

KYIV NATIONAL UNIVERSITY OF TECHNOLOGIES AND DESIGN



PROGRAM OF KYIV NATIONAL UNIVERSITY OF TECHNOLOGIES AND DESIGN «KNUTD INTERNATIONALIZATION» FOR 2019-2023 (updated)



MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
KYIV NATIONAL UNIVERSITY OF TECHNOLOGIES AND DESIGN

APPROVED

**by Academic Board of Kyiv National University
of Technologies and Design**

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Head of Academic Board

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**PROGRAM
OF KYIV NATIONAL UNIVERSITY OF TECHNOLOGIES AND
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Kyiv 2021

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"Internationalization is an institutional strategy to respond to the needs of globalization, as well as a way of specialists for further integration into the global world"

Philip Altbach, USA

INTRODUCTION

As a result of modern globalization, the integration of national universities into the global educational environment becomes inevitable: deepening international cooperation in the educational field. This is the main trend of today! Initiation of activities, aimed at building international partnerships, student exchanges, exchange of scientific and pedagogical staff, implementation of international educational and research projects, etc. are the processes that directly affect education quality and become key factors in competitiveness and effectiveness of the University.

The importance and role of internationalization in educational activities is growing rapidly. The implementation of the above processes and transformations requires much more of professionalism from the administrative and managerial staff of the University. KNUTD includes the international component in its Strategic Development Program, providing for the implementation of a new model in which the international component is consistently integrated into educational, research, innovative, administrative and managerial aspects of activity.

The KNUTD's Internationalization Program for 2019-2023 is based on one of the fundamental principles of the Magna Charta Universitatum, which regulates the University as a guardian of the traditions of European humanism. Implementing its vocation, the University is constantly striving to achieve universal knowledge, crosses geographical and political boundaries and affirms the urgent need for mutual knowledge and interaction of different cultures. Internationalization of higher education will strengthen and deepen friendship between countries, will cultivate a combination of high-level talents with a modern professional base, innovative abilities and international vision for strategic cooperation and economic development.

The Internationalization Program of KNUTD for 2019-2023 is designed to improve the efficiency of the University structural units in the field of international cooperation. The Program is an integral component of the Development Strategy of the Kyiv National University of Technologies and Design.

The Program of Kyiv National University of Technologies and Design «KNUTD Internationalization» for 2019-2023 based on the following regulations: the Constitution of Ukraine, Laws of Ukraine "On Education", "On Higher Education", "On Professional Higher Education" and other regulations, international treaties of Ukraine, the Charter of KNUTD; Standards and Guidelines for Quality Assurance in the European Higher Education Area, Recommendations of the Magna Charta Universitatum, the European University Association (EAU), the International University Association (UIA), the Regulations on Academic Mobility of Participants educational process of KNUTD, decisions of the Academic Council of KNUTD and other normative-legal documents on issues of higher education.

PURPOSE AND OBJECTIVES OF INTERNATIONALIZATION

The purpose of the internationalization of KNUTD is to deepen international cooperation in the field of educational and research activities and the formation of an effective system of international relations that can contribute to the fulfilment of the strategic objectives of the University.

Internationalization of higher education in the modern context acts as a strategy for active introduction of the international component into all the basic spheres of the university's life. It is not just a combination of different types of international activities.

Implementation of the Internationalization Program of KNUTD for 2019-2023 shall be conducted simultaneously within several interrelated dimensions:

- internationalization of educational activities;
- internationalization of scientific activity;
- internationalization of social development.

Within the framework of the above dimensions, the Internationalization Program of KNUTD for 2019-2023 is based on the solution of the following **strategic tasks**:

1) to develop the University's international cooperation on the basis of education, science and innovation combination in accordance with international standards;

2) to maintain and promote the positive image of KNUTD in the global educational environment and increase the competitiveness of the University and its structural units in the international arena;

3) to adapt the best practices of world universities and introduce it into all University's activities;

4) to develop existing partnerships with universities and research institutions of Europe, the USA and China, through the effective implementation of bilateral agreements on cooperation in the field of education, science and culture;

5) to increase the attractiveness of the University for foreign students, scientists, scientific and pedagogical staff, higher educational institutions and research institutions;

6) to increase the export of domestic educational services and intensify the recruitment of foreign students;

7) to form an effective system of international academic mobility of participants in the educational process, to develop and implement joint educational programs with foreign partners;

8) to integrate KNUTD scientists into the international research community in order to improve the quality of their research and to attract foreign grants and scholarships;

9) to increase the activity of scientific and pedagogical staff and students in international conferences, international scientific projects, joint research, and preparing joint publications;

10) to provide advanced training for scientific and pedagogical workers abroad;

11) to provide the students guarantees for respect the freedoms and conditions under which they can achieve their cultural and educational goals.

Implementation of the Internationalization Program of KNUTD for 2019-2023 should ensure the creation of favourable conditions for the University to promote educational services on the international market.

CURRENT STAUS OF KNUTD INTERNATIONALIZATION

Recently, the University has significantly expanded international cooperation, which provides for the comprehensive interaction of the educational, cultural, scientific and business levels with HEIs, embassies, organizations from around the world. As of early 2019, the University fulfilled the terms of cooperation agreements with 49 higher education and scientific institutions from such countries as the United Kingdom, the Republic of Lithuania, the Kyrgyz Republic, the Republic of Poland, Germany, China, the Republic of Uzbekistan, etc. A large number of negotiations, meetings, and events were held with these countries at the University level to enhance the international image of KNUTD.

In recent years, the University has represented Ukraine in many countries of the world, in particular: the Republic of Poland, the United Kingdom, the Slovak Republic, the Republic of Belarus, Bulgaria, the Greek Republic, France, the Czech Republic,

the Republic of Malta, the Republic of Lithuania, Italy, China, the Republic of Kazakhstan, Romania and other.

Every year there is an increase in the number of foreign students, it has doubled over the past five years. Currently, more than 900 foreign citizens from 26 countries of the world study at the University: China, the United Kingdom, Israel, Georgia, Brazil, Turkey, United Arab Emirates, Pakistan, Azerbaijan, Algeria, Nigeria, etc. The University has two international centers: the Ukrainian-Polish Training Center and the Ukrainian-Azerbaijani Cultural and Educational Center.

In order to increase the level of Ukrainian education in the international market of educational services and develop the internationalization of education and science of Kyiv National University of Technology and Design in accordance with the strategic partnership between Ukraine and the People's Republic of China, established by two intergovernmental agreements One Way "Kyiv National University of Technologies and Design together with Qilu Technical University established a Chinese-Ukrainian institution of higher education - the Kyiv Institute of Qilu Technical University (KIQTU), address: 3501, University Road, Changqing District, Jinan City, Shandong Province, China. Validity of the license (MOE37UAA02DNR20191976N) for educational activities of KIQTU issued by the Ministry of Education of the PRC until December 31, 2039.

476 Chinese students are currently enrolled in various educational programs at KNUTD and about 250 students are planned to enroll annually at various levels of higher education.

In 2020, 354 representatives of the University, in particular: 214 research and teaching staff (NPP) and 88 students participated in international academic mobility events, in particular, participated in joint international research projects - 28 people (21 NPP; 7 students); internship abroad - 79 NPP; internship abroad - 5 students; international scientific-practical conferences, forums, symposiums, round tables abroad - 154 people (68 NPP; 86 students); double degree diploma programs - 465 students.

An important recognition in international cooperation of the Kyiv National University of Technologies and Design is membership in educational and professional European and world organizations, including:

- Magna Charta Universitatum;
- European Association of Universities (EUA);
- Association of Textile Universities (AUTEX);
- International Federation of Knitwear Technologists (IFKT);
- International Federation of Pharmacists (FIP);

- International Association of Universities and Colleges of Art, Design and Media (CUMULUS);
- European Enterprise Support Network "EEN - Enterprise Europe Network";
- German-Ukrainian Society of Economics and Science (DUG WW);
- The World Network for the Promotion of Research and Education in the Field of Scientific Development of Complex Digital Systems (The Complex Systems Digital Campus: CS-DC);
- World Register of Higher Education Institutions (WHED).

The Office of International Cooperation and European Integration, established within the Institute for Internationalization of Higher Education and Science, implements the international policy of KNUTD, coordinates international exchange and cooperation, enabling higher education students, researchers and staff to participate in international events.

The priority of developing cooperation with foreign partners for the University is to improve the skills of research and teaching staff and academic mobility of students. For this purpose, cooperation was established with the National Erasmus + Office in Ukraine and an international project from the British Council "Creative SPARK".

Due to this, the project activity of the participants of the educational process of the University has significantly improved. The achieved results indicate a positive trend in this direction, which improves the rating of KNUTD in the international market of educational services. Among the most significant achievements are:

1. Victory in the British Council's five-year Creative SPARK: Education Entrepreneurship Support Program, in which the University works with the University of Southampton (UK).

2. Receiving grants from the NATO Science for Peace and Security Program to implement projects:

- "Nanostructured composite paints for electromagnetic shielding of electronics" in 2019-2021.

- "Portable charger for soldiers" in 2020-2023.

3. Provision of financing of bilateral research projects from the Ministry of Education and Science of Ukraine:

- Ukrainian-Lithuanian Ukrainian Educational Platform (for demobilized ATO soldiers) - training roadmap "Step to Entrepreneurship" in 2018-2019;

– Ukrainian-Czech "Development and research of nanomodified textile materials for human protection and electronic equipment" in 2019-2020;

– Ukrainian-Lithuanian "Knitted materials for personal protective equipment against mechanical damage and flame (PERPROKNIT)" in 2020-2021.

4. Receipt of funding from the European program EUREKA to support the research program of the University "Design and development of materials for protection against UV radiation";

5. Mobility projects Exchange of staff and students from Erasmus + partner countries KA107 Educational mobility of students and staff with partner countries: Czech Republic, Latvia, Greece, Great Britain;

6. Erasmus project - Jean Monnet module - "The role of consumer protection in financial services for financial stability in the digital age: European approaches";

7. Draft American Council on International Education. "Academic Integrity and Education Quality Initiative / ACADEMIC IQ";

8. Participation in the training of freelance administrators on the internationalization of higher education at the University of Leibniz (Germany);

9. Signing an agreement with Core Tech System Co. Ltd on the use of the licenced software.

The fruitful work of scientific and pedagogical workers and scientists allowed to keep the worthy places of the University in the international rankings. In 2021, KNUTD reaffirmed its membership in the TOP 100 design universities in the world according to the American magazine CEWORLD Magazine, and ranked 60th and 65th among the best scientific schools and universities that produce highly qualified specialists in medicine and pharmacy.

Maintaining the achieved results and their improvement requires the University staff to accumulate all efforts and focus on improving their own activities, as required by current trends in higher education, including the processes of globalization and internationalization.

INTERNATIONALIZATION OF EDUCATIONAL ACTIVITIES

Implementation of joint educational programs with foreign partners is a sustainability factor of the KNUTD international cooperation. Joint educational programs of the first (bachelor's) and second (master's) levels of higher education and the implementation of intensive courses aimed at synchronizing the curricula of partner universities significantly expand the educational field in order to better educate students.

The provisions of the Great Carta of Universities provides that "universities - particularly in Europe - regard the mutual exchange of information and documentation, and frequent joint projects for the advancement of learning, as essential to the steady progress of knowledge. Therefore, they encourage mobility among teachers and students". So, the priority areas are the internationalization of educational programs, as well as the academic mobility of higher education applicants, as well as scientific and pedagogical workers.

Internationalization of educational programs. Student education is a driving element in the internationalization of the educational activities of the University. Joint, agreed between partner universities, educational programs provide students with international, intercultural competencies taking into account global perspectives. The results of globally oriented educational programs form specific requirements for the knowledge and skills of applicants for education to be laid down in curricula and programs of disciplines.

Program activities for the internationalization of educational programs include:

- development of joint educational programs with foreign partners;
- development of joint international double degree programs;
- development of English educational programs and other educational and teaching documentation;
- dissemination of the practice of attracting foreign teachers to the educational process at the University;
- use of educational technologies and teaching methods that are positively recommended in the world;
- use of popular foreign educational and methodical works in the interests of developing the competencies of students, research workers and researchers of the University.

Academic mobility of applicants for higher education, scientific and pedagogical and workers. The main requirement for the internationalization of the University is the academic mobility of students and academic staff. The main element of the constant progress of knowledge is the mutual exchange of information and

documentation between universities, as well as an increase in the number of joint projects for the education development.

Program activities for the development of academic mobility:

- generalization of information about the possibility of participation in international programs of academic mobility and the motivation of scientific and pedagogical workers;
- monitoring and informing students and employees of the University about the opportunities and offers for participation in academic mobility programs abroad;
- providing a wide educational offer, orientation and adaptation programs for foreign students, organization of special events in order to attract foreign citizens to study in the University;
- development of general principles for transferring credits, which allows students to receive credits abroad, which will be recognized and included in the individual student curriculum.
- use of educational opportunities provided by embassies of foreign states;
- centralized coordination of the implementation of bilateral programs and exchange programs for students and academic staff.
- implementation of the program "Guest Professor" ("Visiting professor").

INTERNATIONALIZATION OF SCIENTIFIC ACTIVITY;

The involvement of KNUTD scientific and pedagogical staff for international activity promotes the commercialization of research projects, the development of fundraising and entrepreneurship skills, and ensures the economic efficiency of the University as a whole. The internationalization of scientific activity occurs through the integration of the University as an equal partner in the international scientific and educational environment.

Scientific and pedagogical workers effectively engaged in research activities play a central role in the internationalization of scientific activities of KNUTD. The mechanisms for ensuring the University's internationalization policy contribute to the development of international competencies, creating conditions to maximize the impact of international experience on student learning.

Program activities for the internationalization of scientific activities include:

- participation in the implementation of international programs, joint international projects, basic and applied research, development in the priority areas of science and technology, which describe the University as an international innovation and research center;

- publication of scientific monographs and scientific articles in foreign media together with foreign partners;
- regular participation in international conferences, symposia and forums outside Ukraine;
- ensuring the availability of foreign educational and scientific resources via the Internet by gaining access to specialized and universal foreign scientometric databases;
- holding of regular international conferences, forums, thematic round tables with the participation of foreign participants with the aim of publishing the obtained scientific results;
- conducting international student olympiads and competitions of student research papers;
- introduction of motivational distinctions (bonuses, scholarships) of the University for the best student interdisciplinary research and participation in student international scientific events and competitions.
- participation of the University, as well as scientific and pedagogical workers in international research and professional networks.

INTERNATIONALIZATION OF SOCIAL DEVELOPMENT

The pace of technological, economic, political progress, the state of culture and spirituality in society, as well as, of course, the well-being of society, to a decisive degree depend on the quality of education. Ukraine clearly defined a guideline for entering the educational space of Europe and the implementation of the modernization of educational activities in the context of European requirements and internationalization. The formation of the international image of the University as an effective unit of educational activity is a mandatory and important component of its development and the current challenge of society.

Program activities for the internationalization of social development include:

- assistance to the state policy of internationalization of higher education;
- establishment of a high degree of the University international reputation through constant scientific and educational ties;
- participation in the activities of international organizations and associations;
- participation in international scientific and educational exhibitions both in Ukraine and abroad;
- expanding the presence of the University in the English-speaking segment of the Internet, namely the constant support and improvement of the work of the official KNUTD website in several languages;

- support of relationships with foreign graduates and citizens of Ukraine who work in their specialty abroad;
- conducting research, training, cultural, sports events with the participation of foreign partner universities.

ORGANIZATIONAL SUPPORT FOR INTERNATIONALIZATION

The Rector and Vice-Rectors manage the internationalization processes at the University, the Director of the Institute for Internationalization of Higher Education and Science is the Coordinator of the University's Internationalization Policy implementation.

The Director of the Office of International Cooperation and European Integration coordinates the formation of a positive image and high positions of the university in the international educational space. The project office director coordinates the international project activities of the staff. The educational and methodical center of management of preparation of experts coordinates realization of processes of internationalization of educational activity of University. The head of the research part coordinates the internationalization of scientific activities of the University.

Deans of faculties and directors of institutes are responsible for planning, implementing and reporting on international activities within their structural units. Heads of departments are responsible for the internationalization of educational programs of specialties, of which the department is a graduate, and the activity and results of research (project) activities of research and teaching staff of the department

Program activities for the organizational support of internationalization:

- development and implementation of language and cross-competency development programs open to all interested employees of the University;
- permanent monitoring of major domestic, foreign and international publications, incl. ratings and reviews on the situation and development trends of higher education in the world;
- experience exchange between scientific and pedagogical workers and scientists of the University implementing international projects (educational, research), including trainings on participation in international grant projects;
- determination of the University's membership criteria for joining international educational and scientific associations, organizations, conventions and agreements;

- development and implementation of standard agreements for the participation of students, graduate students, scientific and pedagogical workers in international academic mobility programs;
- development of a model for the University's participation in international exhibitions, fairs, global forums;
- raising funds for scientific research through a system of grants, charitable foundations from public, private and other sources;
- creation of the legal and financial base for the implementation of academic mobility of students, graduate students, teachers, including involvement of sponsorship funds and grants;
- increasing the efficiency of using the material and technical base of the University through international events;
- formation of a central data base on the possibilities to obtain grants and scholarships and to participate in international competitions;
- increasing the efficiency of using the opportunities of the University's Internet resources.

INDICATORS SYSTEM FOR EVALUATION OF THE INTERNATIONALIZATION PROGRAM IMPLEMENTATION

Implementation of the KNUTD Internationalization Program for 2019-2023 provides for the involvement of all parties (stakeholders) of the educational process, namely: faculties and institutes; departments and educational units; college; student's scientific and pedagogical workers, scientists and other personnel; graduates; professional and public organizations; international organizations and foundations; domestic and international science and technology parks and clusters.

Indicators system for the evaluation of the Internationalization Program of KNUTD for 2019-2023 implementation is complex and consists of three data sets.

Absolute indicators:

- number of foreign students;
- number of students studying abroad;
- number of joint and double degree programs;
- number of students receiving joint and double degree;
- number of students who participated in scientific and educational events abroad;
- number of students who participated in international scientific and educational events at the University;
- number of foreign teachers and researchers involved in the University;
- number of international events held;

- number of scientific and pedagogical workers who participated in scientific and educational events abroad;
- number of scientific publications of University employees abroad;
- number of joint international scientific publications;
- number of foreign authors works in the publications of the University.

Relative indicators:

- share of foreign scientific and pedagogical workers involved in the educational process at the University;
- share of foreign students;
- share of disciplines taught in a foreign language;
- share of scientific publications on international co-authorship;
- share of income from foreign grants, projects and other research activities.

Qualitative indicators:

- increasing the position of the University in the world and Ukrainian ratings of higher educational institutions;
- level of students' foreign languages proficiency ;
- level of foreign languages proficiency by scientific and pedagogical workers and their use;
- level of satisfaction of students with the quality of training;
- level of satisfaction of graduates with basic, professional and practical training at the University;
- level of satisfaction of employers with the quality of training of specialists in KNUTD.

THE KEY INDICATORS OF KNUTD INTERNATIONALIZATION

	Indicator	As of 01/01/2024
1	Number of foreign students	1,000
2	Share of foreign students	10 %
3	Share of disciplines taught in a foreign language	10 %
4	Share of scientific and pedagogical workers having at least B2 foreign language proficiency level	30 %
5	Number of students having received joint and double degree	50
6	Number of general and double degree programs	5
7	Number of foreign teacher and researchers	5
8	Number of students who took part in scientific and educational events abroad	100
9	Number of scientific and pedagogical workers who participated in scientific and educational events abroad	100
10	Number of international events held	35
11	Number of scientific publications of University employees abroad	100
12	Number of joint international scientific publications	20
13	Number of scientific and pedagogical workers who are members of the editorial boards of foreign publications	5
14	Number of foreign authors works in the publications of the University	20
15	Number of international projects conducting with the participation of the University	15

The implementation of the Program of Kyiv National University of Technologies and Design «KNUTD Internationalization» For 2019-2023 will allow to move evolutionarily to a more perfect model of international cooperation, which will promote the integration of the university into the European and world educational space; will ensure the formation of stable competitive positions due to high positions in domestic and international rankings, which will increase the attractiveness of Kyiv National University of Technologies and Design in the global and regional dimensions.

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