



LVIV POLYTECHNIC NATIONAL UNIVERSITY

Lviv Polytechnic National University consists of



- 16 educational and research institutes;
- Institute of distance learning;
- International Institute of Education, Culture and Ties with the Diaspora.
- Several scientific institutions



Research institutes of LPNU

- **INSTITUTE OF ARCHITECTURE**
- **INSTITUTE OF POWER ENGINEERING AND CONTROL SYSTEMS**
- **INSTITUTE OF GEODESY**
- **INSTITUTE OF CHEMISTRY AND CHEMICAL TECHNOLOGIES**
- **INSTITUTE OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGIES**
- **INSTITUTE OF COMPUTER TECHNOLOGIES, AUTOMATION AND METROLOGY**
- **INSTITUTE OF APPLIED MATHEMATICS AND FUNDAMENTAL SCIENCES**

Research institutes of LPNU

- **INSTITUTE OF TELECOMMUNICATION, RADIO AND ELECTRONIC ENGINEERING**
- **INSTITUTE OF HUMANITIES AND SOCIAL SCIENCES**
- **INSTITUTE OF CIVIL ENGINEERING AND ENVIRONMENTAL ENGINEERING**
- **INSTITUTE OF ECONOMICS AND MANAGEMENT**
- **INSTITUTE OF ENGINEERING MECHANICS AND TRANSPORT**
- **INSTITUTE OF LAW AND PSYCHOLOGY**
- **INSTITUTE OF ECOLOGY, NATURE PROTECTION AND TOURISM**

At Lviv Polytechnic National University there are more than 36,000 students plus 600 postgraduates, with more than 300 of them being from various countries.

66 Bachelor programmes (1st cycle)

128 Master programmes (2nd cycle)

100 Ph.D. specialties



The educational process is provided by a faculty of 2300 staff members, including over 300 professors (holding Dr.Sc. Degree) and over 1100 associate professors (holding Candidate of Sc. Degree)



PROGRAMMES IN ENGLISH

Bachelor programmes:

1. Mechanical engineering
2. Civil engineering

Master programmes:

1. Micro- and nanoelectronic instruments and devices
2. Information control systems and technologies
3. Computerized technologies and systems of publishing and printing industries
4. Biotechnology
5. Automated systems software
6. Artificial intelligence systems

Double degree programmes

Technical University of Ilmenau (Germany)

University of Applied Sciences (Gissen-Friedberg, Germany)

University of Manitoba (Winnipeg, Canada)

Technical University of Lodz (Poland)

University of Mining and Metallurgy (Krakow, Poland)

**Annually about 130 students participate in
DD programmes**

DD programme – model 1 (1st cycle)

Partner - University of Applied Sciences (Gissen-Friedberg, Germany)

4 years first degree programme (Bachelor of Electrical Engineering)

- 1st and 2nd year – study at Lviv Polytechnic**
- 3rd year – study at UAS**
- 4th year - at Lviv Polytechnic**
- Mutual recognition of field placement (enlarged at LPNU)**
- Agreed bachelor thesis/diploma work, two supervisors**

DD programme – model 2 (2nd cycle)

Partner - University of Ilmenau (Germany)

1 – 1.5 year second degree programme (Master of Engineering in Measuring Technology)

- **Mutual recognition of Bachelor degree**
- **1st and 2nd semesters – study at University of Ilmenau**
- **3rd semester – study at Lviv Polytechnic**
- **Agreed master thesis, two supervisors**
- **Partner participation in thesis defense**

DD programme – model 3 (2nd cycle)

Partner - University of Mining and Metallurgy (Krakow, Poland)

1 – 1.5 year second degree programme (Master of Economics in Accounting and Audit)

- Mutual recognition of Bachelor degree**
- 1st and 2nd semesters – study at Lviv Polytechnic**
- 3rd semester – study at UMM**
- Agreed master thesis, two supervisors**
- Partner participation in thesis defense**

R&D



- **Scientific and Research Department** (includes 88 research laboratories, Special engineering bureau of electro-mechanical systems; Crystal Center; ELVIT Research Institute);
- **Scientific and technical library;**
- **Publishing house;**
- **Polytechnic's design and engineering union;**
- **Geodesic ground;**
- **Astronomic and geodesic laboratory.**

**The following enterprises and companies are among customers of
scientific and research projects and developments of the
University:**

Country	Enterprise/Company
USA	Sherwin Williams PPG Industries Inc
Poland	Polimex-Mostostal Siedlce S.A.
Slovakia	HEFRA
Taiwan	Textile Research Institute
Egypt	National Office for Remote Sensing and Space Science 'EGYPTSAT-I'
Ukraine	<ul style="list-style-type: none"> •National Space Agency •Close Corporation 'Pivden'mash' •Design Bureau 'Pivdenne' named after M.K. Yanhel •State Enterprise of a Special Instrumentation 'Arsenal' •National Joint-Stock Company Naftogaz of Ukraine
In addition, companies from the UK, Canada, France, Italy, Austria, Switzerland and Bulgaria	

The university has more than 100 agreements on educational and scientific cooperation with more than 50 leading universities and research institutions in Europe, USA, and Asia.



International Scientific Cooperation

More than 250 scientists and university students annually go abroad for studying, training or to conduct research in terms of the programs of academic exchanges (Fulbright, DAAD, OEAD etc.) and individual grants (scholarships), concluded in the framework of cooperation agreements.

About 500 scientists and students annually participate in international conferences, seminars and exhibitions abroad.

More than 30 research projects are being conducted:

- in terms of scholarship programs of Science and Technology Centre in Ukraine, ICDD, CRDF;
- in terms of European Commission projects (FP7, TEMPUS, TACIS, ERASMUS MUNDUS, Erasmus+ etc.);
- according to numerous international agreements;
- According to commercial treaties commissioned by foreign companies and institutions;

Erasmus+

- 1. Erasmus KA1 2015-2016 – 24 projects (2015-2016)**
- 2. Erasmus KA2 – 4 projects including EDUQXAS**

Horizon 2020

- 1. 1 project in which LPNU is grant holder**

Several of international and educational projects:

1. Geoinformation Technologies, Spatio-Temporal Approaches, and Full Carbon Account for Improving Accuracy of GHG Inventories, FP7;
2. MASTIS Establishing Modern Master-level Studies in Information Systems
3. DocHub Structuring cooperation in doctoral research, transferrable skills training, and academic writing instruction in Ukraine's regions
4. Boosting the Knowledge Triangle by Establishing Innovation Offices in Ukrainian Higher Education Institutions (UNI4INNO), TEMPUS;
5. Geographic Information Technology for Sustainable Development in Eastern Neighbouring Countries (GIDEC), TEMPUS.

Lviv Polytechnic National University is a member of the following international organizations

- **Magna Charta Universitatum;**
- **European University Association (EUA);**
- **Alliance of Universities for Democracy (AUDEM);**
- **Association of Carpathian Region Universities (ACRU);**
- **Board of European Students of Technology (BEST);**
- **Association des Etats Généraux des Etudiants de l'Europe / European Students' Forum (AEGEE).**



Quality assurance at LPNU

- 1. Vice-rector for graduate education**
- 2. Department of monitoring and quality assurance of educational process**
- 3. Regulatory documents**