NATIONAL UNIVERSITY YURI KONDRATYUK POLTAVA POLYTECHNIC

INTERNATIONALIZATION

STRATEGY

for 2025-2030

NUPP.EDU.UA

CONTENTS

FOREWORD

The internationalization strategy creates a solid foundation for enhancing the global status of National University «Yuri Kondratyuk Poltava Polytechnic» as a leading provider of high-quality education and effective scientific research.

It simultaneously emphasizes the importance of international cooperation and identifies the advantages provided by the diverse composition of scientific and pedagogical staff and higher education applicants.

The strategy is based on an understanding of the contribution the university can make to the global educational and scientific space, as well as the value it gains from developing global ties.

Internationalization is a key factor in realizing our ambitions in education and research, providing higher education applicants with life-changing experiences and forming strong partnerships for collaboration in science and education.

University President,
University Academic
Board Head   Volodymyr ONYSHCHENKO

PREAMBLE

National University "Yuri Kondratyuk Poltava Polytechnic" (hereinafter referred to as the University) is a large, modern, innovative, multidisciplinary institution of higher education that combines high-quality training of specialists, applied scientific research, and active international project activities. The University confidently maintains its leading position in the implementation of academic mobility programs, Erasmus+ projects, as well as projects implemented with state support, emphasizing its role as a leading regional and national center for innovation, sustainable development, international cooperation, and strategic partnership.

In the context of the globalization of education and science, Ukraine's European integration, and contemporary challenges, internationalization is a strategic priority for the University's development. This is confirmed by the implementation of a large-scale project of the European Investment Bank (EIB) for the thermal modernization of the university campus infrastructure for a total amount of over 10 million euros, which creates unique opportunities for international cooperation, academic exchanges, and attracting foreign partners.

The University demonstrates a leading position in international academic mobility among higher education institutions in Ukraine, has many years of experience in the successful implementation of international projects Erasmus+ (KA1, KA2, Jean Monnet), Digital Europe, DAAD, and the implementation of state and commercial research projects with the involvement of international partners. It also systematically develops international relations, adhering to the principle of equal rights for partners within the framework of international cooperation and academic exchanges.

The University's international activities are based on more than 80 existing agreements on scientific and educational cooperation with government and international organizations, leading foreign universities, and business representatives. The geography of partnerships covers countries in Europe, Asia, Canada, the USA, and the United Kingdom and is aimed at expanding academic exchanges, developing joint educational programs, and increasing the university's participation in international projects.

The University is a member and signatory of leading international associations, including Magna Charta Universitatum (MCU) and the European University Association (EUA), which creates an institutional framework for expanding academic mobility, joint research, and innovative educational initiatives.

The development and implementation of the Internationalization Strategy is taking place under martial law in Ukraine. This places a particular responsibility on the University to preserve and develop its academic and scientific-technical potential, maintain ties with the international scientific community, and represent Ukraine as a European state that defends democratic values and rebuilds its economy on innovative principles.

1. GENERAL PROVISIONS

1.1. Definition of internationalization

Internationalization is a purposeful process of integrating international, intercultural, and global dimensions into all areas of the University's activities (educational, scientific, innovative, managerial) with the aim of improving the quality of education, science, and management, strengthening competitiveness at the national and international levels, and promoting Ukraine's integration into the European higher education and research space.

1.2. Legal basis

The strategy is based on:

- The Law of Ukraine "On Higher Education"[1];
- The Law of Ukraine "On Education"[2];
- The Law of Ukraine "On Scientific and Scientific-Technical Activity"[3];
- The Strategy of the Higher Education Development in Ukraine 2022–2032[4];
- The University Charter[5];
- The University's Sustainable Development Strategy[6];
- The University's Development Strategy[7].

1.3. Current status of international activities

As of 2025, the University has:

- Approximately 80 valid international cooperation agreements with universities and scientific institutions from 28 countries around the world;
- Leading position among Ukrainian universities in terms of incoming and outgoing academic mobility (more than 100 Erasmus+ program participants annually);
- Successful experience in implementing projects and grant programs: "Digital Europe", "Horizon 2020", Erasmus+ (KA1, KA2, Jean Monnet);

---

[1] The Law of Ukraine «On Higher Education», URL : https://zakon.rada.gov.ua/laws/show/1556-18/ed20140701#Text

[2] The Law of Ukraine «On Education», URL : https://zakon.rada.gov.ua/laws/show/2145-19#Text

[3] The Law of Ukraine «On Scientific and Scientific-Technical Activity», URL : https://zakon.rada.gov.ua/laws/show/848-19#Text

[4] The Strategy of the Higher Education Development in Ukraine 2022–2032, URL : https://www.kmu.gov.ua/npas/pro-shvalennya-strategiyi-rozvitku-vishchoyi-osviti-v-ukrayini-na-20222032-roki-286-

[5] The University Charter, URL : https://nupp.edu.ua/uploads/files/0/doc/all/statut-nupp-2022.pdf

[6] The University's Sustainable Development Strategy, URL : https://nupp.edu.ua/uploads/files/0/doc/polozhennia/strategiya_stalogo_rozvitku.pdf

[7] The University's Development Strategy, URL : https://nupp.edu.ua/uploads/files/0/doc/all/stratehiya_rozvytku.pdf

- Double degree programs with universities in Poland, Great Britain, and others;
- Modern infrastructure, modernized with the support of the EIB (10 million euros in investments) and business;
- Membership in European and international networks and associations;
- Experience in cooperation with foreign teaching staff, researchers, and applicants for education.

1.4. Principles of internationalization

- Openness and partnership: developing long-term mutually beneficial relationships with leading universities and research centers;
- Quality and academic integrity: adherence to high standards of education, science, and ethical norms;
- Inclusiveness: equal access to international cooperation opportunities for all participants in the educational process;
- Sustainable development: focus on long-term goals and balanced development of all areas of activity;
- Innovation: introduction of cutting-edge practices, technologies, and approaches;
- Responsibility: awareness of the University's role in the development of the region, the state, and the global community.

2. VISION, MISSION, AND VALUES OF INTERNATIONALIZATION

2.1. Vision

National University "Yuri Kondratyuk Poltava Polytechnic" is a European-level university integrated into the European and global higher education and research space, characterized by high academic mobility, a sustainable project ecosystem (Erasmus+, European grants, state programs, initiatives of international donors), competitive educational programs, and effective international scientific activity. The University trains specialists with global competencies who are able to respond to the challenges of the modern world and contribute to the sustainable development of Ukraine and the international community.

2.2. The internationalization mission involves systematic integration of the international dimension into the educational, scientific, and innovative activities of the University by expanding the network of strategic partnerships with leading universities in the EU, the USA, Canada, and the UK, maximizing the academic mobility of higher education applicants and scientific and pedagogical staff, internationalizing educational programs and scientific research, creating an attractive environment for foreign students, instructors, and researchers, effectively using infrastructure modernized with the support of the European Investment Bank, participating in international educational and research networks and consortia to improve the quality of human capital, promoting the restoration and modernization of Ukraine, deepening the European integration of the University and the region, and strengthening the international reputation of the institution.

2.3. Values

- Academic freedom and autonomy;
- Academic integrity and ethics;
- Mutual respect and intercultural dialogue;
- Transparency and accountability;
- Innovation and creativity;
- Responsibility to society;
- Belonging to the European academic community.

3. STRATEGIC GOALS AND PRIORITIES

3.1. Strategic Goal 1: Developing international reputation and recognition

Tasks:

- Entering international university rankings (QS World University Rankings, TNE World University Rankings) by 2030;
- Developing an English-language website and presence in international media;
- Participation in international education fairs and conferences;
- Presentation of the EIB project implementation experience at international forums.

3.2. Strategic Goal 2: Internationalization of educational programs

Tasks:

- Launch of 10 English-language educational programs at the Bachelor's/Master's level by 2030;
- Developing double/joint degree programs with universities in the EU, USA, Canada, and the UK;
- Attracting foreign teachers to participate in teaching;
- Implementing COIL pedagogy and virtual mobility;
- Participating in international educational projects Erasmus+ KA2, Horizon Europe.

3.3. Strategic Goal 3: Development of international scientific research

Tasks:

- Increase the number of publications in Scopus/Web of Science to 200 annually;
- Participation in international research projects (Horizon Europe, NATO, NSF);
- Creation of international research teams;
- Organization of annual international scientific conferences at the university (at least 15);
- Continuous growth of the citation index and h-index of scientists (by at least 1 indicator).

3.4. Strategic Goal 4: Leadership in academic and virtual mobility

Tasks:

• Increase the share of research and teaching staff participating in mobility programs lasting at least one month by 3% annually;

• Achieve 150 Erasmus program participants annually, including a 3% annual increase in Erasmus program participants who are higher education students compared to the previous year;

• Develop incoming mobility – attract foreign higher education students by 2030;

• Creation of an effective mobility support system (buddy programs, consultations);

• Expansion of mobility geography to the USA, Canada, and Great Britain;

• Maintaining leadership among universities in the region and Ukraine.

3.5. Strategic Goal 5: Institutional Development

Tasks:

• Establishment of a powerful Project Office with modern infrastructure;

• Implementation of an international quality management system (ISO);

• Development of staff competencies in the field of international activities;

• Creation of a fund to support international activities;

• Digitization of international cooperation processes.

3.6. Strategic Goal 6: Geographic priorities

Priority regions for international cooperation::

• European Union (with a special focus on the Baltic states, Poland, Germany, and France);

• United States of America (technical universities, research centers);

• Canada (polytechnic universities);

• Great Britain (leading universities);

• Countries of the Asia-Pacific region (Japan, South Korea, Singapore) – additional priority.

4. INTERNATIONALIZATION OF EDUCATIONAL ACTIVITIES

4.1. International content of educational programs
Measures:

- Analysis and harmonization of educational programs with European standards (EUR-ACE, ABET);
- Integration of cases, examples, and content from international practice into courses;
- Inclusion of modules on intercultural communication and global challenges;
- Use of international textbooks and scientific sources;
- Invitation of foreign experts to teach individual courses/modules;
- Development of joint online courses with partner universities.

4.2. English-language educational programs
Targets for 2030:

- Bachelor's programs in English – 4 programs (Computer Science, Civil Engineering, Architecture, Business, IT, etc.);
- Master's programs in English – 6 programs (AI & Data Science, Sustainable Construction, Smart Cities, Innovation Management, Mechanical Engineering, Software Engineering, IT, Philology, etc.);
- Short-term and certified programs for foreigners (summer/winter schools) – 2-4 annually.

4.3. Double/joint degree programs
Priority specialties:

- Construction and Civil Engineering – partnerships with universities in Germany and Poland;
- Computer Science; Cybersecurity and Information Protection; Mining and Oil and Gas Technologies– partnerships with universities in the US and Canada;
- Architecture and Urban Planning – partnerships with universities in the UK and France;
- Mechanical Engineering; Automation, Computer-Integrated Technologies and Robotics – partnerships with technical universities in the EU;
- Management – partnerships with European and domestic business schools.

4.4. Internationalization at home

Initiatives:

- COIL (Collaborative Online International Learning) – cooperation with 15+ universities;
- International student project teams online;
- Language cafes and intercultural communication clubs;
- International culture and education weeks.

4.5. International accreditation of programs

Target accreditations:

- ABET (Accreditation Board for Engineering and Technology) – for engineering programs;
- EUR-ACE (European Accredited Engineer) – for technical specialties;
- RIBA (Royal Institute of British Architects) – for architecture;
- National accreditations of partner countries for double degree programs.

5. INTERNATIONALIZATION OF SCIENTIFIC ACTIVITIES

5.1. International research projects
Priority programs:
- Horizon Europe – participation in Climate, Digital, and Manufacturing clusters;
- Erasmus+ KA2 – projects for creating joint programs and developing potential;
- NATO Science for Peace and Security – infrastructure security, cybersecurity;
- NSF (National Science Foundation, USA) – joint research with American universities;
- Bilateral projects – bilateral projects with EU countries through national funds;
- European Investment Bank programs for innovative research.

5.2. World-class scientific publications
Target indicators:
- Publications in Scopus/Web of Science – 200+ articles annually by 2030;
- Publications in Q1-Q2 – at least 60% of the total number;
- Co-authorship with foreign scientists – at least 40% of publications;
- Monographs in international publishing houses – 10+ annually by 2030;
- Citation index – increase the average h-index of scientists by 1 annually, increase the institutional h-index by 1.

5.3. International research teams and laboratories
Initiatives:
- Creation of 5+ joint international laboratories (smart construction, AI in engineering, sustainable cities);
- Attracting leading foreign scientists as research leaders;
- Visiting professors and postdoc researchers programs;
- Participation in international research networks (Marie Skłodowska-Curie Actions);
- Sharing the results of the European Investment Bank project for scientific and research purposes.

5.4. International scientific events

Planned activities:

- Annual international conference "Innovations in Engineering and Technology" (IEEE indexed);
- Series of workshops with leading universities in the US, Canada, and the UK;
- Participation in international research weeks and hackathons;
- Organization of international webinars and online seminars (24+ annually).

5.5. Commercialization and technology transfer

Areas:

- Joint patents with foreign partners – 15+ by 2030;
- Participation in international innovation and startup programs (EIT, EIC);
- Licensing of technologies on international markets;
- R&D contracts with international corporations.

6. DEVELOPMENT OF INTERNATIONAL ACADEMIC MOBILITY

6.1. Outgoing mobility of Higher Education Students
Target indicators:
- Erasmus+ credit mobility – 150 participants annually, including an increase in participants – Higher Education Students by 3% annually from the previous year's indicator;
- Double degree programs – 20 students annually;
- Summer/winter schools abroad – 50 students annually;
- Internships and work placements in foreign companies – 20 students.

6.2. Incoming mobility of Higher Education Students
Objectives:
- Attracting foreign students to study by 2030;
- Admission to English-language programs – the main channel for attracting students;
- Development of exchange programs with partner universities;
- Organization of summer/winter schools for foreigners – annually;
- Creation of a welcome infrastructure and support services for foreign students.

6.3. Mobility of academic and teaching staff
Initiatives:
- Increase the share of academic and teaching staff participating in mobility programs lasting at least one month by 3% annually;
- Research visits and internships – 20 members of academic and teaching staff annually;
- Participation in international conferences and workshops – 100 members of academic staff annually;
- Attracting foreign teachers – 10 people annually;
- Visiting professors program – 10 leading scientists annually;
- Co-supervision of dissertations – 5 graduate students.

6.4. Virtual mobility
Measures:
- COIL courses with partner universities;
- Virtual exchanges;

- Online internships in foreign companies;
- Participation in international online hackathons and competitions;
- Virtual research collaborations;
- Blended mobility – a combination of online and physical mobility.

6.5. Mobility support infrastructure
Development:

- Modern Academic Mobility Center;
- Digital mobility management platform (Mobility Online or equivalent);
- Financial support – grant programs;
- Psychological and adaptation support;
- Language training (English, German, French, Polish, and others);
- System for recognizing periods of study and credits (ECTS).

7. INTERNATIONALIZATION THROUGH DIGITALIZATION

7.1. Digital Presence and Communication
Initiatives:
- A fully functional English-language website with up-to-date information;
- Active presence on international social networks (LinkedIn, Twitter, Instagram)
- Virtual tours of the university in 360° format;
- Online platform for applicants from abroad;
- Regular English-language newsletters for international partners;
- YouTube channel with English-language content about the University.

7.2. Online Education and Massive Open Online Courses (MOOCs)
Development:
- Placement of English-language courses on platforms such as Coursera, edX, FutureLearn, and others;
- Joint online courses with partner universities;
- Integration of MOOCs into formal educational programs.

7.3. Digital Research Tools
Implementation:
- Access to international databases (Scopus, Web of Science, IEEE Xplore);
- Research management systems (CRIS/RIMS);
- Institutional repository with international indexing;
- Platforms for virtual laboratories and simulations;
- Collaboration systems for international teams;
- AI tools for data analysis and modeling.

7.4. Digital Competencies
Programs:
- Digital skills training for academic and teaching staff (100% coverage);
- Certification programs in digital teaching and online pedagogy;
- Development of data literacy among researchers;
- Training students to work with international digital platforms;
- Partnerships with IT companies for modern equipment;
- Participation in international projects on the digitization of education.

8. ORGANIZATIONAL AND INSTITUTIONAL SUPPORT

8.1. Management Structure
Responsible departments:

- Vice-Rector for Scientific and Pedagogical Work, International Activities and Cooperation – general management;
- Project Office – coordination of international activities, management of exchange programs, project activities;
- Department for Work with Foreign Students – incoming mobility;
- Faculties/institutes – implementation of the strategy at the departmental level.

8.2. Infrastructure Support
Use of EIB Project Resources:

- Modern lecture halls and laboratories for international programs;
- Conference rooms for international events;
- European-standard dormitories for foreign students;
- Coworking spaces and areas for international teams;
- Sports and recreational infrastructure;
- IT infrastructure for online education and research.

8.3. Financial Support
Sources of Funding:

- International grants and projects (Erasmus+, Horizon Europe);
- Funds from foreign student tuition;
- Sponsorship and charitable contributions;
- Income from commercialization of developments.

8.4. Personnel Development
Events:

- Training courses on international project activities (annually for 20 people);
- Language courses for scientific and teaching staff;
- Staff internships at partner universities;
- Participation in international conferences and training courses.

9. SYSTEM OF INDICATORS AND MONITORING

9.1. Система моніторингу
Frequency of reporting by the responsible person – Vice-Rector for Scientific and Pedagogical Work, International Activities and Cooperation;
- Annual report on the implementation of the Internationalization Strategy;
- Semester monitoring of KPIs by departments;
- Public presentation of results at the Academic Council (annually);
- External audit of the state of internationalization (every 2 years);
- Survey of stakeholders (students, academic staff, partners) – annually.

9.2. Strategy Adjustment
The strategy is reviewed and adjusted:
- Upon early achievement of target indicators;
- In the event of significant changes in the external environment;
- Based on the results of monitoring and evaluation;
- In accordance with changes in legislation and state priorities;
- By decision of the Academic Council of the university.

10. FINAL PROVISIONS

10.1. The internationalization strategy of National University "Yuri Kondratyuk Poltava Polytechnic" for 2025–2030 is a strategic document that defines the priorities, goals, and mechanisms for integrating the university into the global educational and scientific space.

10.2. The strategy is approved by the Academic Council of the University and comes into force on the date of approval..

10.3. The Vice-Rector for Scientific and Pedagogical Work, International Activities, and Cooperation is responsible for monitoring the implementation of the Strategy.

10.4. The Strategy measures are financed from the state budget, international grants, the University's own revenues, and other sources not prohibited by law.

10.5. The University's structural units develop operational plans for implementing the Strategy at the level of faculties/institutes and departments in accordance with their specific characteristics.

10.6. Changes and additions to the Strategy are made by decision of the Academic Council of the University.

10.7. The strategy is published on the University's official website in Ukrainian and English.

10.8. The implementation of the Internationalization Strategy will contribute to:

- Increasing the competitiveness of the University at the national and international levels;
- Improving the quality of education and scientific research;
- Expanding opportunities for students and academic staff;
- Strengthening the University's reputation as a leading institution of higher education;
- Contributing to the development of the region and the state by training competitive specialists;
- Integrating Ukraine into the European and global higher education and research space.

The strategy was developed taking into account the best practices of leading universities in Ukraine and worldwide, the specific features of National University "Yuri Kondratyuk Poltava Polytechnic" development, the unique experience of implementing the European Investment Bank project, and the University's leading position in academic mobility. It aims to build a sustainable project ecosystem, improve the quality of human capital, promote Ukraine's recovery, and deepen the European integration of the University and the region.