



STRATEGY

FOR THE INTERNATIONALIZATION

LVIV POLYTECHNIC
NATIONAL UNIVERSITY

2021-2025

Internationalization Strategy
Approved by the Academic Board of
Lviv Polytechnic National University
(Minutes № 77 of 26.10.2021)

PREFACE

Higher education institutions cannot develop outside the global labor market's global processes, trends, and demands in today's dynamic world. In this regard, the internationalization of higher education is a purposeful policy of the world's higher education system in general and each university in particular.

According to Jane Knight, a well-known professor at the University of Toronto, «the internationalization of higher education is the process of integrating international and intercultural aspects into teaching, research, and service functions of higher education» (Knight J. Higher Education in Turmoil. The Changing World of Internationalization. Rotterdam, the Netherlands: Sense Publishers, 2008. – P. 19).

The internationalization of higher education is the process of integrating the university into the international educational and scientific space by incorporating international and intercultural aspects in its activities.

The internationalization of higher education institutions of Ukraine is a necessary factor for:

- improving the quality of education and research
- involvement the educational system of Ukraine into the global and European area of higher education and scientific research
- establishment of intercultural communication, development of partnerships between countries and their stakeholders (on the institutional and individual level) in the educational and scientific field.

It promotes a complete integration of Lviv Polytechnic, as an equal partner, in the global educational and research space, ensures the quality of education and scientific research with the aim of training highly qualified personnel for the economy of Ukraine.

The Strategy for the Internationalization of Lviv Polytechnic National University has designed a system of actions to implement international experience into all university activities.

The Strategy for the Internationalization of Lviv Polytechnic National University until 2025 (hereinafter - the Strategy) defines the mission, goals, directions, and strategic tasks of the University's international activities, and forms the system of actions to implement them. Active involvement of students, Ph.D. students, and employees of all departments of the University in international cooperation is the priority of the internationalization process. The expansion of international and intercultural cooperation, ensuring real opportunities for all polytechnics to engage in educational and scientific activities in the international environment are the main tasks of the Strategy.

The Strategy for the Internationalization of Lviv Polytechnic National University is defined by the goals and objectives of the Strategic Development Plan of Lviv Polytechnic until 2025 (hereinafter – the Strategic Plan). According to it, the international direction of various activities of our University is defined as the main vector of its development along with the educational and scientific components being reflected in each section.



LITTERIS

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УНІВЕРСИТЕТ „ЛВІВСЬКА ПОЛІТЕХНІКА“

OUR HISTORY: at the turn of cultures and epochs

International activity has been one of the main directions of Lviv Polytechnic National University since its foundation. The multicultural nature of the territories of Galicia has contributed to the establishment of an inter-ethnic dialogue of the best educators and scientists. They have founded several world-changing research schools.

1816-1825	Tsisar-Royal Real School in Lviv
1825-1835	Tsisar-Royal School of Technical Sciences and Trade in Lviv
1835-1844	Tisar-Royal Real-Trade Academy
1844-1877	Tisar-Royal Technical Academy
1877-1894	Tsisar-Royal Higher Technical School
1894-1921	Tsisar-Royal Polytechnic School in Lviv
1921-1939	Lviv Polytechnic
1939-1942	Lviv Polytechnical Institute
1942-1944	Professional Technical Courses in Lviv
1944-1967	Lviv Polytechnic Institute
1967-1978	Order of Lenin Lviv Polytechnic Institute
1978-1993	Order of Lenin Lviv Polytechnic Institute named after Lenin Komsomol
1993-2000	Lviv Polytechnic State University
2000-2022	Lviv Polytechnic National University

Lviv Polytechnic has been known in the academic world for over 200 years. Times, people, political systems changed, and the University only developed and strengthened, overcoming difficulties and winning.

Today, Lviv Polytechnic is a powerful university, a leader among Ukrainian higher education institutions in international and national rankings. At a time of globalization of the economy, digital technologies, free movement of people and ideas, our university faces the challenges of internationalization of higher education. They will provide an opportunity to ensure a high level of education and an innovative focus of research.

Lviv Polytechnic has always been a powerful academic magnet for students and educators from Ukraine and abroad. We appreciate the contribution of our graduates to the university progress, and also, they are becoming involved in fundamental changes in the world. Today, each person connected with our University – whether a student or a teacher, previous or current, domestic or foreign – is a significant part of University life and plays an important role in its development. Internationalization of higher education, science, and innovation, the university's presence in international information area, and international and cultural cooperation are the components of this process.

Therefore, the purpose of the Polytechnic is to promote an extensive exchange of knowledge on the international level, which will include education and research for the professional advancement and sustainable development of University.



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At the stages of its formation, Lviv Polytechnic – the oldest technical university in Eastern Europe – provided solid ground for the foundation of fourteen leading technical universities in Poland (Wroclaw, Silesia, Krakow, Gdansk, and Warsaw Polytechnics), and Germany (Ukrainian Technical University).

Lviv Polytechnic also had a significant impact on the establishment of higher education institutions in Ukraine: Ivano-Frankivsk National Technical University of Oil and Gas, Ternopil Ivan Puluj National Technical University, Lutsk National Technical University, National University of Water and Environmental Engineering, National Forestry University of Ukraine, Lviv National Agrarian University, Hetman Petro Sahaidachny National Army Academy, Lviv University of Trade and Economics.

International cooperation has greatly intensified since the proclamation of Ukraine's independence. Poland became the first direction of the internationalization process of Lviv Polytechnic. In the early 1990s, agreements on cooperation with educational institutions of Germany and the United Kingdom, and later with many universities in France and China, increased the development of international dialogue.

Lviv Polytechnic has trained more than 250,000 specialists, among them more than 4,000 foreigners from almost ninety countries.

At present, internationalization is a strategic direction of the University's development. More than 270 agreements on international cooperation, primarily with the institutions of the European Union, China, the United States, and Canada are signed.

The strengthening of our international reputation will enhance the ability of Lviv Polytechnic to implement international research partnerships with universities and institutions worldwide. It will increase international funding for research, attract talented young people to study and conduct research at the University, invite foreign students to study, allow our academic community to participate in international scientific, innovation, leisure, and cultural areas.

OUR STRENGTHS AND ACHIEVEMENTS

- Students and postgraduates are trained in physical, mathematical and social sciences
- English language programmes
- Bachelor's, Master's, Ph.D., and Doctorate programmes
- High number of specialities being internationally recognised
- System approach in teaching and research
- Academic staff is highly trained
- Presence in global and national ranking systems
- Research schools demonstrate world-class scientific achievements
- Unique research heritage and academic environment
- Innovative environment for gifted students
- Affordable tuition costs
- Favourable geographical location

MEMBERSHIP IN INTERNATIONAL ORGANISATIONS

- European University Association (EUA)
- L'Agence universitaire de la Francophonie (AUF)
- Baltic University Programme (BUP)
- Magna Charta Universitatum (MCU)
- 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)



WE ARE IN THE INTERNATIONAL AND NATIONAL RANKINGS OF HIGHER EDUCATION INSTITUTIONS

International rankings

Ranking	№ in rankings	№ in Ukraine
Times Higher Education World University Rankings 2022:	601-800	2
• Engineering and Technology	801-1000	3
• Physics	601-800	1
• Business and Economics	301-400	1
• Computer Sciences	201-250	1
• Times Higher Education Impact Rankings 2021	401-600	1
QS World University Rankings 2022	801-1000	6
• Engineering specialities in the field of oil and gas	101-150	1
• Computer sciences and information systems	551-600	3/4
QS EECA University Rankings 2021	106	5
Webometrics Ranking of World Universities 2021	3306	16
UI Green Metric World University Rankings 2020	493	5
U-Multirank 2021		4
• Co-authored publications with industry partners	TOP 25	2
• International joint publications	TOP 25	2

National rankings

Ranking	Position
TOP-200 Ukraine, 2021	4
Consolidated rating of higher education institutions of Ukraine in 2021	6
Scientometric database SciVerse Scopus rating, 2021	7

OUR ACHIEVEMENTS IN INTERNATIONALIZATION (2021)

300+	agreements on international cooperation
50	agreements on Erasmus + K1 international mobility programmes
38	international agreements on double degree programmes
300+	proposals for international grants, programmes, and projects in 2020
100+	implemented international educational grants, programmes, and scholarships
8894	scientific publications in scientometric databases Scopus, Web of Science

✓	the coordinator of the first Horizon Programme among Ukrainian universities
✓	science park with the largest statutory fund in Ukraine

OUR MISSION, VISION, AND GOALS

MISSION OF INTERNATIONALIZATION

To create an environment of mutual exchange of knowledge through the mobility of students, Ph.D. students, and employees for the university's professional growth and sustainable development.

VISION OF INTERNATIONALIZATION

To become a socially responsible and internationally significant university.

GOALS OF INTERNATIONALIZATION

- Involve motivated young people from all over the world to study at Lviv Polytechnic
- Conduct research with world-renowned scientists
- Provide graduates with competencies that are valued and applied by businesses and society around the world
- Strengthen the international reputation of Lviv Polytechnic

STRATEGIC OBJECTIVES OF INTERNATIONALIZATION

1. Ensure high quality of the educational process by introducing international experience into the educational activities, providing international recognition of the qualifications, and increasing the number of foreign applicants at Lviv Polytechnic
2. Develop international research and innovation
3. Strengthen international academic cooperation in the field of culture, sports, and social activity
4. Inform the international community about Lviv Polytechnic

Directions of internationalization of Lviv Polytechnic

1

INTERNATIONALIZATION OF EDUCATIONAL PROCESSES

2

INTERNATIONALIZATION OF SCIENTIFIC AND INNOVATIVE ACTIVITIES

3

INTERNATIONALIZATION OF SCIENTIFIC AND INNOVATIVE ACTIVITIES

4

INTERNATIONAL CULTURAL COOPERATION



EPILOGUE

The Strategy of internationalization of the National University «Lviv Polytechnic» until 2025 organically develops and complements the Strategic Development Plan of the University. It contains a list of activities to introduce an international aspect into academic life. Today, Lviv Polytechnic cooperates with more than 300 countries in all areas of educational, scientific, and cultural cooperation.

According to the Strategy, educational and research institutes and departments of University receive support from units responsible for implementing of bilateral agreements and agreements with international partners: the Center for International Education, Project Office, Department for International Students, other university divisions.

We expect that activities offered by the Strategy will guide the efforts of students, graduate students, and employees who are involved in international cooperation. And it will help to achieve social responsibility and significance in the international dimension, and strengthen the position of Lviv Polytechnic in national and international rankings.

The implementation of the Strategy will also contribute to better sharing of information on international programmes and opportunities for students which will benefit their potential on the job market. The academic community of the university and project teams will receive a structured plan to develop international cooperation, rapprochement with international scientific consortia, increase in grant opportunity funding, implementation of academic and scientific exchange programmes (including internships), etc.

The strategy was developed as a multi-vector guiding document to coordinate and consolidate the efforts of various departments of Lviv Polytechnic to attract as many employees as possible to the above processes and their interest in the potential benefits of participating in international activities. A significant internal result of implementing the proposed action plan is to expand the potential of the staff for more conscious and effective planning of their work.

We hope to promote cooperation with foreign partners in the framework of numerous international contacts of university scientists who coordinate and implement international projects and constantly increase their potential by increasing the number of submitted project proposals.

The progress of Lviv Polytechnic National University is facilitated by the close cooperation with our international partners being in line with the dynamics of post-pandemic recovery of the world economy. It will allow our University to occupy a niche corresponding to the historical precedence and originality of higher education institutions in Ukraine. It is a crucial element of mutual cross-border cooperation on a global scale.

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