

**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE**

**NATIONAL TRANSPORT UNIVERSITY**

**NATIONAL TRANSPORT UNIVERSITY  
INTERNATIONALIZATION STRATEGY**

**APPROVED**

by the decision of  
National Transport University  
Academic Council

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Head of NTU Academic Council

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## CONTENTS

|  |   |
|--|---|
| 1. General provisions .....                                    | 3 |
| 2. Purpose and scope of the internationalization strategy..... | 4 |
| 3. Ntu internationalization directions .....                   | 4 |
| 4. Organizational provisions of ntu internationalization.....  | 7 |
| 5. Strategy executors and stakeholders .....                   | 9 |

## 1. GENERAL PROVISIONS

One of the essential prerequisites for the University's modern education is the intensification of its international activities. The activity of internationalization strategy has a particular importance for the National Transport University in the context of international economic and sociocultural integration. This will not only ensure the mobility of students, academic and administrative staff, but also create a sociocultural motivational environment, which will contribute to the professional growth of university staff, improvement of education quality, the dynamic development of research and innovation, the growth of education and the export of scientific services.

The participation of scholars, teachers and students in international academic mobility, stimulation of joint research with foreign partners, as well as the development of modern joint educational programs and the presentation of scientific achievements to the world academic community will ensure the integration mechanism of National Transport University implementation to the global scientific and education community. Moreover, it will form the essence of the University's internationalization policy.

The internationalization strategy envisages the opportunities and academic freedom of structural divisions. These divisions are institutionalized at the university administration, faculties, institutes, centres and other subdivisions.

Internationalization means the incorporation of resources, competences and efforts of all the National Transport University structural divisions reputation and authority development in the national and international arena through the implementation of internationally oriented measures to improve the quality of education and research activities.

The internationalization strategy of the National Transport University has been developed in accordance with the following provisions:

1. The Law of Ukraine "On Higher Education"
2. The Law of Ukraine "On Education"
3. Statute of the National Transport University (The Decision of the National Transport University staff conference from August 30, 2016, Minutes No. 1)
4. Regulations on the procedure for the implementation of the students right to the academic mobility at the National Transport University (approved by the Academic Council of the NTU on September 28, 2017, Minutes No. 8)
5. Appropriate decisions of the NTU Academic Council
6. Other laws and regulations in higher education.

## **2. PURPOSE AND SCOPE OF THE INTERNATIONALIZATION STRATEGY**

**The purpose of internationalization strategy:** Acceptance of the National Transport University as an international institution of higher education with high standards of education and research quality, joining the group of the leading Ukraine technical universities on the educational services, scientific services and export of technical production market.

### **Strategic objectives**

- increasing the competitiveness of NTU and its structural divisions in the international arena;
- enhancing the attractiveness of NTU and its structural divisions for foreign students, scientists, academic staff and other employees;
- active participation of NTU in the international joint educational and scientific projects;
- integration of NTU scientists into the international research community aiming to improve the quality of their research and teaching;
- development of a sociocultural motivational environment, which will contribute to the professional growth of university staff, improvement of education quality, the dynamic development of research and innovation, the growth of education and the export of scientific services;
- enhancing the mobility in education and research.

## **3. NTU INTERNATIONALIZATION DIRECTIONS**

### **1. Educational process**

Arrangements:

- development of educational and training programs, educational materials with foreign partners;
- creation and implementation of international student exchange programs;
- development of joint international double degree programmes, as well as international certification programs for specialists training;
- accreditation of academic programmes in international and national accreditation agencies to educational services;
- motivation of scientific-pedagogical personnel to participate in international academic mobility programs;

- studying the efficiency of NTU's partnership opportunities use with domestic and foreign educational institutions, scientific research institutions and enterprises;
- establishing cooperation with foreign and domestic organizations to attract foreign students, in particular with the Ukrainian State Center for International Education of the Ministry of Education and Science of Ukraine;
- use of educational opportunities provided by embassies of foreign countries;
- development of curricula and other normative documents in English and other of the European Union languages;
- diversification of the volumes and types of services related to the acquisition of postgraduate education by foreign citizens in Ukraine;
- introduction of training programs, which provides the possibility of obtaining certificates of international standards;
- development of NTU cooperation with foreign recruitment agencies regarding the employment of graduates, the practice of students in foreign companies and international organizations;
- expansion of the practice of attracting foreign teachers to the educational process at the University;
- advancing and step-by-step policy implementation aimed at using the possibilities of e-learning courses for the development of the competences of NTU students, teachers and researchers;
- expansion of opportunities for foreign language learning by students, scientific and pedagogical staff of NTU on the basis of practical use;

## **2. International scientific activity**

Arrangements:

- initiation of international research projects, including the involvement of international grants for the joint research;
- publication of scientific monographs and other research papers and articles in the journals, including Web of Science and Scopus database journals, in collaboration with foreign partners
- introduction of the NTU award (scholarship) for the best student interdisciplinary research and participation in student international scientific events and competitions
- establishing joint PhD programmes for postgraduate students with foreign partner universities;
- creation, participation and development of international research and professional networks with foreign partner universities;

- organization of international conferences, forums, thematic round tables with the participation of foreign partners for the public presentation of achieved practical effects
- conducting international, All-Ukrainian and regional student olympiads and competitions of student research papers.

### **3. Public relations of NTU**

Arrangements:

- creation of opportunities for international communication in non-academic activities, tolerant interaction of students and teachers, the rapid integration of foreign students and teachers in the student and academic environment of the University;
- conducting researches in the interests and on demand of state and local authorities, enterprises and public organizations on issues covering the international spheres of their activity;
- initiation and conducting joint international scientific and educational projects in cooperation with government entities, foreign educational institutions and business structures;
- development of NTU cooperation with international organizations and foreign funds;
- skill improvement of state and local government officials and enterprises in the process of implementing their international initiatives;
- involvement of students and postgraduates in organization and carrying international events;
- development of relations with international student organizations;
- support for interconnection between foreign graduates and citizens of Ukraine who work abroad;
- formation of graduates portfolio, who have achieved international success in the faculties;
- holding foreign students days at the University;
- encouraging the participation of University sports teams in international competitions;
- conducting research, educational, cultural, sports events with partner universities.

### **4. International Academic Mobility**

Arrangements:

- identification of responsible departments and persons for academic and social support of foreign students;

- creation of conditions, provision of information and advisory support to students for study abroad and foreign students for learning and receiving scholarships at NTU;
- enrolment of academic achievements received by students in certain programmes and disciplines during their studies abroad;
- conducting sessions of academic and cultural adaptation for foreign students, developing programmes for their integration into the university environment;
- academic staff participation in international conferences and global research networks.

#### **5. International cooperation management of NTU:**

- implementation of the NTU model of international cooperation into its strategy and other regulatory documents;
- selection of the most effective organizational forms for international cooperation development;
- identification of existing and potential partners taking into account the general context of the country's development, its policies, priorities, culture, educational potential;
- determination of the centralization (decentralization) nature and level of international cooperation management.

### **4. ORGANIZATIONAL PROVISIONS OF NTU INTERNATIONALIZATION**

- Determination of departments responsible for internationalization strategy provisions implementation;
- Assistance in developing a quality management system of education at the university;
- Annual complex studies conducting on the effectiveness and problems of internationalization strategy realization;
- Constant the actions of major competitors at the domestic and international educational services and research market monitoring;
- Policy development and improvement of the enrolment procedure of student's academic achievements, received during their studies in other educational institutions, including abroad;

- Implementation of the practice of preparing and publishing announcements, plans and reports on the results of the NTU in Ukrainian, as well as in foreign languages (in particular, in English);
- Establishing objective requirements regarding the level of proficiency in foreign languages by employees of university departments, whose functional responsibilities include the possibility of establishing international contacts or working with foreign sources of information and the development of opportunities for its improvement;
  - Programs development and implementation to improve the linguistic and intercultural competences, open to all interested employees of NTU;
  - Implementation of learning opportunities for scientific-pedagogical and administrative and managerial staff of NTU abroad;
  - Definition of the support and additional services' algorithm for foreign students and teachers, as well as students and teachers of NTU participating in international events;
    - Encouraging NTU staff to collaborate within international projects;
    - Sharing experiences between teachers and researchers of NTU, who implement international projects (educational, research), including conducting trainings on participation in international grant projects;
    - Increasing the number of rooms in hostels for foreign students;
    - Regular (every year) study of the quality of housing and living conditions of foreigners;
    - Determination of criteria for making a decision on recognition, including the establishment of equivalence obtained in foreign higher education institutions by degrees of bachelor, master, doctor and academic, associate professor, professor when enrolling in studies and/or academic position or research and educational personnel;
    - Determination of criteria for the acquisition/termination of NTU membership in international educational and scientific associations, organizations, conventions and treaties;
    - Development and introduction of standard contracts for the participation of students, postgraduates, scientific and pedagogical workers in programs of international academic mobility;
      - Introduction of an integrated approach to the motivation, initiation, support and implementation of international research projects and new forms of international scientific cooperation;
      - Development of scientific and technical cooperation between NTU, foreign departments, production and scientific companies and educational institutions;
      - Creation of research and training departments with the participation or under the auspices of international organizations and enterprises representatives;



- Annual research of NTU international research activity development problems;
  - Providing maintenance and regular update of NTU websites and university scientific publications in foreign languages, including key web pages, in the main languages of the European Union;
  - Gradual progress of NTU scientific journals in the international scientific and computer databases;
  - Motivation distribution of publications' citation of the NTU scientific-pedagogical employee;
  - Development of the practice of inviting well-known foreign professors, representatives of foreign companies to conduct public lectures at NTU;
  - Conduction of explanatory and propaganda work on resources and opportunities for the stakeholders' participation in the development of internationalization of the university;
  - Determination of the priority list of international universities ratings in which NTU is involved;
  - Determination of the priority list of international research and professional networks and organizations in which NTU is involved;
  - Expanding the possibilities of internship abroad for NTU scientific-pedagogical personnel;
  - Development of the NTU participation model in the international exhibitions, fairs and global forums.

## **5. STRATEGY EXECUTORS AND STAKEHOLDERS**

The strategy implementation involves engagement of:

- applicants and their parents;
- university:
  - students and their parents;
  - research and educational personnel;
  - structural divisions (departments, faculties, research institutes, centres, separate structural divisions of NTU);
  - other university staff;
- graduates;
- domestic and foreign enterprises;
- bodies of state and regional authorities;
- professional and non-governmental organizations;

- international organizations, foundations and their representative offices;
- representative offices of foreign countries in Ukraine and foreign representative offices of Ukraine abroad;
- domestic and international science and technology parks and clusters;
- global research networks.