



Lutsk National Technical University

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<http://www.lutsk-ntu.com.ua>

Луцький національний технічний університет

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м. Луцьк
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Ukraine, City of Lutsk

*Lutsk National Technical University
(Lutsk NTU)*

*is situated in the City of Lutsk at
Volyn. Volyn Region is the western
region of Ukraine and borders on
Poland and Belarus.*



Historical Places of Volyn



Lutsk National Technical University



Lutsk NTU has 6 buildings, 2 dormitories and a sports complex.

Nearly 12 000 students study at Lutsk NTU to achieve Bachelor's and Master's degree.

The teaching staff consists of approximately 400 experienced persons.



Lutsk NTU: History



1966 - was founded as a branch of a **General Technical Department of the Kyiv Automobile and Road Institute.**

In 1991 it became an **independent university.**



In 1997 it was renamed into **Lutsk State Technical University.**

In 2008 the university has received **national status.**

Lutsk NTU: Structural Units

Lutsk NTU

**Lutsk
Technical
College**

**Kovel
Industrial and
Economic
College**

**Liubeshiv
Technical
College**



Lutsk NTU: Organizational Structure

Rector

Rectorat

Scientific Council



Computer Science and Information Technologies Department

Department of Construction and Design

Department of Ecology, Instruments and Power Systems

Machine-Building Department

Technological Department

Business Department

Department of Accounting and Finance

Postgraduate Department

Center for Distance Training

Center for Continuing Education

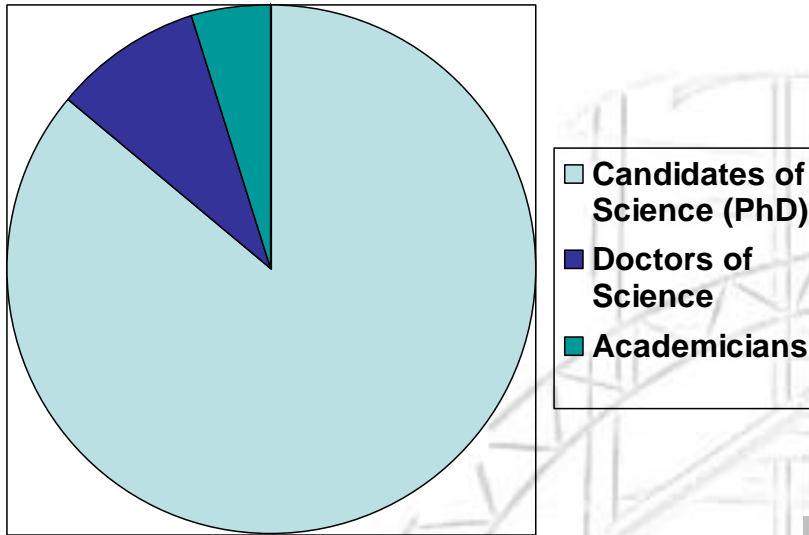
Center for Preparatory Education

Center for Business Student

Lutsk NTU admits foreigners for study in the following areas:

- ❖ automated control of technological processes;
- ❖ vocational education. (Computer technologies);
- ❖ vocational education. (Mechanical Engineering);
- ❖ computer sciences;
- ❖ cars and automobile industry;
- ❖ transport technologies;
- ❖ machine-building;
- ❖ engineering mechanics;
- ❖ engineering materials science;
- ❖ design;
- ❖ construction;
- ❖ ecology and environmental protection
- ❖ electrical engineering and technologies;
- ❖ instrument engineering;
- ❖ labour safety;
- ❖ metrology and information-measuring technology;
- ❖ finances and credit;
- ❖ accounting and audit;
- ❖ commodity and customs expertise ;
- ❖ international economy;
- ❖ marketing;
- ❖ management ;
- ❖ economy of enterprise;
- ❖ personnel management and labour economics;
- ❖ applied statistics

Lutsk NTU: Academic Staff



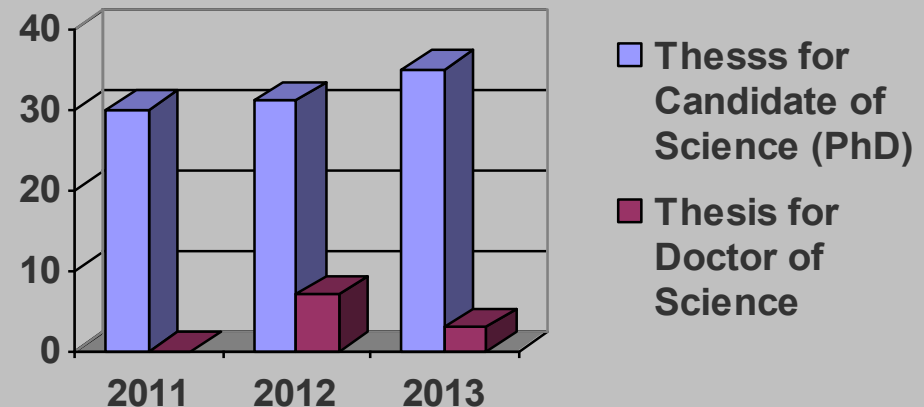
Academic staff includes 410 persons:
- 32 Doctor of Science, Professors
- 298 PhD, Assistant Professors
- 16 Academicians

Annually more than 1100 scientific works are published.

We have 93 graduate students at postgraduate and doctoral studies.

Over the last 3 years, 15 theses defended for the Doctors of Science degree and 120 dissertations for Candidates of Science (PhD) degree.

Theses Defended at Lutsk NTU



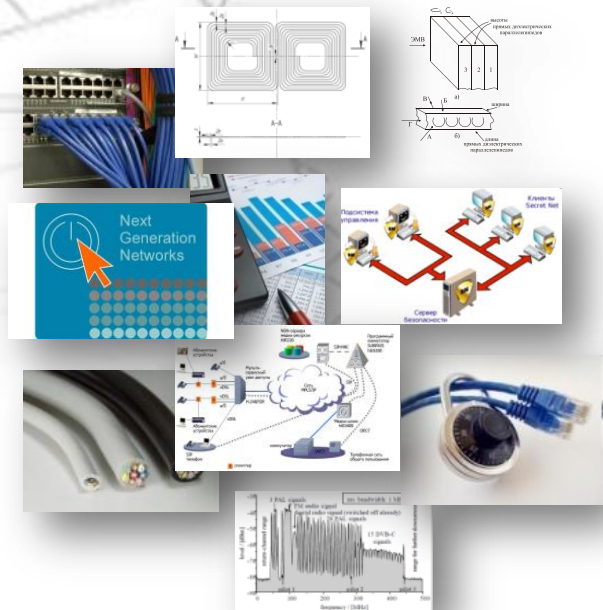
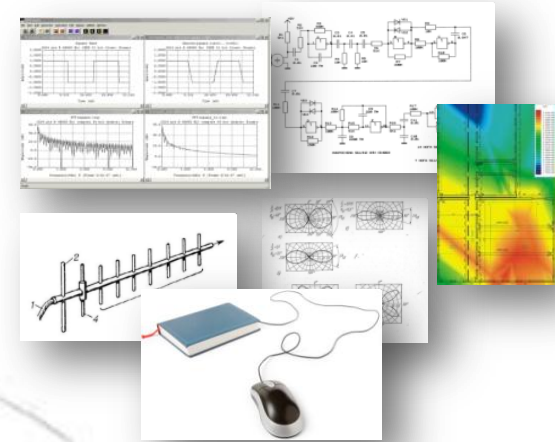
Lutsk NTU: Scientific Schools and Directions

Scientific Schools:

- Solid mechanics;
- Regional economy;
- Agricultural engineering.

Scientific Directions:

- Control and rational management;
- Mechanics of structural nonhomogeneous environments, resource and energy keeping technologies;
- Technological management of quality parameters and by operating descriptions of surfaces of details, devices and machines;
- Accounting, analysis and audit in a control system of entrepreneurial activity;
- Merchandizing and examination of quality of consumer properties.



Lutsk NTU: Specialized Academic Council

Council Д 32.075.01

Specialty:
01.02.04 – Solid Mechanics



Council K 32.075.03

Specialty:
05.02.08 – Technology of Engineering

Council Д 32.075.03

Specialty:
08.00.05 – Development of Productive Forces and Regional Economy
08.00.06 – Economy of Nature Management and Environmental Control



Council K 32.075.02

Specialty:
05.02.01 – Material Science

Council K 32.075.04

Specialty:
05.18.15 – Commodity research

Lutsk NTU: Specialized Academic Council

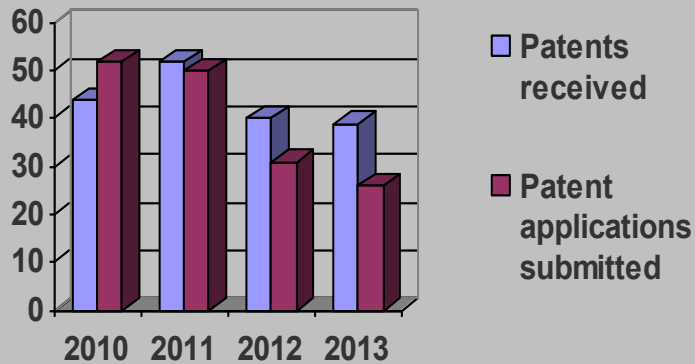


*International defense
of thesis for
Doctor of Science*



Lutsk NTU: Inventive Activity

Number of patents at Lutsk NTU



**Over the last 3 years
our researches got 131
patents for their
inventions and utility
models.**

2010 - 44 patents, namely 7 patents for inventions, 36 patents for utility models, 1 certificate of copyright registration; 52 patent applications submitted.

2011 - 52 patents, namely 4 patents for inventions, 48 patents for utility models, 50 patent applications submitted.

2012 - 40 patents, namely 3 patents for inventions, 32 patents for utility models, 31 patent applications submitted.

2013 - 39 patents, namely 7 patents for inventions, 32 patents for utility models, 26 patent applications submitted.

Lutsk NTU: Scientific Journals

«Economic Science»

by series:

«Regional Economics»

«Accounting and Finance»,

«Economics and Management»,

«Economic Theory and Economic History»



«Commodity Bulletin»

«Logistics: Theory and Practice»



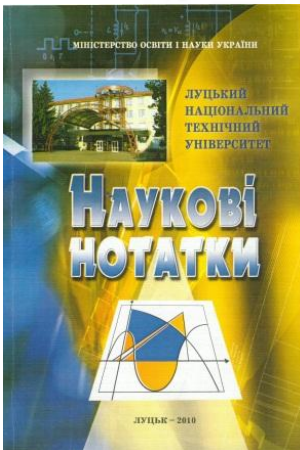
«Economic Forum»

Lutsk NTU: Scientific Journals

**«Computer-Integrated Technologies:
Education, Science and Industry»
by directions
«Computer Science and Engineering»,
«Automation and Control»,
«Teaching Science»**



**«Research Notes»
direction «Engineering Mechanics»**




«Technological Systems»



**«Agricultural Machines»
series «Engineering Science»**

Lutsk NTU: Monographs

Over the last 3 years there was published 123 monographs and 88 tutorials

| | | | | | |
|---|--|--|---|--|---|
|  | <p>Z. Herasymchuk, L. Kovalska Competitiveness of Region: Theory, Methodology, Practice</p> |  | <p>Z. Herasymchuk, L. Korolchuk Cross-border Cooperation of the Regions: Methods of Assessment and Ways to Enhance</p> |  | <p>M. Khvesyk, V. Golian Institutional Support of Land Use: Theory and Practice</p> |
|  | <p>N. Rud Innovation Infrastructure of the Region: Theory, Methodology, Practice</p> |  | <p>Z. Herasymchuk, O. Lutak Regional Policy of Cross-border Cooperation: Methods of Evaluation and Ways to Enhance</p> |  | <p>Z. Herasymchuk, N. Khvyschun Formation of Private Sector of Housing and Communal Services in the Region</p> |
|  | <p>Z. Herasymchuk, N. Koretska Territorial Organization of Banking System in Regions of Ukraine: Evaluation and Strategy of its Rationality</p> |  | <p>L. Pavluk, L. Savosh Development of Agrarian Technical and Technological Services: Theory and Practice</p> |  | <p>I. Kryvoviazuk, T. Balyk Economic and Organizational Mechanism of Urban Development</p> |
|  | <p>L. Cherchyk, N. Kolenda Strategic Recreational Potential of the Region: Theory, Methodology, Evaluation</p> |  | <p>O. Kravchuk, P. Kravchuk Diagnosis and Mechanism of Corporate Enterprise Security</p> |  | <p>I. Kryvoviazuk, T. Balyk Managing Urban Development Processes in Regions: Theory, Methodology, Practice</p> |

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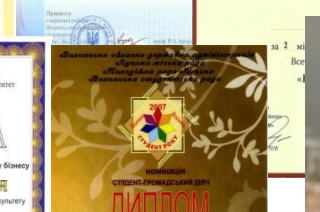
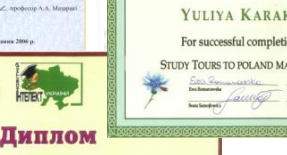
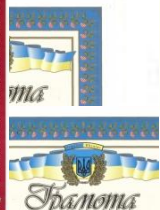
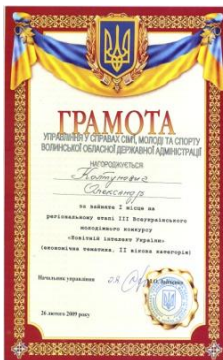
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|---|---|--|--|--|---|
|  | <p>Z.Herasymchuk, V.Tkachuk Investment Potential of Region: Methods of Estimation and Mechanism of Development</p> |  | <p>G.Bashnianyi, I.Yaremko, P.Kutsyk, N.Galaziuk Results of Finance and Economic Activity of Nature Monopolies: Problems of Economic Assessment and State Regulation</p> |  | <p>Z.Herasymchuk, I.Vakhovych, V.Golian, A.Oleksuk Transformation of Institutional Mechanism of Nature of Management in Conditions of Globalization: Ecological Imperatives and System Contradictions</p> |
|  | <p>Z.Herasymchuk, N.Kolenda, L.Cherchyk Regional Policy of Development of Recreational Management of Nature: Mechanisms of Formation and Realization</p> |  | <p>M.Khvesyk, V.Holian, Yu.Khvesyk Institutional Environment of Stable Water-supply in Conditions of Market Relations National and Regional Measurements</p> |  | <p>I.Kryvoviaziuk, I.Tsymbaliuk Mechanism of Regulation of Competitive Relations at Regional Stuff Markets</p> |
|  | <p>I.Kryvoviaziuk, I.Zablotska Financial and Economic Mechanisms of Development of House Building in the Region</p> |  | <p>M.Khvesyk, V.Holian Institutional Model of Management of Nature in the Sphere of Global Challenges</p> |  | <p>M.Khvesyk, V.Holian, A.Krysak Institutional Transformations and Financial-Economical Regulations of Land Management in Ukraine</p> |
|  | <p>Z.Herasymchuk, L.Kovalska Production Potential of the Region: Methodology of Assessment and Mechanisms of its Development</p> |  | <p>I.Vakhovych, Yu.Volynchuk Financial Support of Higher Education: Methodology and Mechanisms of Realization in Conditions of Social Oriented Market Economy</p> |  | <p>Z.Herasymchuk, V.Haluschak Policy of Problem Regions Development: Methodological Principles of its Formation and Implementation</p> |

Lutsk NTU: Monographs

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|  | <p>L.Kovalska, K.Okseniuk Strategical Potential of a Region: Methods of Estimation and Mechanism of Increase</p> |  | <p>I.Vakhovych, I. Kaminska Financial Competence of Region: Diagnostics and Mechanisms of Providing</p> |  | <p>L.Kovalska, Y.Makhomet Intellectual Capital of Enterprise: Valuation and Mechanisms of Development</p> |
|  | <p>Z.Herasymchuk, M. Gliadina Regional Policy of the Development of Recreational Area: Mechanisms of Formation and Realization</p> |  | <p>Z.Herasymchuk, A.Oleksiuk Ecological Security of Region: Diagnostics and Mechanisms of Providing</p> |  | <p>Z.Herasymchuk, I.Shevchuk Regional Policy of Development of Medical Service Market: Approaches of Formation and Realization</p> |
|  | <p>I.Vakhovych Financial Policy of Steady Regional Development: Methods of Formation and Mechanisms of Realization</p> |  | <p>V.Morokhova, N. Gerasymyak Marketing and Trade Policy of Machine-building Enterprises on the Ukrainian Market of Motor Cars</p> |  | <p>Z.Herasymchuk, V.Morokhova, O. Boiko Marketing Commodity Policy of Machine-building Enterprises on the Market of Investment Goods</p> |

Lutsk NTU: Awards of our Students



Lutsk NTU: Planned Scientific Conferences and Workshops in 2014

March 15

International Scientific and Practical Conference for Young Scientists and Students «Financial and Credit Stimulation of Development»

May 22-25

III International Scientific and Technical Conference «Scientifically Applied Aspects of Transport and Road Industries»

May 28-30

International Scientific and Technical Conference of TK-2014 «Progressive Directions for Technological Systems Development»

May

IV International Scientific and Practical Seminar «Transborder Collaboration as Form of International Integration Development»

June 27

V International Scientific and Practical Conference «Modern Economic Crisis and the Problems of Accounting, Control and Analytical Support Enterprise Management»

June 30

V International Scientific and Technical Conference «Improving Energy Efficiency in Electrical Devices and Systems»

December

International Scientific Conference for Young Scientists and Students «Modern Problems and Prospects of Development of Accounting, Analysis and Control in the Condition of Globalization of Economy»

Lutsk NTU: Our partners (more than 50 bilateral agreements)



- Graduate School of East Westphalia-Lippe
- Union "Bridges in Ukraine"
- Technical University of Berlin
- University of Applied Sciences Ostwestfalia Lippe



- Academy of Hospitality & Catering in Poznan
- Technical University of Lodz
- Technical University of Lublin
- Wroclaw University of Economics
- Cracow Technical University named after Tedeush Kostyushko
- East European High State School in Peremyshl
- Bialystok Polytechnic
- Rzeszów Polytechnic
- Institute of Metal Forming, Poznan
- Gdansk Academy of Fine Arts
- High school of fees and logistics in Warsaw
- High School of International Relations and Public Communication, Helm
- Utilities Committee of State Chamber of Commerce in Warsaw
- High public school named after Pope John Paul II, Byala Podlaska
- High school of economic, Peremyshl
- High School of Economics and Innovation, Lublin
- High School of Nyzhniosilezka, Wroclaw
- High School of Banking, Torun



Graduate School of Management in Barcelona



- Firm Delkom,
- University of Birmingham
- University of Leeds
- University of Glyndwr



The Instituto Politécnico de Bragança



Mezoisk College



Saxon University of Applied Sciences



Batumi State University named after Shota Rustaveli



Technical University, Habrovo



High school of fees and logistics, Prerov



- Moscow State University named after Lomonosov
- Tomsk Polytechnic University
- Taganrog Radio Engineering State University
- Russian State University for the Humanities, Moscow
- Bryansk State Technical University
- Moscow State Technical University named after N.E. Bauman
- Saratov State Technical University
- International Business and Law Institute of St. Peterburg National Research University of Information Technologies, Mechanics and Optics
- Moscow State Forest University
- Belgorod University of Cooperation, Economics and Law
- Mechanical Engineering Institute of Russian Academy of Sciences and NPK "Mechanobr technics"



- Brest State Technical University
- Belarusian Trade and Economics University of Consumer Cooperatives
- Gomel State Technical University named after P.O. Sukhogo
- Vitebsk State Technological University
- Minsky Highest Aviation College, Minsk
- Polesky State University



- Riga Technical University
- Baltic International Academy
- Transport and Telecommunication Institute
- Information Systems Management Institute

Lutsk NTU students opportunities in the EU

Poland

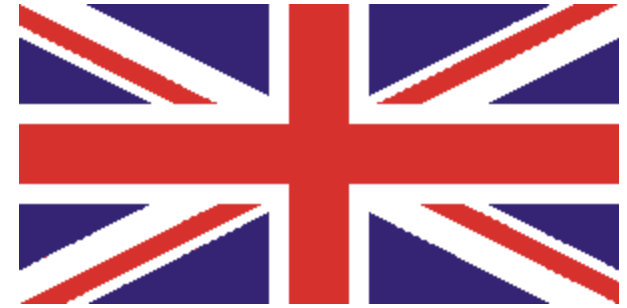
1. Practice at the Lublin University of Technology, International Exchange Office
2. Exchange study at the Lublin University of Technology
3. Getting double "Master" degree at the Lublin University of Technology (Lublin), Swietokrzyska Polytechnic University (Kielce)
4. Participation in conferences and scientific seminars in Polish partner universities



Biuro Wymiany
Międzynarodowej
Politechniki Lubelskiej

Lutsk NTU students opportunities in the EU

United Kingdom of Great Britain and Northern Ireland



- Getting double "Master" degree at the University of Glyndwr, Wrexham, Wales
- Participation in the annual summer English schools at the University of Glyndwr, Wrexham, Wales



Lutsk NTU students opportunities in the EU



Spain



Portugal

- **Getting double "Master" degree at the Graduate School of Management in Barcelona (Spain), the Instituto Politécnico de Bragança (Portugal)**



Lutsk NTU students opportunities in the EU



Germany

- ❖ Professional practice at the enterprises, banks and institutions of Detmold region, Germany.
- ❖ Semester training at the University of Applied Sciences Ostwestfaliaia Lippe.
- ❖ Participation in the annual logistics summer schools in the region of Detmold, Germany.



Lutsk NTU: Experience in TEMPUS IV Program

➤ **510920-Tempus-1-2010-1-De-Tempus-JPCR**
«Practice-oriented Master Programs in Engineering in Russian, Uzbekistan and Ukraine «PROMENG»»: 2010-2013



➤ **30244-TEMPUS-1-2012-1-SE-TEMPUS-JPCR**
«Modernizing higher engineering education In Georgia, Ukraine and Uzbekistan to meet the technology challenge – «ENGITEC»»: 2012-2015



➤ **530621-TEMPUS-1-2012-1-BG-TEMPUS-JPGR:**
«Leading and Managing Change in Higher Education – «La MANCHE»»: 2012-2015



➤ **543994 -TEMPUS-1-2013-1-BE-TEMPUS-JPGR:**
«Modernization of two cycles (MA, BA) of competence-based curricula in Material Engineering according to the best experience of Bologna Process – «MMATENG»»: 2013-2016

Lutsk NTU: Experience in other Programs of European Commission

➤ «PL-NTU Cross-boarder exchange of experience: 2013-2015» (Cross-Border Cooperation Programme Poland- Belarus-Ukraine 2007-2013)



➤ «Equal opportunities in getting profession for young mother-students in higher educational establishment»: 2012-2015 (Investing in People Programme)



➤ «TRACECA - Optimization of the international transport corridors: 2013-2016

➤ «Sustainable energy in Ukraine: Improving energy supply system and chain thinking»: 01-09.2012

Lutsk NTU: Project «PL-NTU

Cross- border exchange of experience»

Project Team

Zoriana Herasymchuk – project coordinator

Larysa Savosh – assistant coordinator

Natalia Martyniuk - specialist for reporting and promotion

Olena Liutak - specialist in financial affairs

Lutsk NTU: Development Priorities

*The main priority of
Lutsk NTU*

development is to conduct public education activities through the development and implementation of educational programs in accordance with European standards, as well as research priorities in the context of the world science community.

Glad to cooperate!



**Thank you for
attention !**

Prof. Zoriana Herasymchuk
zoryana.Intu@gmail.com