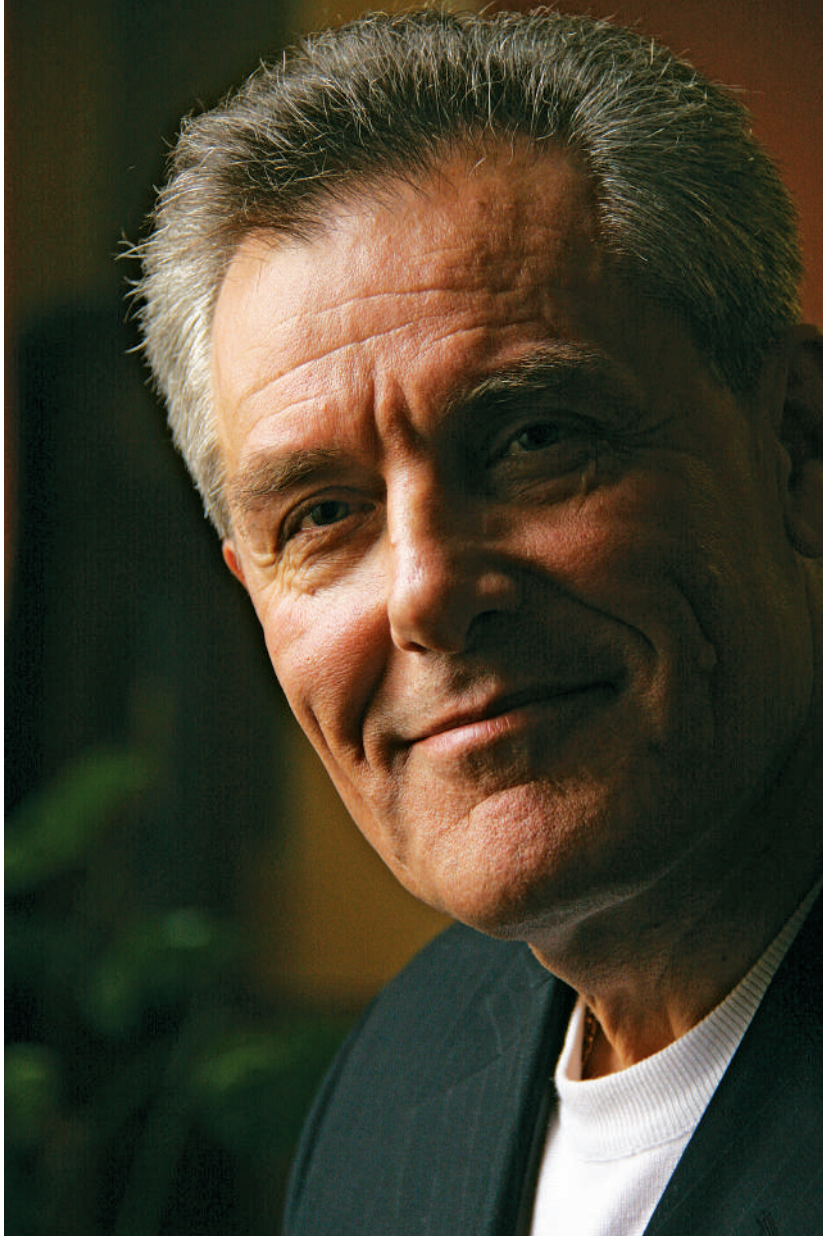


LVIV
POLYTECHNIC
NATIONAL
UNIVERSITY

CONTENTS

Rector's Welcome Speech	4	8. RESEARCH ACTIVITIES	30
About Lviv Polytechnic National University	6	— Major Research Areas	
1. LVIV POLYTECHNIC NATIONAL UNIVERSITY IN FIGURES	8	— Raising Funds for Research Works and Projects	
2. UNIVERSITY ADMINISTRATION	10	— Scientific Publications	
3. UNIVERSITY STRATEGY	12	— Postgraduate and Doctoral Studies	
4. OUR ADVANTAGES	14	9. INNOVATIVE ACTIVITIES	36
5. ACHIEVEMENTS AND AWARDS	18	— Cooperation with Enterprises	
— Lviv Polytechnic National University in Rankings		— Patents	
— Accomplishments and Awards in Science		— Innovation Infrastructure	
6. UNIVERSITY STAFF	20	10. INTERNATIONAL COOPERATION	44
7. EDUCATIONAL ACTIVITIES	22	— Areas of Development	
— Academic Institutes		— Membership in International Organizations	
— Colleges		— International Cooperation Agreements	
— A Contingent of Students		— International Scientific Cooperation	
— The Number of Students in Institutes		— Key Indicators of the University International Cooperation	
— Distribution of Students by Sources of Funding		11. INFORMATION SUPPORT	50
— The Number of Students of Extramural Education		12. MARKETING ACTIVITIES	54
— The Number of International Students		13. THE CAMPUS	58
— Distribution of International Students by Countries		14. CULTURE	62
— International Graduate Students		15. INCLUSIVE EDUCATION	68
— Academic Disciplines		16. SPORT AND RECREATION	70





Rector's Welcome Speech

Today, universities have been the centre of interest in society and play a crucial role in ensuring the successful development of the country. The prospects of forming intellectual capital, acquiring fundamental knowledge, generating innovative ideas and technological solutions are associated with universities.

Lviv Polytechnic National University is a university with more than two hundred years of traditions, which has gained international recognition and has a well-recognized brand. Our educational and scientific achievements in various fields of science are based on the synergy of engineering, natural, economic and socio-humanitarian schools. The fundamental principles that define the ideology of modern Lviv Polytechnic National University are high professionalism, academic freedom and institutional autonomy, innovation in research and teaching, trust, respect and justice.

The mission of our University is in training leaders who will work wisely, creatively, effectively, in the formation of such traits of future professionals as relevant professional competencies, systematic approach, critical and creative thinking, willingness to communicate, moral responsibility and patriotism that will help them fulfil their social role in today's dynamic world.

We strive to create a unique environment in Lviv Polytechnic National University, with modern academic, scientific and managerial standards, in which talented students and teachers interact effectively. Corporate and universal values, as well as conditions conducive for studying, working environment and harmonious development of the individual are provided.

*Rector of Lviv Polytechnic
National University*



*Professor **Yuriy Bobalo***



ABOUT LVIV POLYTECHNIC NATIONAL UNIVERSITY

Lviv Polytechnic National University is one of the oldest universities in the world: its origins date back to the early nineteenth century. For more than 200 years, the University has nurtured the national elite, developed and cherished scientific and educational traditions, holding a worthy place among the most authoritative higher education institutions of Ukraine and the world.

In the chronicles of the University – intellectual achievements of hundreds of prominent figures: builders, architects, chemists, mathematicians, mechanics, surveyors. They became symbols of Lviv Polytechnic National University, provided it with progress, obtained for it the glory of a higher institution of education and science. What they initiated is further developed by their scientific schools, gives impetus to the formation of new scientific schools and research areas.

The high level of teaching is provided by the academic teaching staff of the University, which involves the experienced professors and associate professors with young and creative teachers. Famous and known individuals are engaged into the educational process. They represent different spheres of activity and have the opportunity to share their own knowledge and experience with future professionals.

Lviv Polytechnic National University has concluded cooperation agreements with universities in the United States, Canada, Germany, Great Britain, Poland, France, Austria, Slovakia, Cyprus, Bulgaria and other countries. This cooperation consists in the participation of students, postgraduate students, doctoral students and teachers in international academic mobility programs, conducting research, implementation of joint educational and research projects.

Graduates of Lviv Polytechnic National University are highly qualified engineers and specialists in demand in all spheres of the economy of our country and in many countries around the world.

Today Lviv Polytechnic National University is a powerful educational and scientific center of Ukraine, one of the

oldest higher technical education institutions in Europe and the world. The University comprises 16 academic institutes, 9 colleges, over 100 departments. More than 33 thousand students acquire knowledge at the University, including more than 20 thousand full-time education students. Bachelor's, Master's and Doctors of Philosophy degree holders are trained at the University. The University has a developed infrastructure for the training of highly qualified personnel (doctoral studies according to 38 specialties, postgraduate studies according to 54 specialties, 23 specialized academic councils according to 55 specialties, 18 of which – for the defense of doctoral theses according to 47 specialties). Every year, graduate students, doctoral students and university staff defend about 30 doctoral and almost 100 PhD theses.

Over 2,300 full-time research and academic teaching staff, including 367 Doctors of Sciences and 1,316 PhD provide the educational process and work on basic and applied research and scientific and experimental development.

Lviv Polytechnic National University has a developed infrastructure and a powerful material and technical base for conducting research in a wide range of areas. Research and development work as well as experimental design work are carried out in the Research and Design Institute of Electronic Measuring and Computer Techniques (RDI EMCT), Research Center for Solid State Electronics and Crystal Sensors, 67 research laboratories (RL), science and design laboratories, territorial research laboratories, 8 branch research laboratories, regional research laboratories, educational and scientific laboratories, two test laboratories, certification bodies, technological safety centers, joint research laboratories with academic and branch institutions and enterprises. The developments created by scientists of the University are implemented at the enterprises of chemical, machine-building, construction, metallurgical and aerospace industries and in the military complex.

1 • LVIV
POLYTECHNIC
NATIONAL
UNIVERSITY
IN FIGURES



33 000
STUDENTS

2 000+
PROFESSIONALS

16 ACADEMIC
INSTITUTES

SCIENCES

AND
ARTS

TOP5 UNIVERSITIES
OF UKRAINE

2 • UNIVERSITY ADMINISTRATION



Rector

Yurii Bobalo

Doctor of Technical Sciences,
Professor, Corresponding Member
of National Academy of Pedagogical
Sciences of Ukraine



The First Vice-Rector

Oleh Matviukiv
Doctor of Technical Sciences,
Associate Professor



Vice-Rector for Vice-Rector for Academic Affairs and Strategic Development

Liliia Zhuk
Doctor of Economics,
Associate Professor



Vice-Rector for Research

Ivan Demydov
Doctor of Technical Sciences,
Associate Professor



Vice-Rector for Academic Affairs and International Relations

Nataliia Chukhrai
Doctor of Economics,
Professor



Vice-Rector for Academic Affairs

Pavlo Zhezhnych
Doctor of Technical Sciences,
Professor



Vice-Rector for Academic Affairs

Oleh Davydchak
PhD in Technical Sciences,
Associate Professor



Vice-Rector for Academic Affairs

Roman Korzh
Doctor of Technical Sciences,
Associate Professor



Vice-Rector for Economic Affairs – Chief Accountant

Anatolii Moroz
PhD in Economics,
Associate Professor



Vice-Rector for Training and Production

Volodymyr Kraiovskiy
Doctor of Technical Sciences



University Academic Secretary

Roman Brylynskyi
PhD in Technical Sciences,
Associate Professor

3 • UNIVERSITY STRATEGY

MISSION

to form future leaders who work wisely, creatively, effectively...

VISION

to become the best University in Ukraine according to international and national rankings

WE SEE LVIV POLYTECHNIC NATIONAL UNIVERSITY AS SUCH

- talented applicants for higher education
- quality teaching
- academic freedom
- developed corporate culture
- highly qualified staff
- relevant and in-demand research
- large and constant amounts of funding
- developed material and technical base, comfortable conditions for work and study
- effective management
- significant contribution into economic and social development
- high positions in global and national rankings
- widely recognized brand name

OUR VALUES

PROFESSIONALISM. We profess proficiency in the profession.

PATRIOTISM. We are committed to our University and proud of its history and present state.

INTEGRITY. We are honest, decent and responsible for the performance of our duties; trust, respect and justice prevail between us.

ACADEMIC FREEDOM. We strive for independence and autonomy during teaching, academic teaching, research, innovative activity, according to the principles of freedom of speech and creativity.

WILLINGNESS TO CHANGE. We strive for sustainable development and seek new opportunities.

SPIRITUALITY. We focus on universal, sociocultural and national values.

TRADITIONS. We cultivate respect for university and national traditions.

THE MAIN STRATEGIC OBJECTIVES ARE

1. To attract talented young people motivated to study at the University.
2. To create an atmosphere conducive to learning process, work and personal development.
3. To improve the quality of staff productivity, increase the percentage of young scientists in research and academic teaching staff.
4. To take the first place among national universities according to the amount of completed international grants.
5. To increase the level of the University presence in the global information space.

4 • Our advantages



**LVIV
POLYTECHNIC
IS
CONSIDERED
AS**

- 1** The combination of classical education and innovative technologies

- 2** High quality education and international recognition of diplomas

- 3** Scientific career: from Bachelor's and Master's degrees to PhD and Doctor of Sciences

- 4** Possibility to obtain a second higher education

- 5** International cooperation: exchanges, training and internship abroad

- 6** Possibility of advanced foreign language learning

- 7** Teaching of the specialized disciplines in English

- 8** Modern material and technical basis for laboratory work and research

- 9** Possibility to be employed in successful Ukrainian and international companies, where students take practical training while studying

- 10** Possibility of getting accommodation in the University halls of residence

- 11** Versatile student life (dancing, singing, acting studios, students' festivals, concerts, discos etc.)

- 12** Availability of Sports Complex (sports hall, swimming pool, shooting range, ski resort)

- 13** Availability of educational and recreational infrastructure



5 • Achievements and Awards

LVIV POLYTECHNIC NATIONAL UNIVERSITY IN RANKINGS

THE WORLD
UNIVERSITY
RANKINGS
TIMES HIGHER
EDUCATION WORLD
UNIVERSITY
RANKINGS (2020)



801+ place

The main indicators are international student and staff mobility, the number of international scholarship programmes, the level of research, contribution to innovations, citation of scientific publications, the level of educational services etc.

QS UNIVERSITY
RANKING: EECA

QS GLOBAL WORLD
RANKING 751-800

EECA 113
(2020)



The ranking covers universities in 22 developing countries of Europe and Central Asia. The main criteria are: academic reputation of the University, the ratio of academic teaching staff and students, the University reputation among employers, the number of international students and teachers, the number of scientific papers and citations of University scientists, the number of staff with academic degrees.

INTERNATIONAL
RANKING OF
WEBOMETRICS
INTERNET
PRESENCE
(2019)



The 7th place among 320 higher education institutions of Ukraine and the 3074th place in the world ranking.

It acknowledges the level of integration into the global information space and the authority of a university.

RANKING
BY THE NUMBER
OF PUBLICATION
CITATIONS
(2020)



The 8th place among higher education institutions of Ukraine.

Evaluation criteria are the number of scientific publications and their citations (Hirsch index).

ACADEMIC
RANKING “TOP-200
UKRAINE” DRAWN
UP BY THE UNESCO
(2019)



The 4th place among higher education institutions of Ukraine.

It is formed according to the indicators of quality of academic teaching potential, quality of education and indicators of international recognition.

CONSOLIDATED
RANKING OF
HIGHER EDUCATION
INSTITUTIONS IN
UKRAINE (2019)

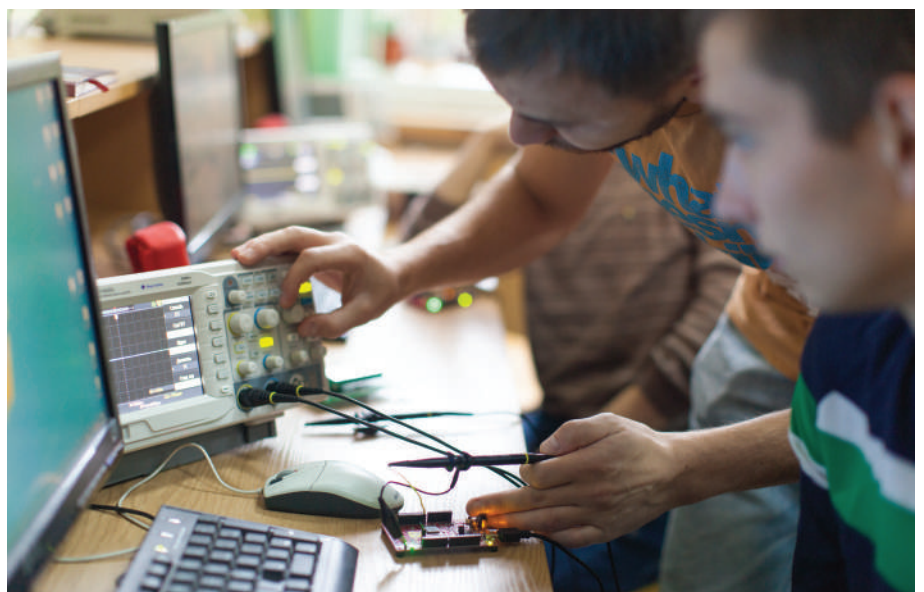


The 7th place among higher education institutions of Ukraine.

It is based on the results of the UNESCO “TOP-200 Ukraine”, Scopus and Webometrics rankings

ACCOMPLISHMENTS AND AWARDS IN SCIENCE

Every year the University scientists and researchers participate in national and international exhibitions, such as Modern Education in Ukraine, Education of Ukraine, Innovative Technologies for Learning, Innovation in Education of Ukraine, Landscape Architecture and Design, Landscape Garden, Modern Education Institutions, Education and Career, Modern Education Establishments, New Time, Iwis-International Warsaw Inventions Show, Innovation in Modern Education, Arms and Security etc.



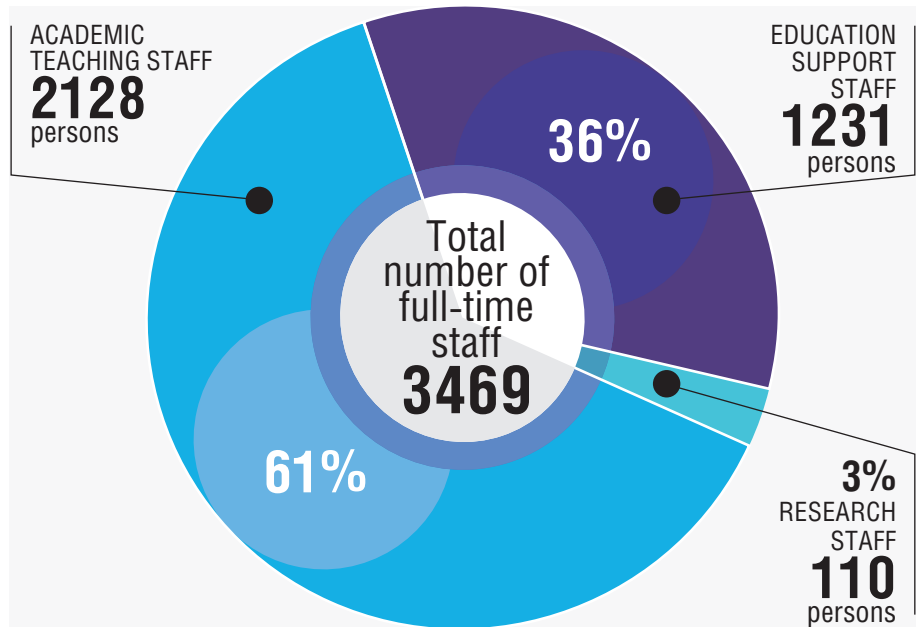
The following facts prove high level of research conducted at Lviv Polytechnic National University in 2019:

- 1 state award of Ukraine;
- 3 representatives of University staff with honorary titles (Honored Figure of Science and Technology of Ukraine, Honored Worker of Education of Ukraine);
- 2 state scholarships for outstanding scientists;
- 7 state scholarships for outstanding scientists;
- 1 Certificate of Merit issued by the Cabinet of Ministers of Ukraine;
- 3 awards of the President of Ukraine for young scientists;
- 1 grant of the President of Ukraine to Doctors of Sciences for conducting research;
- 3 grants of the President of Ukraine to support the research of young scientists;
- 1 award of the Verkhovna Rada of Ukraine to the most talented young scientists in the field of basic and applied research and scientific and technical developments;
- 1 nominal scholarship of the Verkhovna Rada of Ukraine for the most talented young scientists;
- 1 academic scholarship of the President of Ukraine for students of higher education institutions and postgraduate students;
- 1 academic scholarship of the Cabinet of Ministers of Ukraine to students of higher education institutions and postgraduate students;
- 1 academic scholarship named after M. S. Hrushevskiy for students and postgraduate students of higher education.

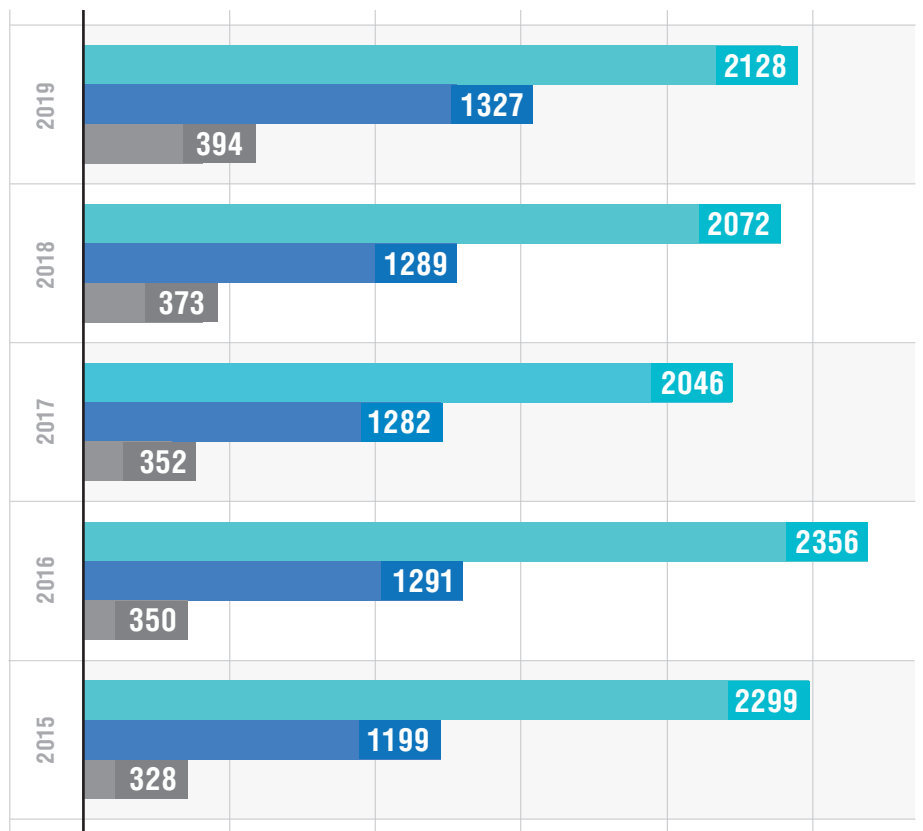
Among the achievements of Lviv Polytechnic workers in 2019 there are also awards of the regional state administration and regional council for workers of scientific institutions and institutions of higher education (universities, academies, institutes) of Lviv region and other awards and honors of regional level, public organizations and institutions etc.

6 • University Staff

FULL-TIME STAFF



ACADEMIC TEACHING STAFF





7 • Educational Activities

ACADEMIC INSTITUTES

INSTITUTE OF ARCHITECTURE AND DESIGN (IARD)

(specialists in the fields of architecture and construction, arts and culture are trained)

INSTITUTE OF CIVIL ENGINEERING AND BUILDING SYSTEMS (CEBS)

(teaching of fundamental and professionally oriented engineering disciplines is provided and specialists in the fields of architecture and construction, civil safety are trained)

INSTITUTE OF GEODESY (IGD)

(specialists in the fields of geodesy, land planning, and Earth sciences for environmental monitoring using geodesy, geodynamics, remote sensing and mathematical modeling methods are trained)

INSTITUTE OF THE HUMANITIES AND SOCIAL SCIENCES (IHSS)

(teaching of the humanities and social sciences is provided and specialists in the fields of information technologies, social and behavioral sciences, arts and culture, social work are trained)

VIACHESLAV CHORNOVIL INSTITUTE OF SUSTAINABLE DEVELOPMENT (ISD)

(specialists in the fields of natural sciences, manufacturing and technologies, management and administration, service sector, social and behavioral sciences are trained)

INSTITUTE OF POWER ENGINEERING AND CONTROL SYSTEMS (IPEC)

(teaching of fundamental and professionally oriented engineering disciplines is provided and specialists in the fields of electrical engineering, automation and instrument making are trained)

INSTITUTE OF ECONOMICS AND MANAGEMENT (IEM)

(specialists in the fields of social and behavioral sciences, management and administration are trained)

INSTITUTE OF JURISPRUDENCE, PSYCHOLOGY AND INNOVATIVE EDUCATION (IJPIE)

(specialists in the fields of social and behavioral sciences, law and journalism are trained)

INSTITUTE OF ENGINEERING MECHANICS AND TRANSPORT (IEMT)

(specialists in the field of engineering mechanics and transport are trained)

INSTITUTE OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGIES (ICSIT)

(specialists in the fields of information technologies, the humanities, manufacturing and technologies are trained)

INSTITUTE OF COMPUTER TECHNOLOGIES, AUTOMATION AND METROLOGY (ICTA)

(specialists in the fields of information technologies, automation and instrument making are trained)

INSTITUTE OF ENTERPRISE AND ADVANCED TECHNOLOGIES (IEAT)

(specialists in the fields of social and behavioral sciences, management and administration, information technologies are trained)

INSTITUTE OF APPLIED MATHEMATICS AND FUNDAMENTAL SCIENCES (IMFS)

(specialists in the fields of social and behavioral sciences, natural sciences, mathematics and statistics, information technologies are trained)

INSTITUTE OF TELECOMMUNICATIONS, RADIOELECTRONICS AND ELECTRONIC ENGINEERING (ITRE)

(specialists in the fields of automation and instrument making, electronics and telecommunications are trained)

INSTITUTE OF CHEMISTRY AND CHEMICAL TECHNOLOGIES (ICCT)

(specialists in the fields of chemical bioengineering, mechanical engineering, manufacturing and technologies, healthcare are trained)

INSTITUTE OF ADMINISTRATION AND POSTGRADUATE EDUCATION (IAPE)

(programs for obtaining Bachelor's, Specialist's and Master's degrees and professional development courses for specialists in all fields and specialties licensed at the University are provided)

as well as

INSTITUTE OF DISTANCE EDUCATION (IDE)

(an opportunity for students to gain basic higher education on-the-job is provided; education process is conducted by using distance learning technologies such as video classes with electronic textbooks, manuals and other methodological support).

INTERNATIONAL INSTITUTE OF EDUCATION, CULTURE AND DIASPORA RELATIONS (IECDR)

(was established for developing cooperation with higher education institutions, strengthening educational and cultural relations with the Ukrainian diaspora)

COLLEGES

- ZOLOCHIV COLLEGE
- KOLOMYIA POLYTECHNIC COLLEGE
- LVIV AUTOMOBILE AND ROAD COLLEGE
- INFOCOMMUNICATIONS LVIV COLLEGE
- TECHNICAL AND ECONOMIC COLLEGE
- TECHNICAL COLLEGE
- TECHNOLOGICAL COLLEGE
- KHMELNYTSKYI POLYTECHNIC COLLEGE
- COLLEGE OF TELECOMMUNICATIONS AND COMPUTER TECHNOLOGIES



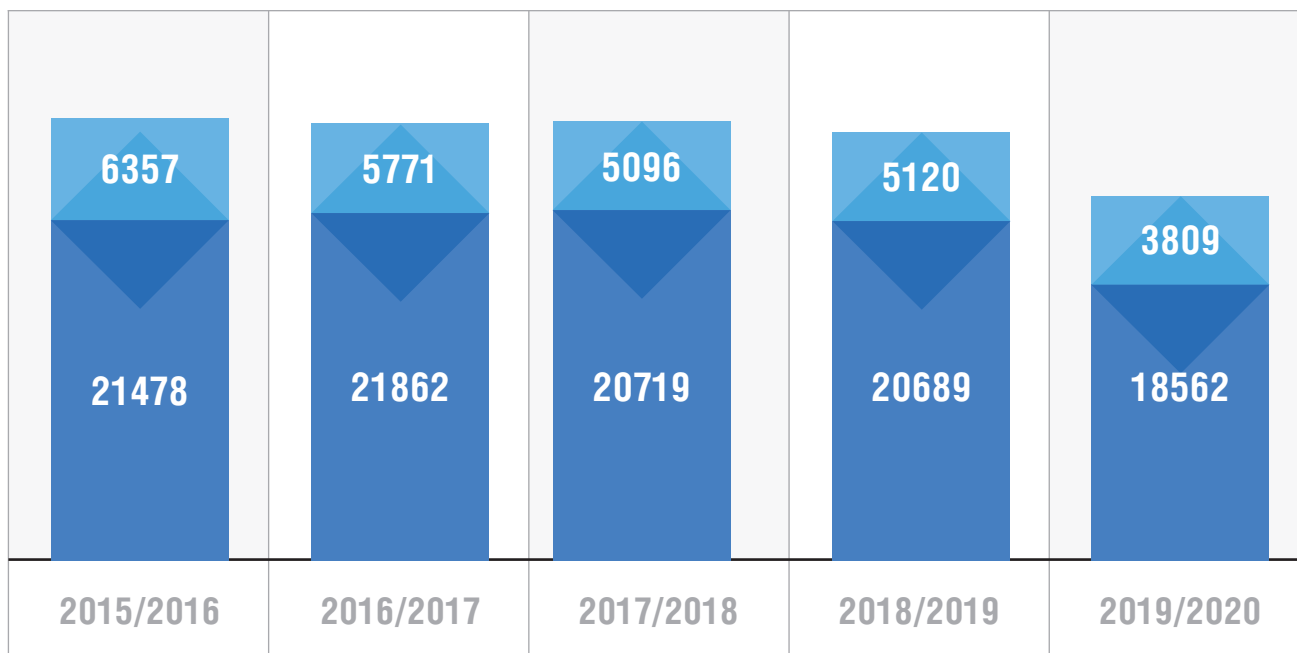
A CONTINGENT OF STUDENTS

Lviv Polytechnic is one of the biggest universities in Ukraine. The University total enrolment in **2019 is 25208 students.**

Total contingent of students

2015	2016	2017	2018	2019	2020
27 835	27 633	25 815	25 809	25 208	22 371

Changes in the number of full-time and extramural education for students in 2014– 2019 are shown in the Figure.

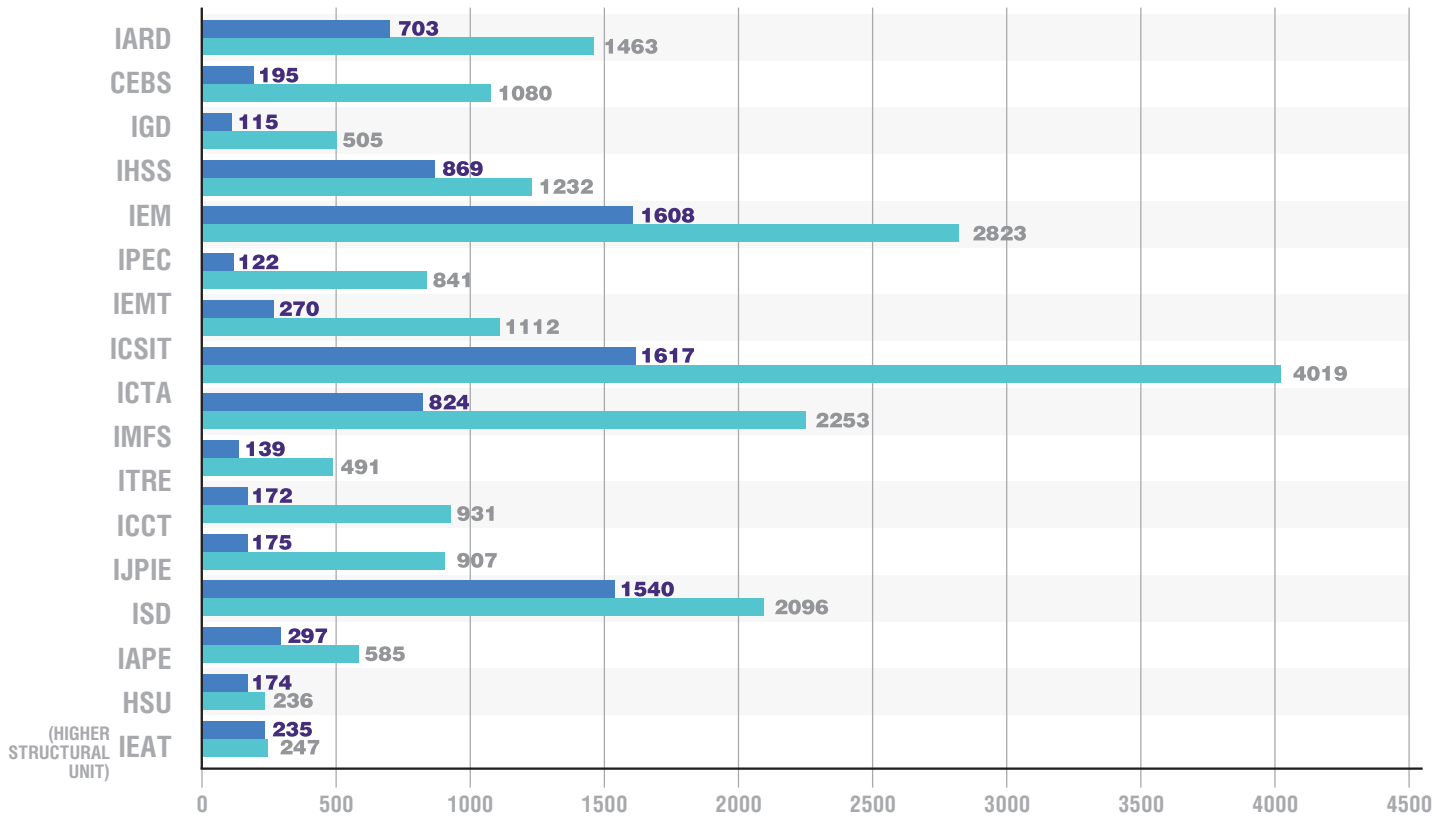


Full-time education for students |
 Extramural education for students |

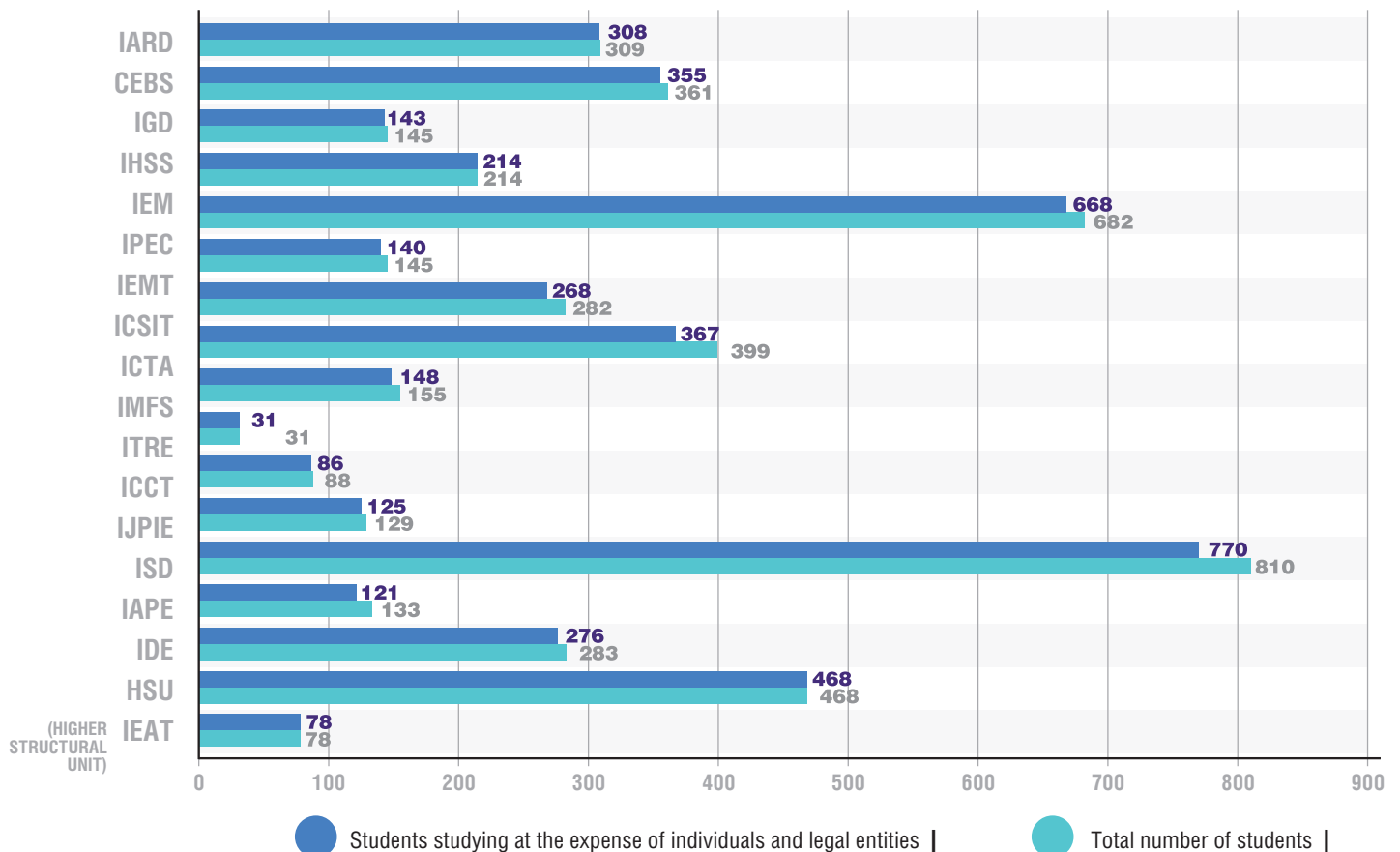


THE NUMBER OF STUDENTS IN INSTITUTES

A contingent of students of full-time education in 2019 – 2020



A contingent of students of extramural education in 2019 – 2020

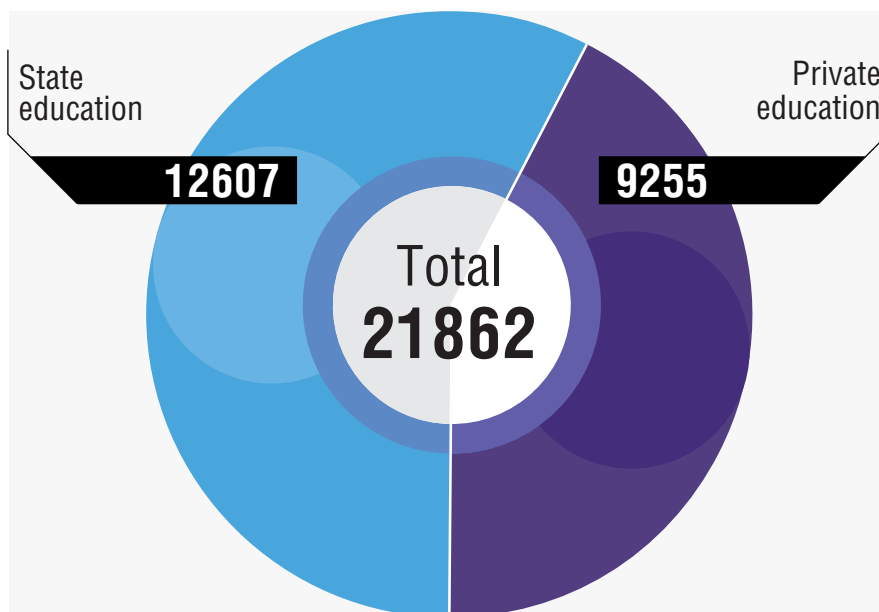


Students studying at the expense of individuals and legal entities |

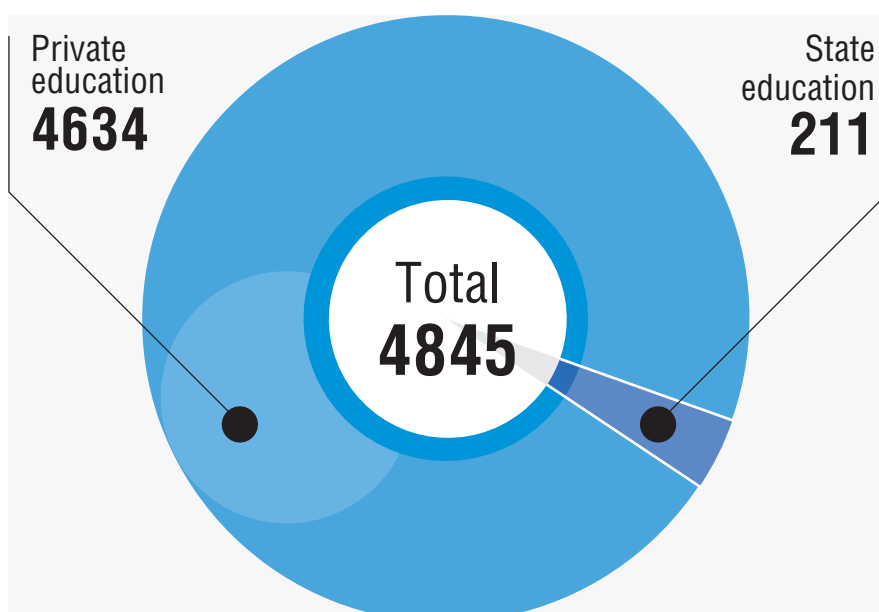


Total number of students |

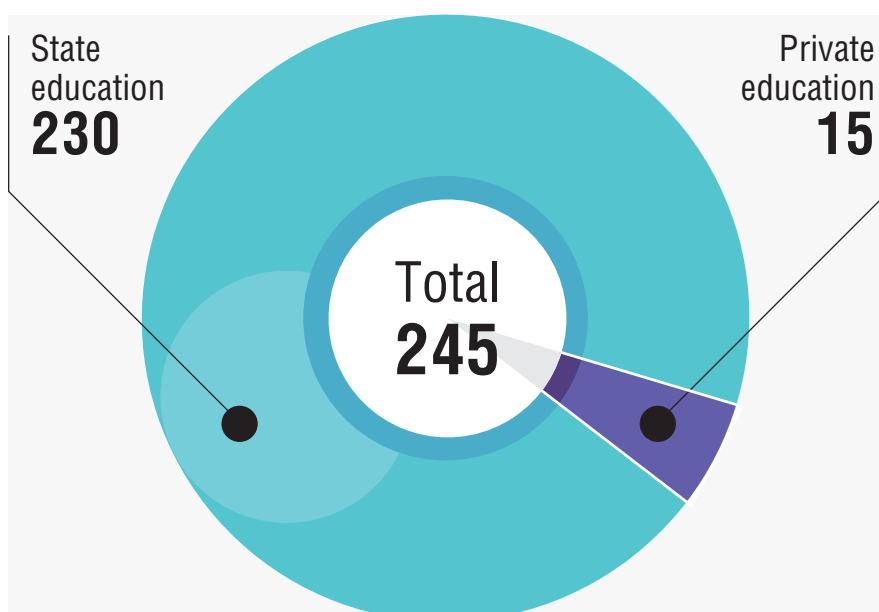
DISTRIBUTION OF STUDENTS BY SOURCES OF FUNDING



THE NUMBER OF STUDENTS OF EXTRAMURAL EDUCATION



THE NUMBER OF INTERNATIONAL STUDENTS

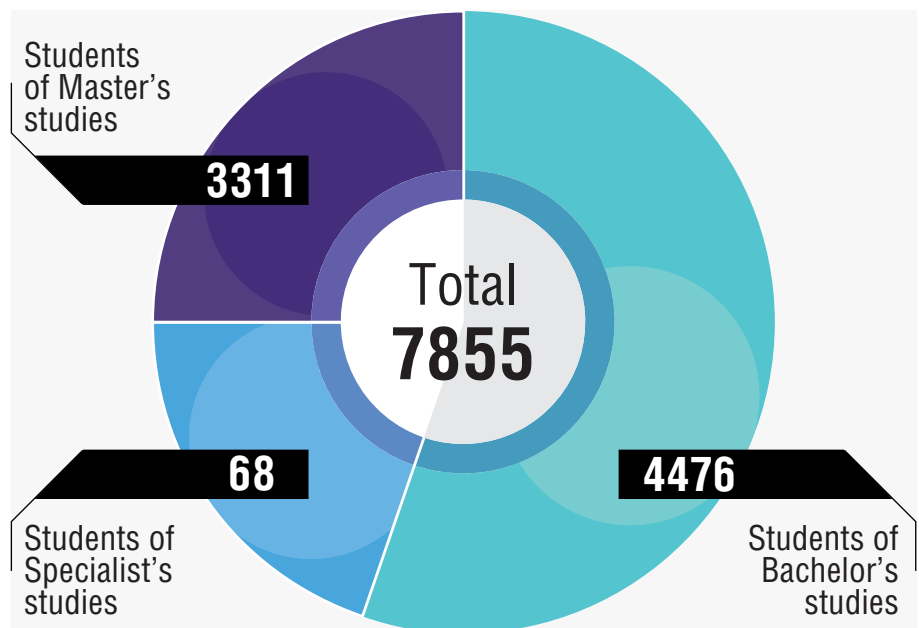


DISTRIBUTION OF INTERNATIONAL STUDENTS BY COUNTRIES

The vast majority of international students are from Ecuador, Egypt, Congo and Morocco.

Azerbaijan	2	Lebanon	1
Angola	3	Morocco	63
Bangladesh	1	Moldova	1
Belarus	1	Nigeria	2
Burkina Faso	2	Germany	1
Vietnam	5	Pakistan	2
Ghana	5	Palestine	7
DR Congo	19	Poland	2
Ecuador	37	Russia	4
Egypt	53	Rwanda	3
Zambia	1	USA	1
Jordan	11	Tunisia	1
Kazakhstan	2	Turkey	9
China	2	Turkmenistan	16
Latvia	1	Uzbekistan	1

INTERNATIONAL GRADUATE STUDENTS



ACADEMIC DISCIPLINES

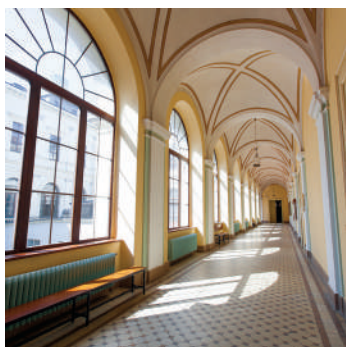
18 ACADEMIC DISCIPLINES ARE TAUGHT IN ENGLISH AT THE UNIVERSITY

BACHELOR (4 YEARS)	MASTER (1.5-2 YEARS)	PH.D. (4 YEARS)	MBA (2 YEARS)
Applied Mechanics	Applied Mechanics	Electrical Energetic, Electrical Engineering and Electromechanics	General MBA for International Students
	Industrial Engineering	Building and Civil Engineering	
Industrial Engineering	Information Systems & Technologies	Architecture and Town Planning	
	Architecture and Urban Planning	Automation and Computerintegrated Technologies	
Construction and Civil Engineering	Construction and Civil Engineering	Micro- and Nano-System Technology	
	Marketing	International Economic Relations	
Computer Science	Management	Marketing	
	International Economic Relations	Management	
Management	Artificial Intelligence		

140 disciplines of different specialties are taught in foreign languages (English, German, Polish, Japanese languages)

8 • RESEARCH ACTIVITIES

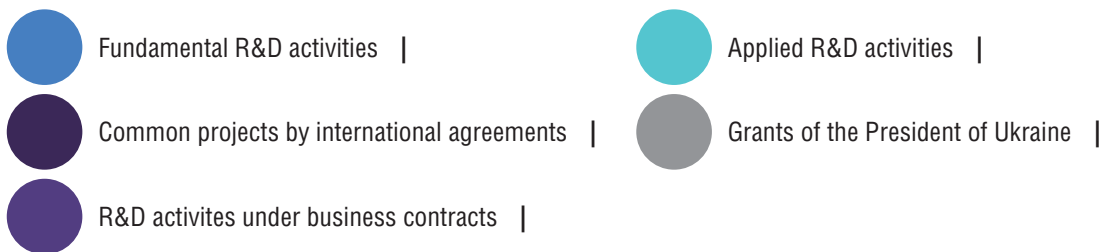
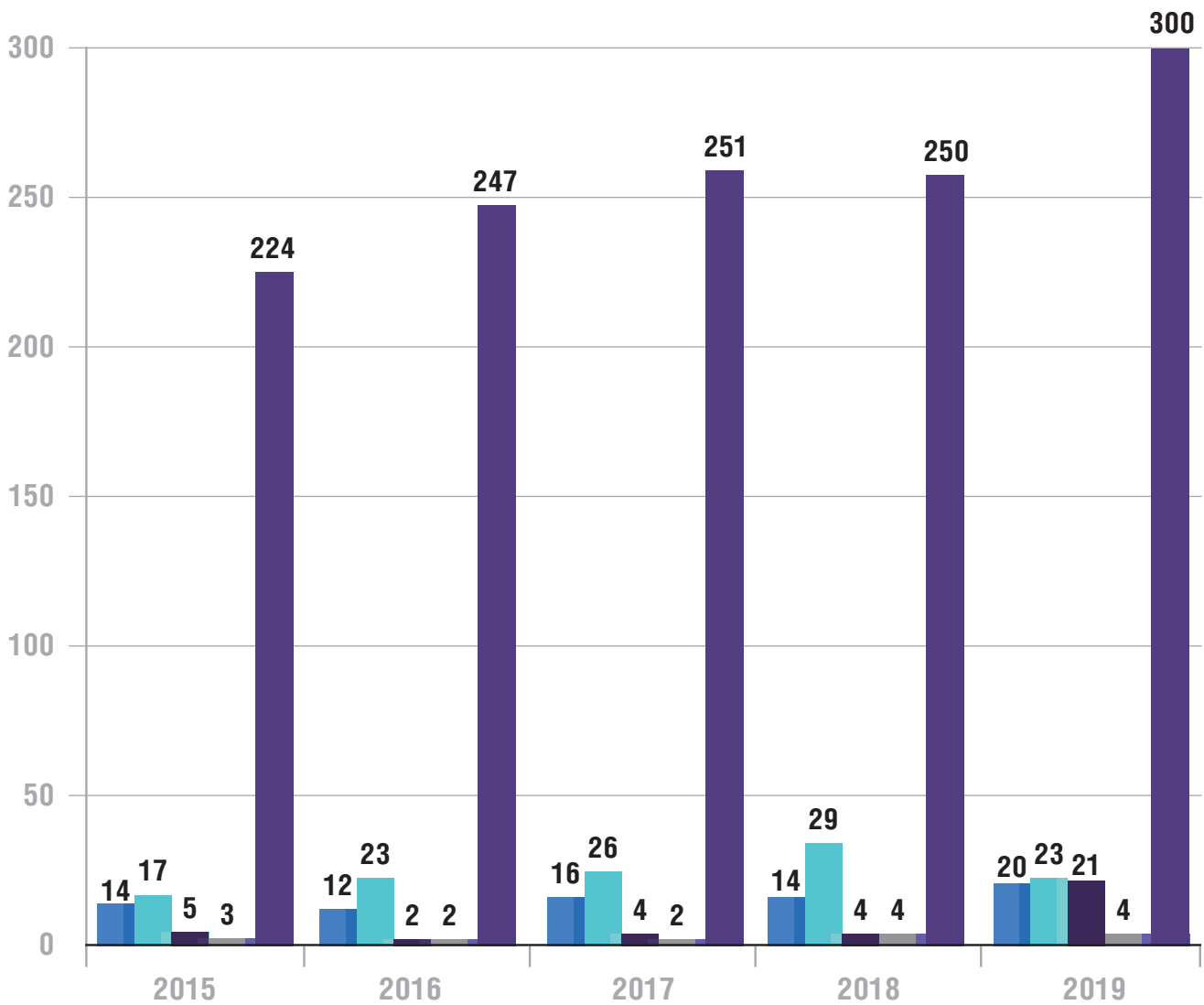
MAJOR RESEARCH AREAS



1. Formation of people's dwelling environment through architecture and city planning.
2. Theoretical and experimental research of construction design of buildings, structures and bridges, development of energy and resource efficient construction technologies, progressive building materials and improvement of energy efficiency of heat and gas supply systems and water conservation.
3. Geoinformation monitoring and environmental assessment using methods of geodesy, cartography, remote sensing and land cadastre.
4. Topical issues of the Humanities and Social Sciences.
5. Resource-saving technologies, environmental protection measures, and principles of assessment and utilisation of recreational and tourism potential of territories.
6. Issues of economics and innovative development management.
7. Resource-saving technologies and intelligent control systems in power supply for economic entities.
8. The invention of innovative technologies, technical systems and materials in industry and transport, diagnostics of machines, constructions and buildings.
9. Perspective computer systems and information technologies.
10. Development of theoretical bases, hardware and software, mathematical support of computer, measurement, control, and information security systems, their metrological supervision and certification testing.
11. Legal, psychological, and information problems of statehood development in Ukraine.
12. Development of mathematical methods and physical-mechanical models and their application to solving applied problems.
13. Infocommunication radioelectric, electric, and optoelectric systems and appliances, materials and components.
14. Development of theoretical bases and technological processes of obtaining new organic and non-organic substances and materials for various purposes.
15. Diaspora and migration processes in Ukrainian and world dimensions: political, economic, educational, cultural aspects.

Research at Lviv Polytechnic National University is conducted according to the priority areas of science and technology development in Ukraine. Annually, research staff of the University perform over 50 research projects, gain grants of the President of Ukraine to support young scientists (PhD and Doctors of Sciences), implement common projects by international agreements (international projects under the auspice of the Ministry of Education and Science of Ukraine).

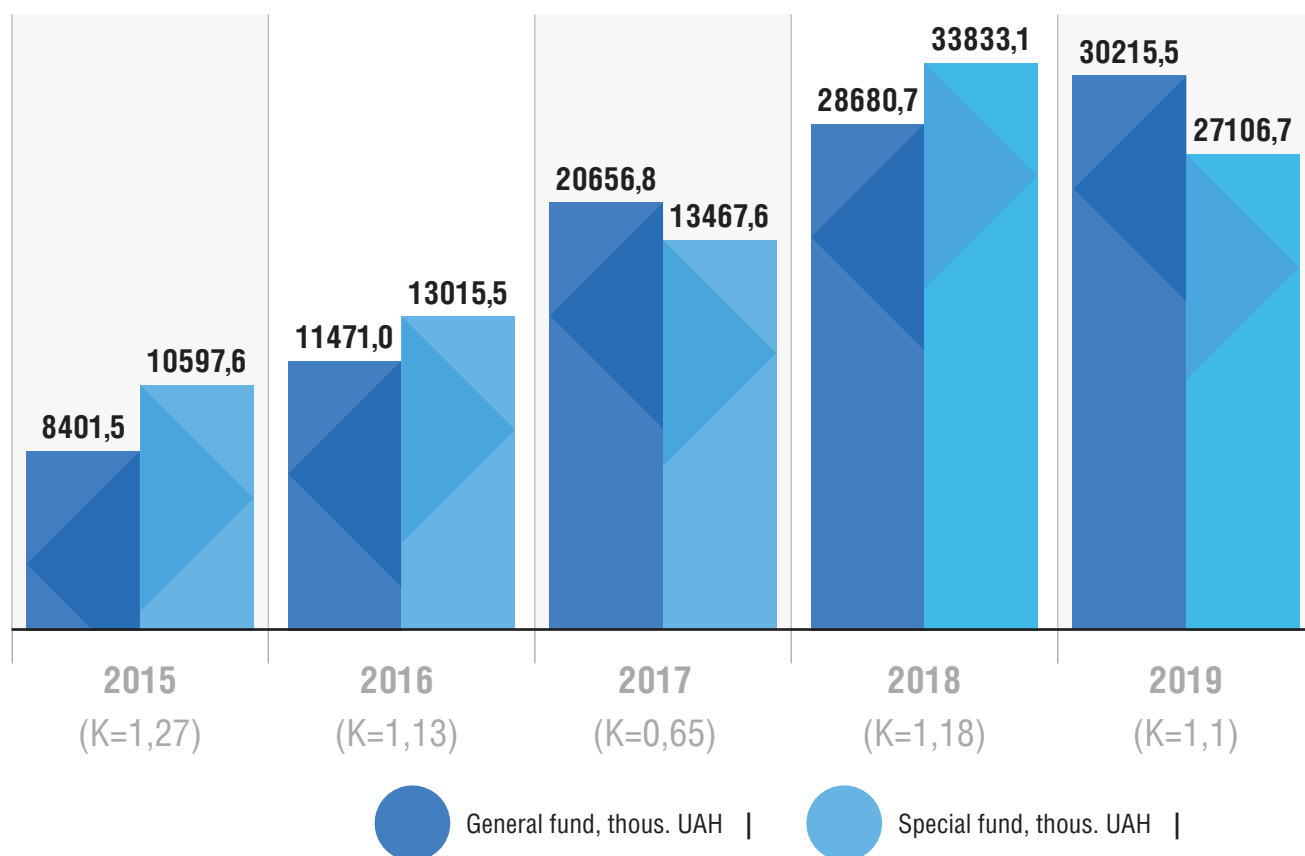
The number of research projects carried out at the University in 2015-2019 is presented in the Figure:



RAISING FUNDS FOR RESEARCH WORKS AND PROJECTS

The ratio of revenues to the special fund and funding from the general fund of state budget for the University averages 1.1 (see. Figure). In terms of attracting extra-budgetary funds for research works, Lviv Polytechnic National University is one of the first higher education institutions in Ukraine.

Dynamics of funding research works from general and special funds



Research work is also carried out by academic teaching staff according to their individual plans (research themes of the departments are registered in the Ukrainian Institute for Scientific Technical Expertise and Information). Every year about 150 research works are conducted at the departments of the University.

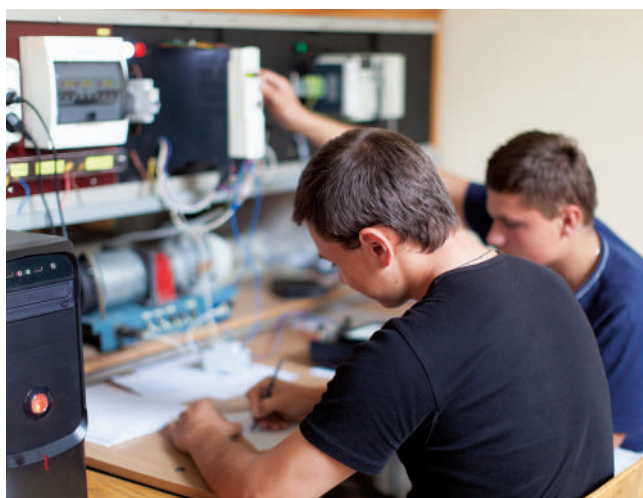
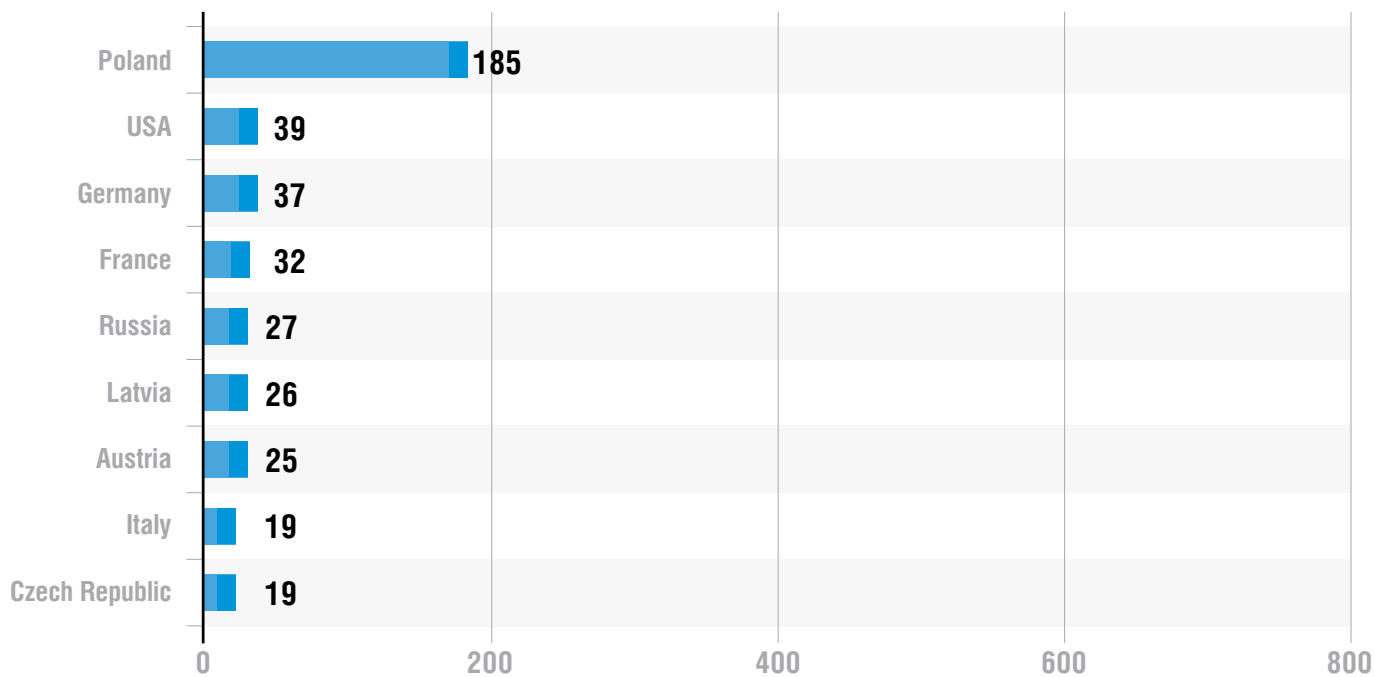
SCIENTIFIC PUBLICATIONS

The University publishes 34 scientific periodicals. *The Chemistry and Chemical Technology* journal in English is listed in Scopus scientometric database.

Every year University scientists publish more than 3000 scientific papers in professional journals and publications included into scientometric databases.

CO-AUTHORSHIP WITH FOREIGN SCIENTISTS

(according to the Web of Science)



POSTGRADUATE AND DOCTORAL STUDIES

Certification of research and academic teaching staff at the University is performed by 23 specialized scientific councils for the defense of doctoral and PhD theses according to 55 specialties, including 18 doctoral councils according to 47 specialties. During 2019, 35 doctoral and 100 PhD theses were defended in the specialized academic councils of the University, including 24 doctoral and 68 PhD theses by doctoral students, postgraduate students and University staff.



Lviv Polytechnic has 23 specialized scientific councils according to 55 specialties, 18 of them for obtaining the degree of Doctor of Sciences according to 47 specialties.



The specialized scientific councils include well-known Doctors of Sciences, University professors leading famous scientific schools, as well as scientists from other institutions of higher education, institutes of the National Academy of Sciences of Ukraine, etc.

The specialized scientific councils covering the following areas of knowledge:

02	Chemistry
05	Technical Sciences
08	Economics
12	Law
13	Pedagogical sciences
17	Fine Art
18	Architecture

9 • Innovative activities

COOPERATION WITH ENTERPRISES

- Roshen Confectionery Corporation
- Alliance fran aise
- State Agency for the Prevention of Alcohol-Related Problems, (Poland)
- Stowarzyszenie Producentow Komponentow Odlewnicznych KOM-CAST
- Grupa LOTOS S.A.
- Diamond FMS B.V.
- Fujikura Automotive Ukraine Lviv
- L'Arche International
- Wet Wipes International
- ABB, Z rich
- LG



PATENTS

To insure the intellectual property rights protection of research works which have been conducted at the units of Lviv Polytechnic National University, every year about 100 patents on inventions and useful models are granted.

The University successfully carries out research work on the creation of scientifically based production, high level of which is approved with protective documents for objects of intellectual property rights – over 700 patents on inventions, useful models, industrial samples, certificates of authorship of a written work, computer programs, certificates of registration of trademarks for goods and services.

The inventive work of the University scholars, which involves students as well, embraces a wide range of areas in different fields. Lviv Polytechnic National University owns protective documents for devices, machines, equipment for various operations, means of specialized computational technology, information and measuring systems, software products, building materials and structures, electro-energetic systems and power supply systems, new materials and technologies for electronic engineering, technologies for electronic, pharmaceutical, and medical fields, biotechnology, nanomaterials, nanoappliances, nanotechnology.

According to the results of Invention of the Year all-Ukrainian competitions, Lviv Polytechnic National University has been repeatedly recognised as a winner for the originality of developments and novel technical solutions in various categories.



TECH STARTUP SCHOOL STARTUP SCHOOL



INNOVATION INFRASTRUCTURES

The development of Tech Startup School focuses on the development of innovative projects, the commercialization of inventions and the training of startup leaders and innovators. For this purpose, during 2018-2019, a startup training and competition of Startup breakthrough startups was held – an event that brought together startups and innovators, successful entrepreneurs, investors, representatives of large technology corporations and government officials to discuss technology trends, present startup projects and form new generation of domestic entrepreneurs.

10 winning teams became participants in the acceleration program and had the opportunity to present their own startups in 2019 at the Investor Day in Germany (Thuringia). In particular, more than 300 applications for participation in the competition were received, more than 30 investors helped to develop ideas, 7 projects received financial support and are commercialized.

On the basis of the Startup school a Biotech and Pharma cluster was created, the participants of which were entrepreneurs, public organizations, universities, research and educational institutions, city authorities, namely: Lviv Polytechnic National University, NGO Tech Startup School, Enzym Private Joint-Stock Company, Limited Liability Company Explogen (Explogen Llc), Limited Liability Company XEMA, Lviv Regional Fish Factory (Private Joint-Stock Company), Limited Liability Company Novations. Development. Leadership.-Group (Llc N.D.L.-Group), Technology Transfer Office Up To Future (Uf), NGO Ukrainian Medical Society in Lviv, Ivan Franko National University of Lviv, Danylo Halytsky Lviv National Medical University, Lviv National Stepan Gzhytskyi University of Veterinary Medicine and Biotechnologies, State Scientific-Research Control Institute of Veterinary Medicinal Products and Feed Additives, Institute of Cell Biology of National Academy of Sciences of Ukraine, Institute of Animal Biology of National Academy of Sciences of Ukraine, Lviv City Children's Ecological and Naturalistic Center, Lviv Physics and Mathematics Lyceum at Ivan Franko National University of Lviv and Lviv City Council.

This cluster will promote: the development of research and innovation activities in the field of biotechnologies in Lviv by creating modern laboratories and a special industry fund for research funding; implementation of biotechnological business projects; creation of high-skilled jobs; economic development of Lviv, attracting foreign investment, etc.

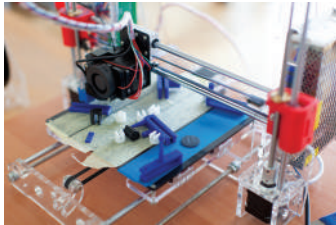
Together with Lviv City Council, the Innovative Spring 2018 forum was held twice. It included a presentation of startups, business lectures (from leading entrepreneurs, investors, politicians, public figures) and a scientific and technological exhibition.

A Creative Spark grant from British Council in the amount of about 2 million UAH was obtained in order to teach entrepreneurship and create startups for young people. It provides participant involvement in 12 cities of Ukraine in the amount of 600 people. Employees of the Startup School and academic teaching staff of the Department of Administrative and Financial Management had the internship at Kingston University (London), where they developed a Technology for Startup Development special course in English for students and participants of the Creative Spark program. This team took part in hearings in the British Parliament on Real changes in Ukraine with the participation of Ukrainian politicians, diaspora and community leaders.

For the first time in Ukraine, StartUpMarket – a permanent exhibition of startups and inventions for potential investors and consumers was opened. More than 50 exhibits are presented at the exhibition.

A grant from Lviv City Council was obtained and the MG Club project was implemented. It is a club of intellectual development of the future inventor according to the AboutIT program, according to which 35 students in Lviv were trained.





EDUCATIONAL AND SCIENTIFIC LABORATORIES AND CENTERS ESTABLISHED UNDER THE AUSPICE OF FOREIGN COMPANIES AND INSTITUTIONS

Educational and scientific laboratories and centres, created with the support of enterprises and companies, including foreign ones, contribute to increasing the quality of education and provide the educational process with technical means of learning.

- Educational laboratory of the *Fujikura company* (Japan).
- Educational laboratory of flexible methodologies of software development (with support of *Sigma Software*).
- Training and research centre *Schneider Electric* (France).
- Training and research centre of *Moeller firm* (Germany).
- Research laboratory of low-voltage electrotechnical equipment of *ABB* (Switzerland), *ETI* (Slovenia) companies.
- Training centre for computer diagnostics of transport means *Lviv Polytechnic – Bosch Academy*.
- Training and research laboratory on IT-technologies (*EPAM Systems*, the biggest developing company in the sphere of IT-consulting in Eastern Europe).
- Training centre *Computer technologies of design and processing products* (in the framework of cooperation between Ukrainian higher education institutions and *Delcam plc.* company, the UK).
- Training and research laboratory of processing satellite measurements (with the support of *Leica Geosystems company*, Switzerland).
- Training and research laboratory of geodesy, geoinformatics and 3D-scanning (in the framework of TEMPUS program).
- Навчально-наукова лабораторія геодезії, геоінформатики та 3D- сканування (у межах проекту «TEMPUS»).

RESOURCE CENTRE OF EDUCATIONAL INFORMATION TECHNOLOGIES FOR PEOPLE WITH SPECIAL NEEDS

The Centre aims at processing and practical implementation of information technologies oriented towards people with severe vision impairment. Efforts of the Resource Centre employees are focused on developing and implementing inclusive education of blind school students and students by preparing video content with audio description, adapting manuals and textbooks, namely with the help of DAISY, Braille, Audio, printing in tactile writing system, preparing educators for work with blind school students in the context of inclusion, introducing modern technical means and programs into educational process.

The Resource Centre has started practical implementation of principles and foundations of inclusive learning in educational institutions of various types with orientation to a wide range of educational programs, subjects and specialties, having designed the Ukrainian model of inclusive education of visually impaired school students and constructed their educational path.

INTELLECTUAL TRAINING AND RESEARCH CENTRE OF VOCATIONAL AND CAREER EDUCATION

The centre helps to identify professional inclinations and facilitates future profession choice as well as provides a high level of knowledge and ensures an appropriate training for admission to Lviv Polytechnic National University.

Modern realities require that the graduates of higher education institution be able to generate ideas, understand the ultimate goal of a specific project and work in teams. The focus of the university cultural and educational activities carried out simultaneously with the preparation of highly qualified specialists is on formation of the national professional elite. To implement the concept of educational and career guidance, the University successfully practices new forms of cooperation with potential applicants, their parents and civil society in general.

The possibilities for educational and career guidance at Lviv Polytechnic National University have increased essentially due to active participation of the Intellectual Training and Research Centre of Vocational and Career Education in the work of Osvita Cluster at Lviv City Council.

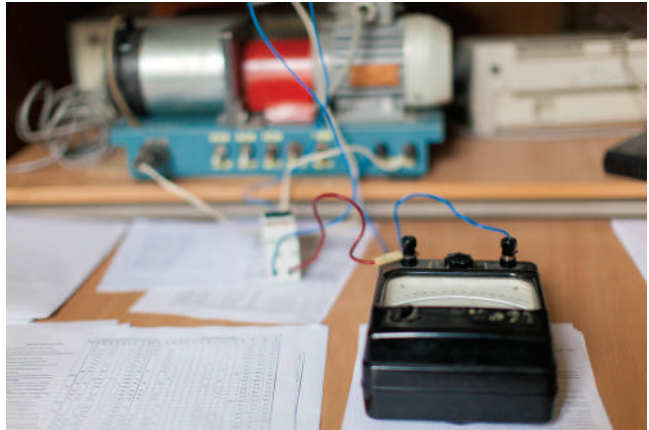
The Small Technical Academy of Science, which helps to identify professional interests, to justify future professional choice and to involve talented, promising young people into education, contributes significantly to the general concept of career guidance and educational activities of Lviv Polytechnic National University. At the Small Technical Academy of Science, school students have opportunities to do independent research, carrying out investigations within the framework of scientific and educational projects. For those from remote regions, there is an opportunity to be involved in research online via the Internet.

Roundtables, workshops, meetings with school students and their parents, invitation of successful graduates to take part in these events are changing the way of educational environment by putting into practice high principles of educational and cultural activities of Lviv Polytechnic National University, being a national self-governing (autonomous) research institution of higher education. Days of "Open Doors" at Lviv Polytechnic University have become a regular event and are held involving a video-conferencing service supported by the state-of-the-art technologies.

Lviv Polytechnic National University, being a successful participant of science festivals, career and educational fairs, has attracted interest of our colleagues-educators outside the national boundaries. Particularly, at the invitation of the Polish agency Polimedia, society ExploRes and Polish radio Pzeszow, the Intellectual Training and Research Centre of Vocational and Career Education represented its exposition at the Second Interactive Festival of Knowledge called Researcher's Day in Rzeszow (Poland). The international experience is used successfully for submitting Horizon 2020 grant applications.







10 • International Cooperation

AREAS OF DEVELOPMENT

INTERNATIONAL COOPERATION IS ONE OF THE IMPORTANT AREAS OF LVIV POLYTECHNIC NATIONAL UNIVERSITY INNOVATIVE DEVELOPMENT THAT CONTRIBUTES TO ITS BECOMING A MODERN EUROPEAN MULTIDISCIPLINARY ACADEMIC AND RESEARCH UNIVERSITY.

1. Participation of academic teaching staff and university students in academic mobility programs.
2. Training of international university students according to educational training programs.
3. Admission of international students and academic teaching staff to participate in academic mobility programs and research events at Lviv Polytechnic National University.
4. Preparation of project proposals and implementation of international educational projects and grants.
5. Training of international students at a preparatory department.

MEMBERSHIP IN INTERNATIONAL ORGANIZATIONS

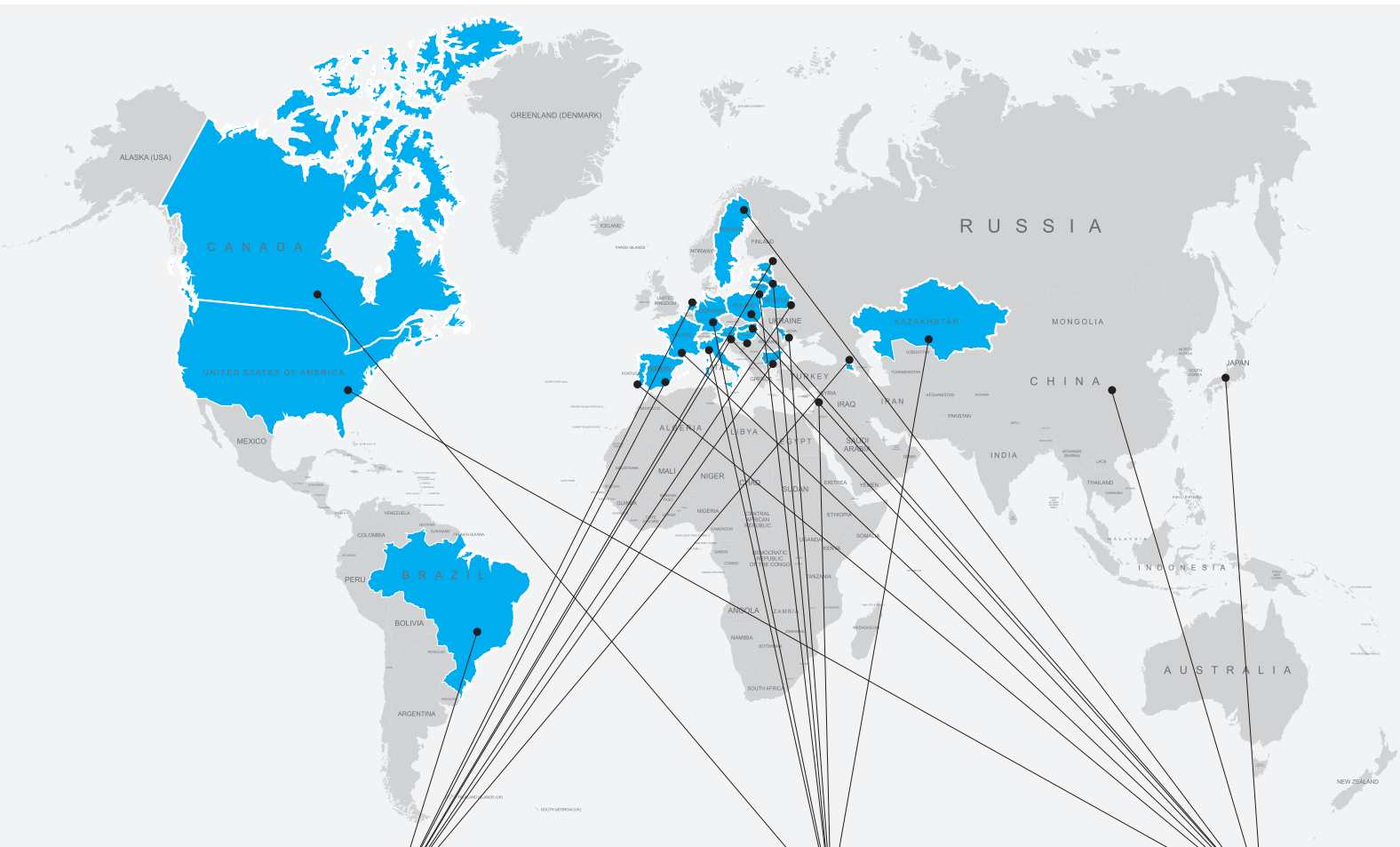
LVIV POLYTECHNIC IS A MEMBER OF INTERNATIONAL ASSOCIATIONS, WHICH PROVIDES AN OPPORTUNITY TO COMMUNICATE WITH THE WORLD'S LEADING UNIVERSITIES AND PARTICIPATE IN INTERNATIONAL EDUCATIONAL PROGRAMS AND PROJECTS:

- *Magna charta Universitatum (MCU)*
- *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 generaux des Etudiants de l'Europe*
- */ European students' Forum (AEGEE)*
- *L'agence universitaire de la Francophonie (AUF)*

The participation in these authoritative organizations helps the University establish new contacts, find partners for preparing and implementing international projects, develop academic and research mobility, increase the level of information support of international activities.

INTERNATIONAL COOPERATION AGREEMENTS

The main mechanism for the implementation of international cooperation is scientific, educational and cultural cooperation based on 236 International Cooperation Agreements with 31 countries in Europe, America and Asia.



AUSTRIA	2	CANADA	2	ROMANIA	1
AZERBAIJAN	3	CHINA	5	SLOVAKIA	6
BELARUS	3	KOREA	1	USA	5
BULGARIA	5	LATVIA	1	TURKEY	3
BRAZIL	1	LITHUANIA	3	FRANCE	5
ARMENIA	1	LEBANON	1	CZECH REPUBLIC	3
GEORGIA	1	MOLDOVA	4	MONTENEGRO	1
ESTONIA	1	GERMANY	16	SWEDEN	2
SPAIN	1	PALESTINE	1	JAPAN	1
ITALY	11	POLAND	137		
KAZAKHSTAN	3	PORTUGAL	6		

INTERNATIONAL SCIENTIFIC COOPERATION

IN 2019 ACCORDING TO THE ERASMUS + KA1 – ACADEMIC MOBILITY EU PROGRAM LVIV POLYTECHNIC NATIONAL UNIVERSITY HAS CONCLUDED 25 INTERINSTITUTIONAL AGREEMENTS,

the partners of which are ten universities from Poland, four from Germany, three from France, two from Italy and one each from Lithuania, Portugal, Belgium, Spain, Croatia and Turkey. In total, in 2019 the number of existing interinstitutional agreements under the Erasmus + KA1 program was 85. It is worth noting the new interinstitutional agreement signed with the University of Kingston (UK), which provides for the mobility of 21 students, 42 teachers and 16 people during three years to participate in trainings.

According to the Mevlana Turkish government's academic exchange program, six agreements have been signed with Turkish universities.

Dual degree programs at the University are being implemented under 38 agreements during 2019, five new ones have been signed.

51 students and a postgraduate student and 58 academic teaching staff of the University took part in the projects of academic mobility according to the Erasmus + KA1 program. In particular, in 2019, 17 students and 2 postgraduate students were sent to Kingston University to study and 23 academic teaching staff to teach.

According to the double degree programs at the EU Partners of higher education institutions, 74 students of Lviv Polytechnic National University studied, including 52 with IEM, 6 with CEBS, 6 with IARD, 5 with IGD, 3 with IAPE, and 2 with ICTA.

In 2019, the first visits according to the Mevlana Turkish government's academic exchange program were held. Five academic teaching staff of the University took part in this program. According to this program, Lviv Polytechnic National University accepted one student of Karabuk University for one term of study at IEMT.

In 2019, the practice of attracting foreign teachers and scientists to participate in the Visiting Professor programs and to give individual lectures was continued.

In 2019, Lviv Polytechnic National University created new departments, whose activities are aimed at developing the internationalization of educational and scientific spheres, in particular:

- **Center for Sino-Ukrainian Cooperation;**
- **Center for Italian-Ukrainian Cooperation.**

IN RECENT YEARS, THE UNIVERSITY HAS IMPLEMENTED 29 AGREEMENTS degree programs in various specialties of Bachelor's and Master's levels with European universities.

• POLAND	• SLOVAKIA	• AUSTRIA
• GERMANY	• SLOVENIA	• ROMANIA
• FRANCE	• LITHUANIA	• GREECE
• BELGIUM	• IRELAND	• SWEDEN and etc.



KEY INDICATORS OF THE UNIVERSITY INTERNATIONAL COOPERATION

Active participation in the work of 7 European and regional university associations

Cooperation with 237 leading universities of the world on the basis of international framework agreements on cooperation

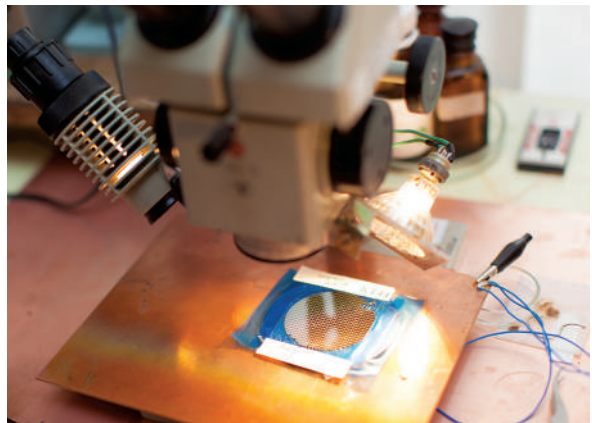
Participation of scientists, academic teaching staff and students in the implementation of 32 international projects funded according to the programs of the European Union

29 agreements on training in double degree programs with European Higher Education Institutions

Regular meetings, trainings, seminars for students and academic teaching staff with the involvement of international partners, experts, coaches on participation in academic mobility programs

Training of more than 8800 specialists for other countries

Regular international educational and cultural events with the Ukrainian diaspora abroad



1 1 • INFORMATION SUPPORT

AREAS OF DEVELOPMENT

IN 2017-2019, LVIV POLYTECHNIC NATIONAL UNIVERSITY STAFF ISSUED 992 UNITS OF METHODOLOGICAL MATERIALS (RECOMMENDATIONS AND INSTRUCTIONS) AND 74 COURSES OF LECTURES ON ACADEMIC DISCIPLINES AND OTHER COMPONENTS OF CURRICULA.

The activity of teaching and methodical work of teachers in the Virtual Learning Environment (VLE) of Lviv Polytechnic National University has increased. In total, VLE (<http://vns.lpnu.ru>) contains 3021 copies of certified electronic educational and methodical complex (EEMC), 1750 of which are concluded individually and 1271 – by author collaboration.

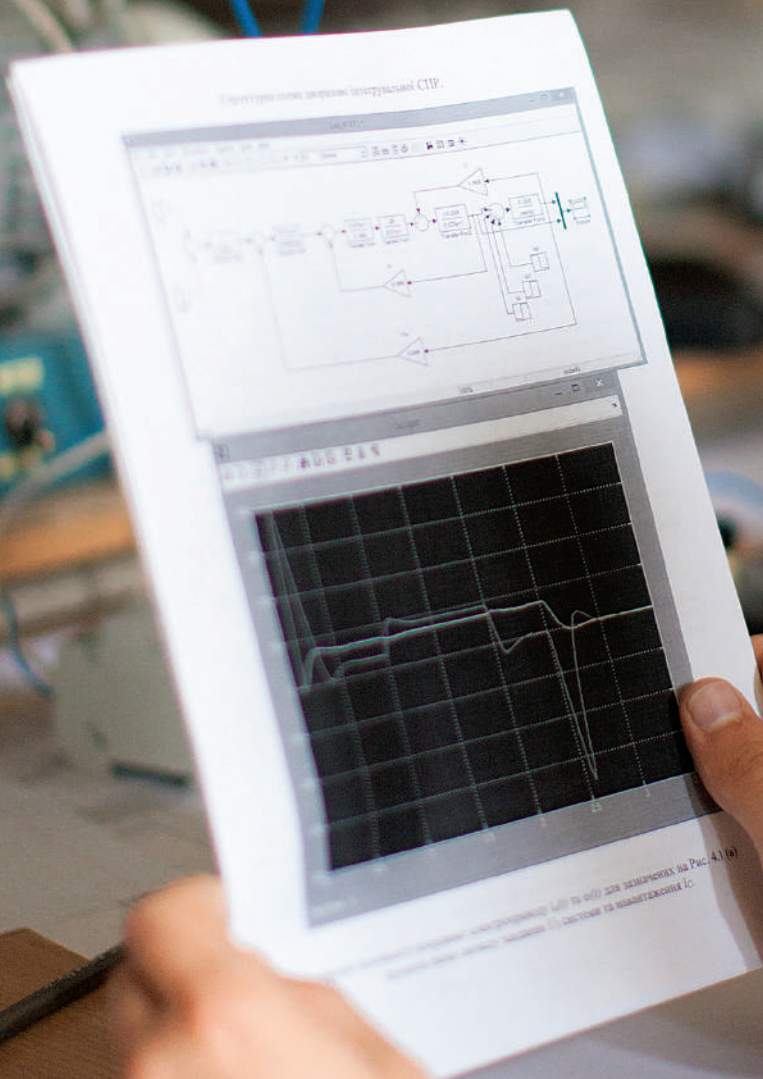
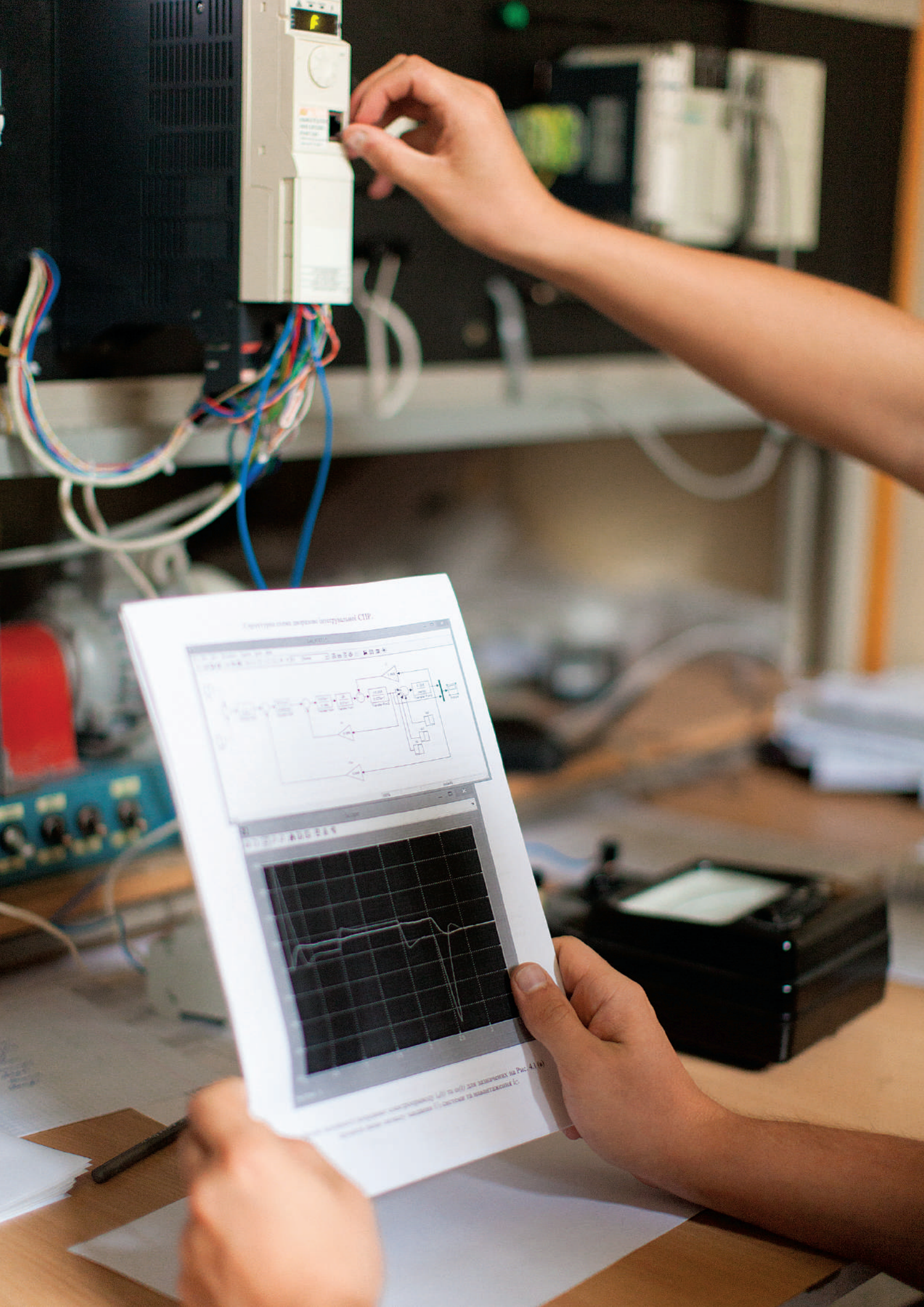
IN THE REPORTING YEAR, ACCORDING TO THE RESULTS OF THE REPOSITORY RATING, THE ELECTRONIC SCIENTIFIC ARCHIVE OF LVIV POLYTECHNIC NATIONAL UNIVERSITY ([HTTP://ENA.LP.EDU.UA](http://ena.lp.edu.ua)), TOOK FIRST PLACE AMONG THE REPOSITORIES OF UKRAINE AND THE 56TH PLACE IN THE WORLD OUT OF 2664.

Owing to the introduction of new software modules and integration into international harvesters, the attendance of the repository has increased to 5 million.

The electronic catalogue of the Scientific and Technical Library has replenished with 22.5 thousand of new documents. In 2019, the total number of unique documents in the electronic catalogue was 565.3 thousand, and the number of copies reached 1283.4 thousand.

MATERIAL AND TECHNICAL BASE IS DEVELOPED AT THE EXPENSE OF EXTERNAL FINANCING, IN PARTICULAR:

- at the Department of Artificial Intelligence Systems of ICSIT – with the support of such IT companies as GlobalLogic, SoftServe and Eleks, three new computer laboratories with a total of more than 40 training places equipped with modern computers have been created;
- at the Department of Measuring Information Technologies of ICTA – educational and scientific laboratory at the expense of the German holding Leoni has been established;
- at the Department of Specialized Computer Systems of ICTA – a modernized laboratory of embedded and microprocessor systems with the assistance of the so-called Siemens Healthineers has been set up;
- in the information and educational computer complex – a specialized laboratory for the design of embedded systems supported with the GlobalLogic IT company;
- at the Department of Computerized Automatic Systems of ICTA – a new IT laboratory, which is equipped with 14 workplaces, laser engraver, 3D printers, robots and laptops, has been built. The opening of the laboratory was funded by seven cluster companies: general partners Sigma Software and SoftServe, exclusive partner PLVision LLC, gold partners Intellias, Perfectial, Conscensia and silver partner Vakoms; in ICSIT there is a center of engineering programming with the support of the AMC Bridge IT company;
- at the Department of Electronic Computing Machines of ICTA – a laboratory of cyberphysical systems, the purchase of equipment for which was funded by Cypress.



THE UNIVERSITY WEB SERVICES ARE ACTIVELY IMPLEMENTED AND USED:

STUDENT CABINET (<https://student.lpnu.ua>) provides the following opportunities:

- a choice of separate disciplines to study;
- review and printing of individual student curricula;
- survey of students about the level of their satisfaction with the educational process;
- formation of electronic queues for submission of postgraduate reports.

STAFF CABINET (<https://staff.lpnu.ua>) displays the data of the University staff, in particular, information about the author's profiles in scientometric databases, information about enrollment, financial incentives, awards, etc.

INTRANET OF THE UNIVERSITY (<https://portal.local>) provides search of documents of the normative base of the University, search of electronic contacts, coordinates of divisions, University staff and students.

UNIVERSITY MEDIA BANK (<media.lpnu.ua>) is used to consolidate multimedia materials (photos and videos) about the activities of Lviv Polytechnic National University.

THE SCIENTIFIC DICTIONARY WEB SYSTEM (<http://dictionary.lpnu.ua>) contains a description of more than 1,300 scientific and technical terms translated into English and is intended for University staff and students of the University who use it in the educational process and research work.

SINGLE INFORMATION WINDOW (within the Student Cabinet – <https://staff.lpnu.ua>) is used for the centralized information about events and activities organized by the University.



IN ADDITION, ALL ACADEMIC TEACHING STAFF, POSTGRADUATE STUDENTS AND STUDENTS ARE PROVIDED with an access to the latest services of corporate e-mail, group and office work, video conferencing and video broadcasts with academic subscriptions of Google Apps for Education and Microsoft Office365, Microsoft Imagine subscription, which includes Microsoft system and application software.

THE UNICHECK.COM AND STRIKEPLAGIARISM.COM online services are used to check PhD theses and Master's theses for the academic plagiarism.

Some University sites in the lpnu.ua domain are connected to SSL certificates, which increases the security of their use and has a positive effect on the ranking of university information resources in global search engines.



12 • Marketing Activities

AREAS OF DEVELOPMENT

The main objectives of marketing activity are to maintain external and internal corporate communications, promote and improve the image of Lviv Polytechnic National University in the market of educational and research services in Ukraine and abroad, as well as disseminate scientific and technological products of the University.

The academic institutes, Scientific and Technical Library, student self-government, the Council of Young Scientists make significant contribution to the process of popularizing the University by organizing numerous scientific and entertainment events.

SCIENTIFIC PICNICS AND SCIENTIFIC «FESTYNY»

Scientific picnics and scientific "Festynty" are science and intellect festivals following European university traditions. The main purpose of the events is to establish an international scientific and technical cooperation, popularization of science among young people, involving children and students to science, thereby encouraging them to choose a scientific career in the future.

In special tents every academic institute presents its scientific and technical developments and specialties, demonstrates inventions and interesting experiments. A variety of events are organized within the University campus: exhibitions, 3D-drawings on asphalt, quests, master classes, intellectual competitions and quizzes, sporting contests, performances of extreme sports enthusiasts, the Prosvita People's House amateur groups performances, charitable auctions of artworks and other events.

ENGINEERING CAREER FAIR

It is an exhibition of leading companies that invite students and young professionals who want to explore their career opportunities. The companies offer jobs and internships, and students communicate personally with their representatives, have an opportunity to prepare and submit their resumes directly to the employer.

In addition to the exhibitions of companies, many other interesting events take place, such as meetings with famous people, who reveal the secrets of their success and tell the students how to achieve it.

Moreover, during the Engineering Career Fair a lot of trainings and seminars are held. They are aimed at teaching and informing students about their career opportunities. More detailed information is available at: <http://ejf.best-lviv.org.ua/>

«WEAPONS AND SECURITY» AND THE «INNOVATION MARKET» FORUM

Lviv Polytechnic National University was represented at the forum by students of Internet of Things and Artificial intelligence innovative specializations who took second place in the presentation of their projects. In addition, the representatives of the University took part in the Innovation in the educational process discussion and in the work of the Startup-alley, which was functioning during the forum.

ECO-WEEKEND

The main idea is to emphasize the responsibility of each of us for the ecology of the environment in which we live. Schoolchildren, students, teachers, university staff, as well as organizations not indifferent to environmental issues, carry out a variety of bright and at the



same time useful activities aimed at making people realize that they can make a small contribution to the protection of the environment. There are five themed areas during the Eco-weekend: lectures, fairs, leisure, literacy and space.

FRESHMAN DAY

The first-year students in an informal atmosphere and accompanied by entertainment programs will have the opportunity to get familiar with all the possibilities and subtleties not only of the educational process, but also of a rich student life.

ALUMNI FORUM

An event designed to bring together and unite generations of Lviv Polytechnic National University, their efforts and aspirations for development. It is traditionally held on the first Saturday of June with the active participation of the Alumni Association.

***DINNER EN BLANC
(DINNER IN WHITE)***

Dinner in White is a separate event of the Alumni forum.

If you look deeper and apprehend the University life, it becomes obvious that both students and staff of Lviv Polytechnic National University have, in fact, interesting ideas and projects that can improve the lives of the whole community.

An unusual format for the meeting of Lviv Polytechnic National University – dinner en Blanc (dinner in white) – a special format of a charity event, the history of which began in France in 1988. Guests traditionally come in white, bring food with them.

As a part of the dinner in white, a charity auction was held to raise funds to support Lviv Polytechnic National University projects. They are designed to create a space for effective learning, work, self-development and recreation.

***INTERNATIONAL
STUDENTS' DAY***

The event is held in order to increase the level of recognition of the University in the international arena and strengthen educational opportunities for international students.

For this purpose, representatives of agencies were invited to Lviv Polytechnic National University. They are engaged in the recruitment of foreign citizens to study in higher education institutions of Ukraine, in particular the Ukrainian State Center for International Education. During the event, all the opportunities of the University for international students will be presented, a tour will be held, and areas of cooperation will be discussed.





13 • The Campus

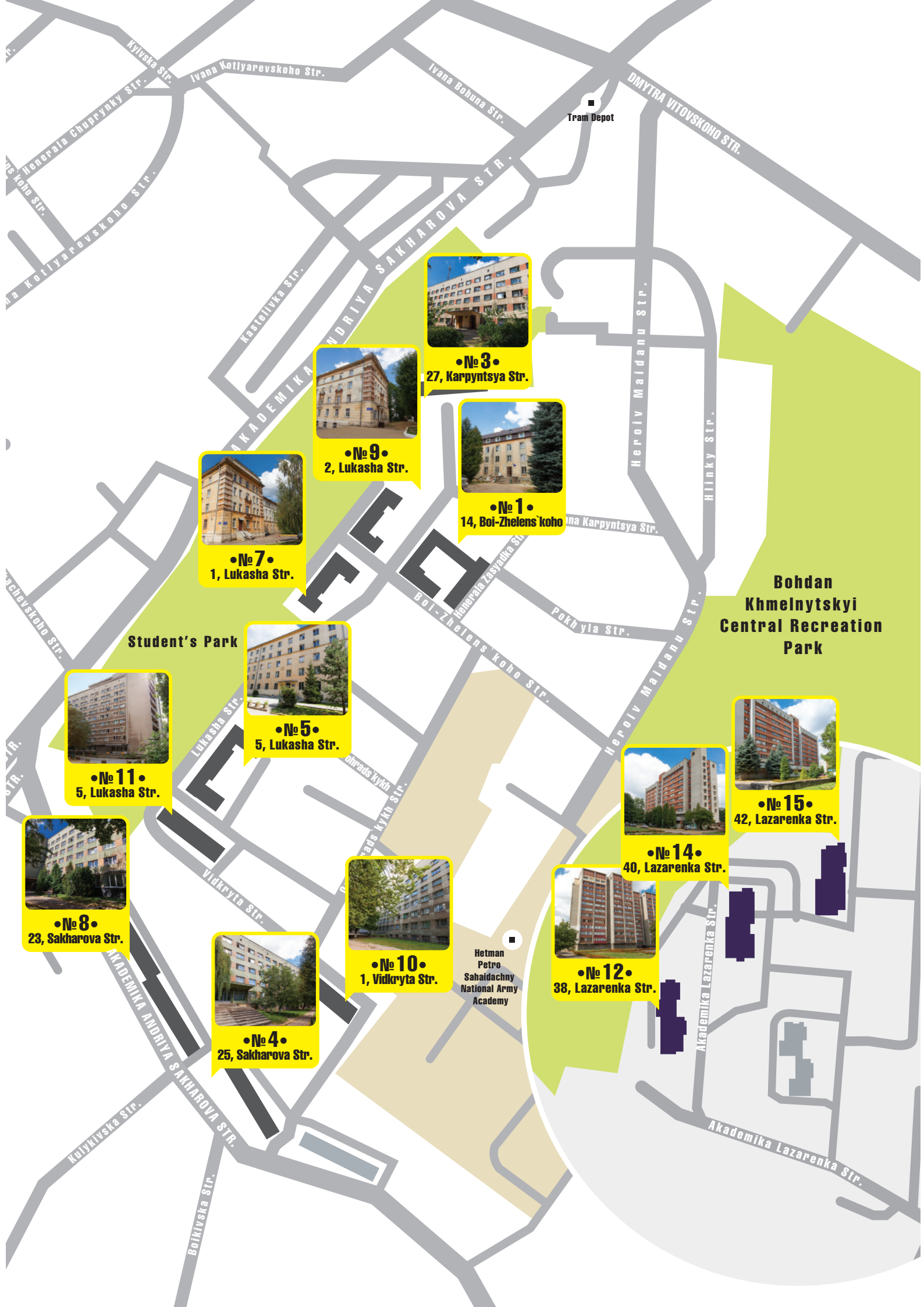
THE CAMPUS OF LVIV POLYTECHNIC NATIONAL UNIVERSITY CONSISTS OF 13 DORMITORIES FOR STUDENTS AND 2 HALLS OF RESIDENCE FOR THE UNIVERSITY STAFF AND EMPLOYEES MAKING IT A LARGE HOUSING COMPLEX

There is a well-developed infrastructure in the campus. It has three playgrounds, a football pitch, gyms, student clinic and student club. The university administration is making significant efforts to improve the material and technical base. Repair works are regularly performed and most of the old furniture in the rooms has been replaced with new ones.

At the end of 2019, about 8,300 students and postgraduate students lived in the dormitories of the campus. According to the results of the admission campaign, more than 2,200 first-year students and senior students who entered the University were housed in dormitories.

An important role in education is played by the Student Chaplaincy Center, which operates with the support of Lviv Polytechnic National University. In particular, chapels have been created in dormitories № 8, 9, 15, and a student church named after St. Aleksis, the patron of students, is situated on the campus. The center of student chaplaincy provides the students of Lviv Polytechnic National University with spiritual exercises, annually consecrates rooms in dormitories, carries out other activities aiming at the spiritual development of students.





Tram Depot



•№ 3•
27, Karpyntsya Str.



•№ 9•
2, Lukasha Str.



•№ 1•
14, Boi-Zhelens'koho



•№ 7•
1, Lukasha Str.



•№ 5•
5, Lukasha Str.



•№ 11•
5, Lukasha Str.



•№ 8•
23, Sakharova Str.



•№ 10•
1, Vidkryta Str.



•№ 4•
25, Sakharova Str.



•№ 12•
38, Lazarenka Str.



•№ 14•
40, Lazarenka Str.

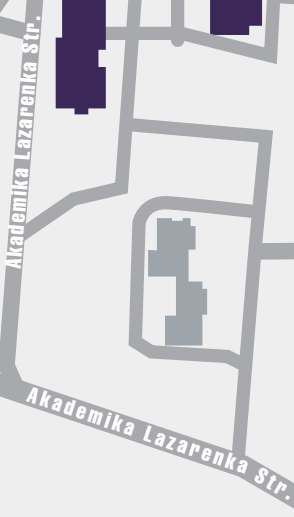


•№ 15•
42, Lazarenka Str.

Student's Park

Bohdan Khmelnytskyi Central Recreation Park

Hetman Petro Sahaidachny National Army Academy







THE PROSVITA PEOPLE'S HOUSE

The Prosvita People's House at Lviv Polytechnic National University is a decent center of artistic activity among young people. Its activities are aimed at educating students of high moral, spiritual and cultural values, active citizenship, national consciousness and patriotism, revival of national cultural traditions of the Ukrainian people, promotion of Ukrainian culture and art, organization of cultural leisure, development of creative talents of students and University staff, organization of amateur art groups.

The People's House employs 13 amateur art groups promoting the cultural and spiritual heritage of our people.

They are as follows:

Folk choir of students «**Gaudeamus**»;

People's Theater-Studio «**Khochu**»;

Folk men's choir «**Orpheus**»;

Folk Chamber Orchestra «**Poliphonia**»;

Folk ensemble of bandura players «**Zaspiv**»;

People's Brass Band «**Polytechnic**»;

Folk dance ensemble «**Virnist'**»;

Folk chamber vocal ensemble «**Akolada**»;

Folk Symphony Orchestra;

Ballroom dance ensemble «**Hratsiia**»;

Folk music ensemble «**Obrii**»;

3op song ensemble «**Suziria**»;

Show ballet «**Avers**».

For the high artistic and aesthetic level of performing skills, depth of content, promotion of national and cultural traditions in Ukraine and abroad, nine groups were awarded the honorary «People's» title. The groups of the Prosvita People's House are actively involved in concerts and cultural and educational events - thematic evenings, theatrical celebrations, ceremonial academies and concerts dedicated to prominent figures of Ukraine and significant dates of our state, in the annual Dedication to Students ceremony, literary and artistic evening to the 205th anniversary of the birth of Shevchenko T., «Festynty» scientific festivals, Freshman days, Alumni forum, various university conferences, meetings with public figures, exhibitions, book presentations, etc.







SCIENTIFIC AND TECHNICAL LIBRARY

Scientific and Technical Library has one of the largest and oldest book collections of higher education institutions of Ukraine. It is a structural unit of the University, which serves as bibliographic, scientific, cultural and educational center.

THE LIBRARY FUND ACCOUNTS ABOUT 1.9 MILLION COPIES OF THE DOCUMENTS

Among them there are documents of the prewar period, which, together with cognitive value, have great scientific and historical value as they reflect the development of science at the University.

The priority areas of the library are: the formation of library information resources; the provision of modern information services, the vast majority of which are provided through a website; promoting the development of information culture and improving the research competence of students, postgraduate students, scientists, academic teaching staff; ensuring the preservation of unique book collections for future generations and their presentation in the global information environment.

The library is a participant in the Promoting Academic Integrity in Ukraine project, which provides activities for the University staff and students, aimed at maintaining professional standards in educational and research activities.

The book collection promotes the movement of open access to scientific communication and information and annually organizes seminars and other events dedicated to the International Open Access Week.



SOCIAL AND CULTURAL ACTIVITY

The library staff actively cooperate with cultural and educational institutions and public communities, in particular, with the Territory of Terror Memorial Museum of Totalitarian Regimes, the Cultural City campaign (the Friendly City project), the youth educational organization AISEC (the Feel Ukraine project), etc.

The events held together with the Lviv Architecture media community were of particular interest. They are aimed at promoting and preserving the historical and architectural monuments of Lviv. Thematic support of lectures and presentations from leading experts in architecture, as well as restorers, guides and art critics with unique publications from the fund of valuable and rare books of the book collection has been attracted.

The Library initiated the «Lviv Polytechnic National University is reading» project, which is based on the creation of a universal reading medium and popularization of reading. There is a range of video interviews on Websites, in some of which representatives of Lviv Polytechnic National University talk about their own reading experience.

Every year, before the All-Ukrainian Day of Libraries, events are held to promote the book collection, attract new readers and highlight the main achievements. In recent years, it has become a tradition to organize the Night/Day in the Library event, which includes: presentations of works of art, quests, workshops, meetings with famous writers, poets and artists, film screenings and theatre performances.



15 • INCLUSIVE EDUCATION

During 2019, Lviv Polytechnic National University continued to implement an inclusive educational policy in order to adhere to universal, national and socio-cultural values. Among the most important values there are patriotism and spirituality; striving for positive change; the value of each individual, his/her life and health; focus on creating conditions for the development of each individual; ensuring the realization of the rights and freedoms of citizens; equality of opportunity, justice; respect for the rights of every citizen to maintain health as a generalized indicator of quality of life and well-being.

The University developed and continued to form an accessible educational environment based on a holistic approach to understanding the health of the individual, taking into account architectural and social accessibility.

An important tool for ensuring social accessibility is individual support for people with disabilities and chronic diseases, which is implemented by the No Limits service of accessibility to learning opportunities – a special unit of the INTEGRATION International Center for Professional Partnership.

An important resource for creating an accessible educational environment at Lviv Polytechnic National University is the No Limits formed Network of Partnership. The leading positions within the cooperation belong to: the University of Manitoba and the Canadian Center for Disability Research (Canada); Julius Maximilian University of Würzburg (Germany); Nord University (Norway); Ocean College (USA); Academy of Special Education in the name of M. Grzegorzewska in Warsaw (Poland) and others. The intensification of scientific research at all levels of cooperation is facilitated by the created online program – the No Limits research platform.

In order to respond to the urgent needs of citizens caused by Russia's aggression in eastern Ukraine, Lviv Polytechnic National University has created a veteran service for combatants, their families and internally displaced persons, which takes into account the best international and domestic experience, in particular in the Ukraine -Norway University project – Retraining and social adaptation of servicemen and members of their families in Ukraine. These activities are supported by the Ministry of Veterans, Temporarily Occupied Territories and Internally Displaced Persons.

In order to form an accessible educational environment, the Lviv Polytechnic National University Community Health Clinic consultation and coordination service has also been established within the INTEGRATION structure of ICPP.

The functioning of the Community Health Clinic involves partnership between different structural units of the University – Student Clinic, the Department of Sociology and Social Work, the Department of Physical Education, the Resource Center for Educational Information Technologies for Persons with Special Needs, and other units. The Community Health Clinic has opened an Advice Service on Prevention and Treatment of Addictions on the campus.

The coordinating function of the Community Health Clinic is to establish interaction between the structural units of the University and cooperation with governmental and non-governmental organizations in Lviv.

ADMINISTRATION OF THE INTEGRATION INTERNATIONAL CENTER OF PROFESSIONAL PARTNERSHIP PERSONNEL MANAGEMENT (HRD): STAFF & VOLUNTEERS								
INTERNATIONAL PROGRAM «PARTNERSHIP NETWORK» WITHOUT RESTRICTIONS»								
CANADA	POLAND	GERMANY	PORTUGAL	LATVIA	USA	NORWAY	ISRAEL	AUSTRALIA
<i>SERVICES</i>						<i>PROGRAMS</i>	<i>PROJECTS</i>	
ACCESSIBILITY SERVICE FOR THE NO LIMITS STUDY OPPORTUNITIES		Lviv Polytechnic National University Community Health Clinic Consulting and Coordination Service		Veteran service for participants hostilities, their families and internally displaced persons		Inclusive Education PD-program		The Ukraine-Norway Project - Retraining and Social Adaptation of Servicemen and Members of Their Families in Ukraine
Ombudsman of Lviv Polytechnic National University for Inclusive Education	Multidisciplinary group of Lviv Polytechnic National University on the implementation of inclusive educational policy	Social work in the field of mental health				Exchange program for students and postgraduate students		The Inclusive and Healthy University Project (Prevention and Treatment of Addictions, Julius Maximilian University of Würzburg, Germany)
		Prevention and Treatment of Addictions				The Peace and Conflict Studies Program		The Staff training for the development of the educational system of addiction therapy in Ukraine project (Warsaw, Poland) (Варшава, Польша)
		Adaptive physical activity						
		Rehabilitation activities						
CABINET OF UNDERSTANDING								
DOMESTIC PARTNER INSTITUTIONS								
THE COMMUNITY HEALTH RESEARCH AND DEVELOPMENT LABORATORY								
THE NO LIMITS RESEARCH PLATFORM								

Structural and functional model of the INTEGRATION International Center for Professional Partnership of Lviv Polytechnic National University

14 • Sport and Recreation

The promotion of healthy lifestyle among students, organization of sports activities and competitions is of crucial importance. There are two sports buildings with nine well-equipped gyms and a swimming pool, shooting range, gyms in the halls of residence, sports zone in recreation camps. Qualified coaches help students to keep fit, encourage them to join sports clubs (there are 36 kinds of sports practiced here)

Every year the university students and staff actively participate in international, national, regional and local competitions, decently representing Lviv Polytechnic National University. Each year the University organizes sports events to demonstrate achievements of the year, accompanied by performances of athletes from different sports.

At the XIth Ukrainian Universiade, all-university joint team, having performed in 16 out of 19 sports, took the first place among the universities with the student body more than 10,000. The best results were achieved by football, handball, basketball and ping-pong players.

In the Universiade of Lviv Region the University teams participated in 34 sports events. In 11 of them they won prizes, ceding in overall standings only to a specialized higher school.

Lviv Polytechnic National University also successfully conducts its own Universiade among the University academic institutes in 17 kinds of sports. The Universiade among the academic teaching staff of the University was also organized.

During the years of its activity the University Sports Club prepared 15 International Masters of Sport, 362 Masters of Sports, and 1548 Candidate Masters of Sports.

Lviv Polytechnic National University provides a variety of opportunities for rest and recreation to its students and staff. There are three training and recreation camps «Polytechnic-2» (Slavske village, Carpathians), «Polytechnic-3» (Morske village, Mykolaiv region), «Polytechnic-4» (Zozuli village, Zolochiv District) and sports and recreation base in the village of Rozluch, Turka district. Every recreation complex has all necessary conditions to practise many sports, organize parties, discos, excursions and other recreation activities.





LVIV POLYTECHNIC NATIONAL UNIVERSITY

Lviv Polytechnic National University Publishing House.
Registration certificate of series DK № 751 dated 27.12.2001
F. Kolessy Street, 2, Lviv, 79000
Tel .: + 380 258 21 46, fax: + 380 32 258 21 36
<http://vlp.com.ua>, e-mail: vmr@vlp.com.ua

Signed for printing on 15.10.2020.
Format 64x84 1/8. Coated paper.
Offset printing. Convent. print. sheets. 6.4.
Accoun. and publish. sheets 8.2.
Circulation 300 copies. Order № 200854.