its attractiveness to domestic and foreign consumers of educational services, as well as for partners”.



Ukrainian National Forestry University today

International programs and projects

- 63 bilateral agreements
- Erasmus+
- H2020 – DIABOLO «distributed, integrated and harmonised forest information for bioeconomy outlooks»
- H2020 – POWER4BIO “empowering regional stakeholders for realising the full potential of European bioeconomy”
- Cost actions
- DAAD projects
- Baltic University Program
- Tempus Tacis projects, fp7-inco projects



Estonian University of Life Sciences



Eberswalde University for Sustainable Development



Lodz University of Technology



Poznan University of Life Sciences (PULS)



Technical University in Zvolen



Transilvania University of Brasov



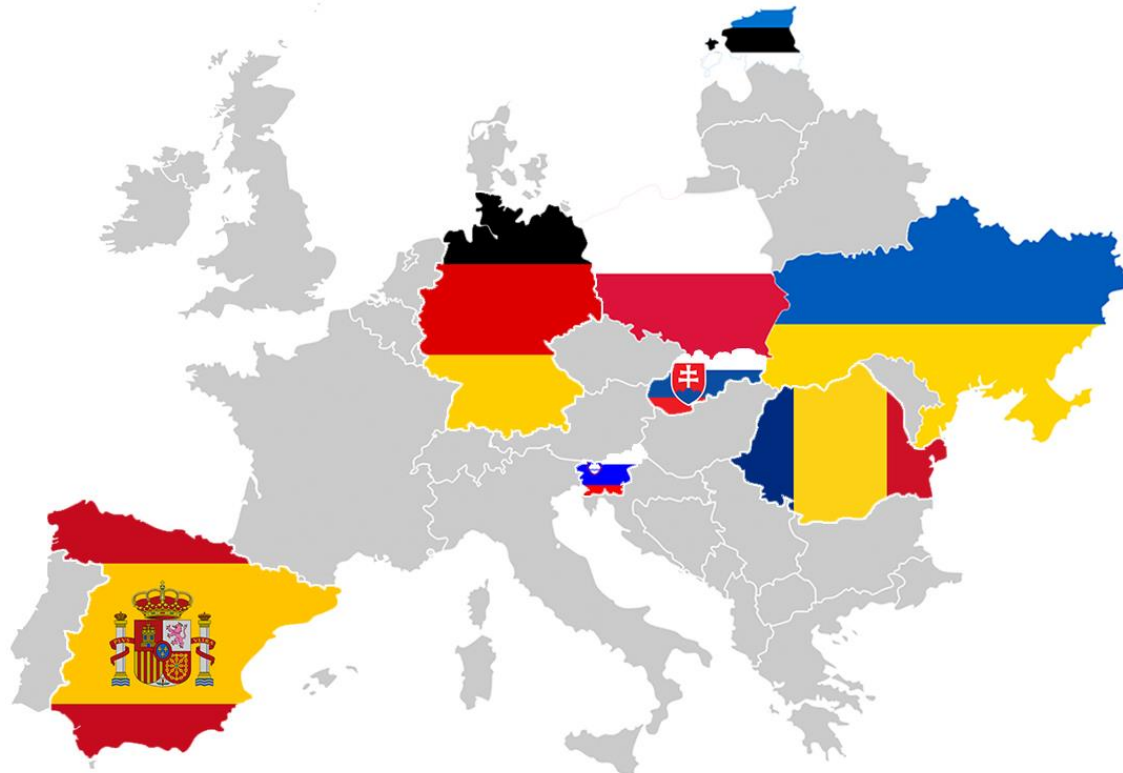
The University College of Tourism and Ecology in Sucha Beskidzka



University of Ljubljana



University of Valladolid



Ukrainian National Forestry University today

Erasmus+ partners

- Estonian University of Life Sciences
- Eberswalde University for Sustainable Development
- Lodz University of Technology
- Poznan University of Life Sciences (PULS)
- The University College of Tourism and Ecology in Sucha Beskidzka
- Transilvania University of Brasov
- University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca
- Technical University in Zvolen
- University of Ljubljana
- University of Valladolid



Ukrainian National Forestry University today



UNFU Affiliated Institutions

- 2 Technological Colleges (Khust and Lvivi)
- 3 Forest ecology field stations in Shatsk, Morshyn and Shidnytsia
- Stradch Production and Training Center
- Roztochia nature reserve
- Recreation Camp (Black Sea)



Institutes of Ukrainian National Forestry University

INSTITUTE OF
FORESTRY
AND
PARK AND GARDEN
MANAGEMENT

IIINSTITUTE OF
WOODWORKING,
COMPUTER
TECHNOLOGY AND
DESIGN

INSTITUTE OF
ENGINEERING
MECHANICS,
AUTOMATION AND
COMPUTER-INTEGRATED
TECHNOLOGIES

INSTITUTE OF
ECOLOGICAL
ECONOMICS
AND MANAGEMENT

UNFU
INSTITUTES

There are 4 institutes operating within the structure of the University: the Forestry and Park-and-Garden Management Institute; the Institute of Mechanical Engineering, Automation and Computer-integrated Technologies; the Institute of Woodworking Technology and Design; the Institute of Ecological Economics and Management.



Ukrainian National Forestry University

Institute of Forestry and Park-and-Garden Management

Study programs

Forestry
BSc, MSc, PhD

Park-and-Garden
Management
BSc, MSc, PhD

Hunting economy
BSc, MSc

Landscape Architecture
BSc, MSc

STUDY PROGRAMS

Research activity - Rising productivity and biological sustainability of forests in Ukraine; Improving accounting of forest ecosystem services and providing their sustainable use; Morphological structure and biometric assessment of forests, forest inventory; Close-to-nature forestry in major types of forests; Botany, wood science, protection of forests from pests and diseases; Developing green network of settlements; Landscape architecture



Institute of Woodworking and Computer Technology and Design

Study programs

Woodworking and
Furniture Technologies
BSc, MSc, PhD

Technologies of
Wood-Based
Composites and
Wood Modification
BSc, MSc

Computer Sciences
and Information
Technologies
BSc, MSc

Design
BSc, MSc

STUDY PROGRAMS

Research activity - Improving methods for logs conversion to sawn timber, with a glance to their actual size-quality characteristics; Development of science-based standards of wood consumption rates in the production of wood products; Investigation of wood mechanical and physical properties relevant to construction with timber and wooden building manufacturing; Resource efficiency in woodworking and furniture industries



Institute of Engineering Mechanics, Automation and Computer-Integrated Technologies

Study programs

Applied Mechanics
BSc, MSc

Forestry Machinery
BSc, MSc, PhD

Industrial
Engineering
BSc, MSc, PhD

Forestry
Engineering
BSc, MSc

Automation and
Computer-
Integrated
Technologies
BSc, MSc, PhD

STUDY PROGRAMS

Research activity - Environmentally safe and resource-saving technologies and equipment for harvesting, transportation and primary wood processing; Designing transport vehicles for timber transportation; Designing forest roads network and technologies for road construction; Modeling and optimizing automated production systems for forest-based industries; Prolongation of lifetime for machine components, metal- and woodcutting tools and equipment



Institute of Ecological Economics and Management

Study programs

Management
of International
Economic
Activity BSc, MSc

Accounting
and Taxation
BSc, MSc

Management
and
Administration
BSc, MSc

Economics of
Enterprise
BSc, MSc

Ecological
Economics
MSc, PhD

Research activity - Sustainable development, environmental policy and ecological economics; Forest policy, economics of forestry; Economics, accounting, taxation and management of forestry and wood processing companies, and international trade of wood products; Economics of renewable energy

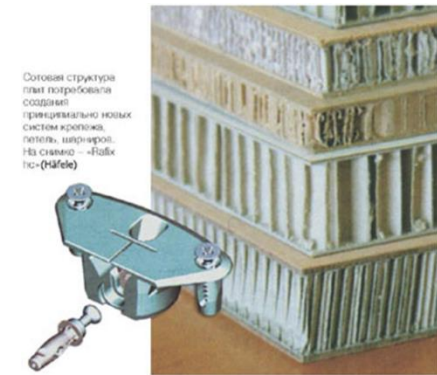
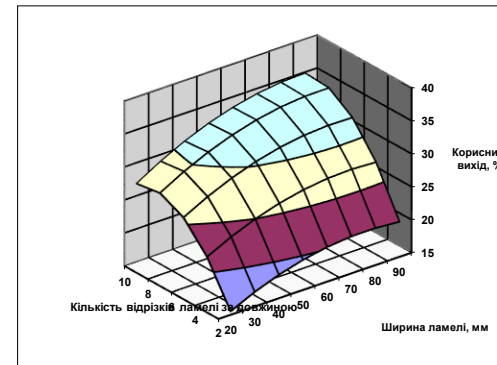
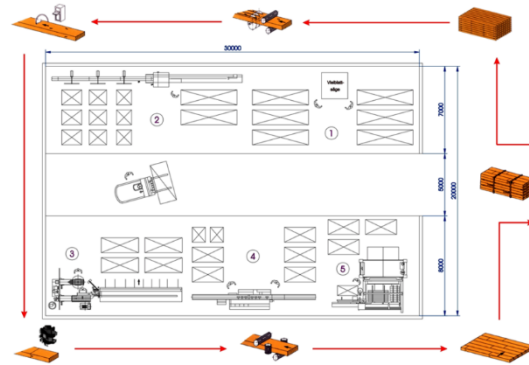
Ecology
BSc, MSc

STUDY PROGRAMS



Ukrainian National Forestry University

Ecological Economics MSc, PhD



AD NATURAM VIVERE DISCIMUS

Educational UNFU's innovations GREENING OF EDUCATION



Educational UNFU's innovations

Special week



6 teams of four people (mixed UKR-CH-teams) would analyze the Business Model of the company and ask as many questions as possible to find out about the company's strategy, their market segments, market tendencies, challenges, strengths and weaknesses and so on



ACTIVE LEARNING

WHAT I HEAR, I FORGET
WHAT I SEE, I REMEMBER
WHAT I DO, I UNDERSTAND



Educational UNFU's innovations

Close cooperation with business



By means of a first self-check of the current situation in your company, many saving potentials and improvement options can easily be identified. In general, about 50% of the identified options can be realized directly with little or no investment and will pay back in less than 6 months ("good housekeeping"). Another 25% of the options can be realized with a minor investment and will pay back in a medium term (usually less than 2 years).



Analysis of the Lviv region's bioeconomy

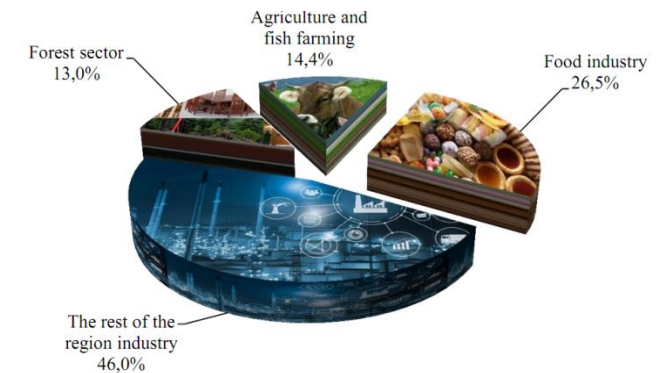
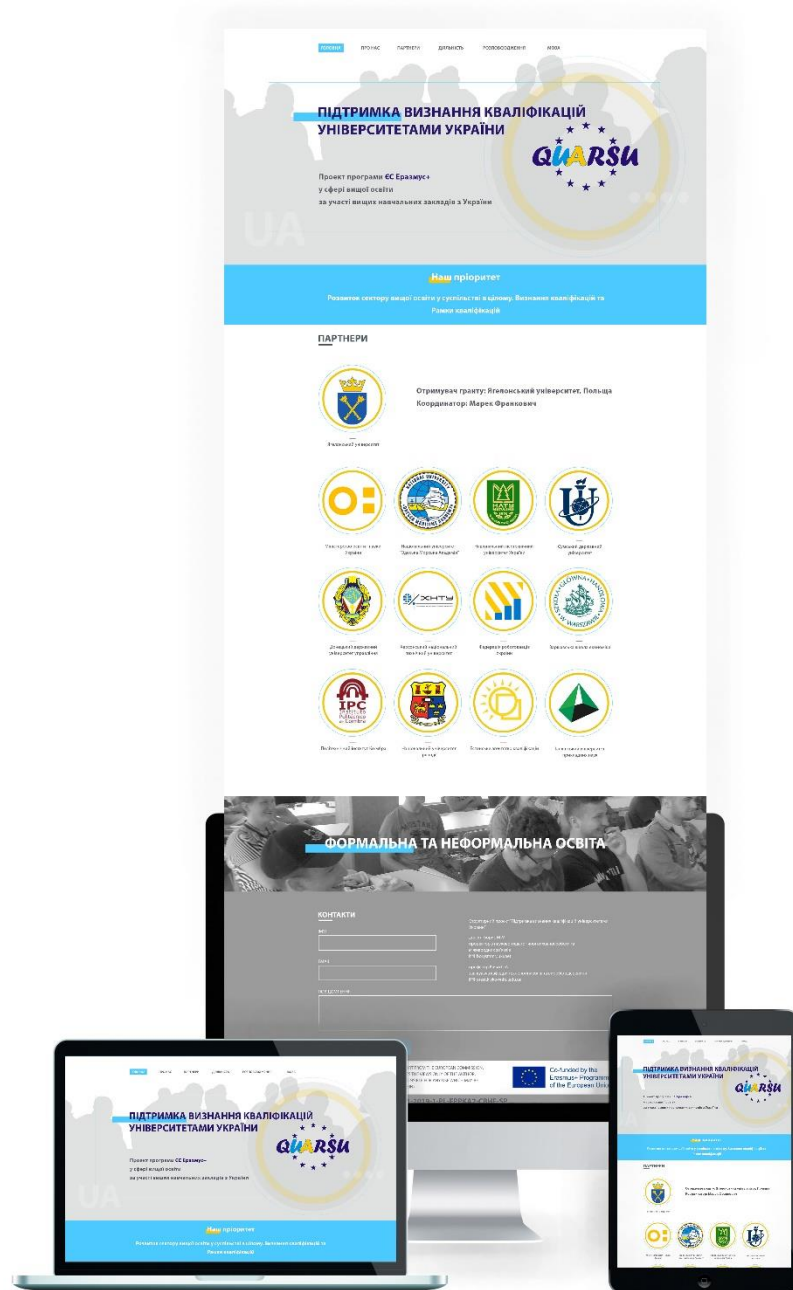


Fig. 7. Structure of the turnover of various branches of industry, agriculture, fish farming and forestry of the Lviv region in 2018

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Thank you for your attention!

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