

CONCEPT OF EDUCATIONAL ACTIVITIES
Speciality / Detailed Field 226 "PHARMACY, INDUSTRIAL PHARMACY"
Field of education 22 HEALTH
Master's Degree in Higher Education
at V.I. Vernadsky Taurida National University

TERMS:

Speciality Code and Name: Specialty 226 Pharmacy, Industrial Pharmacy, Field of education 22 Health

Higher Education Level: Second (Master)

Indicative list of specializations and educational programs: educational and professional study program "Pharmacy"

Total amount of credits in the European Credit Transfer System (term of study): 300 credits (4 years 10 months)

Professional standards to which training is intended (if any):

The list of basic competencies that a higher education applicant should master:

integral (the ability to solve typical and complex specialized tasks, practical problems in professional activity, healthcare, providing research, innovations, characterized by complexity and uncertainty of conditions and requirements);

general (ability to think abstractly, analyze and synthesize, apply knowledge in practical situations, understand subject area and professional activity, be able to adapt and act in a new situation, make informed decisions; work in teams; interpersonal skills; ability to communicate as a state orally and in writing) and in foreign languages, use information and communication technologies);

professional (ability to develop and draw up documentation on the clear definition of technological processes of manufacturing and production of medicines, to organize the production activities of pharmacies for the manufacture of drugs of various forms by prescriptions of doctors, to participate in the production of medicines in the conditions of pharmaceutical enterprises, to procure medicinal herbs with raw materials, rational use of resources of medicinal plants, organize pharmacy activities for the provision of population and establishments of health care with medicines and medical products, analyze and predict the basic economic indicators of pharmacy establishments, develop and implement management approaches in the professional activity of pharmacy establishments, provide counseling and pharmaceutical care during the selection and release of over-the-counter medicines by evaluating the ratio / benefit, compatibility, indications and contraindications, based on the health status of a particular patient taking into account biopharms pharmaceutical, pharmacokinetic, pharmacodynamic and physico-chemical characteristics of the medicinal product, to carry out sanitary and educational work among the population in order to prevent common diseases of the internal organs, to prevent dangerous infectious and parasitic diseases, etc.).

Indicative list of professional qualifications planned to be provided:

- educational qualification - Master of Pharmacy
- professional qualification - pharmacist;
- diploma qualification - Master of Pharmacy.

Entry requirements: complete general secondary education

Procedure for evaluating learning outcomes:

Assessment system at TNU covers:

- ongoing monitoring of students' learning outcomes and evaluation of their performance in the study;
- final control of the results of students' educational activity and evaluation of their performance after studying the subjects;
- evaluation of course work (project);
- evaluation of the practice report;
- evaluation of standardized test exams "STEP 1. Pharmacy", "STEP 2";
- assessment of the practice-oriented exam;
- evaluation of Master thesis

Each of the assessment components is evaluated on a module-rating 200-point scale.

INTRODUCTION

The new paradigm of higher education development, the reform of the health care system, the transition to the modern principles of primary health care provision and insurance medicine require the improvement of the existing system of pharmaceutical personnel training that meets the current world standards. The reform of the health care system involves the training of specialists of a new level of professionalism and competence, experienced and promising health care organizers.

In the current context of reforming higher medical education, it is undergoing a profound dramatic change that seeks to solve the strategic task of following the tendencies of the European and world higher education, to bring the content and forms of education into conformity with their further integration into the educational space. Therefore, it should provide high-quality student education and be an important component of health care reform and implementation of the state's social priorities, since the quality of pharmaceutical services provided to the population depends on the level of training of future pharmacy professionals. The modern development of science and practice necessitates the introduction of adjustments to the training and advanced training of pharmaceutical workers with the approximation of their education to international standards. That is why the quality of education in higher education institutions requires improvement in the conditions of effective organization and informatization of the educational process, introduction of innovative scientific developments into teaching practice, ensuring high professionalism of teachers, creation of modern teaching and methodological and clinical bases.

Analytical studies have shown that the system of training of pharmaceutical personnel in combination with the system of their rational and effective use should perform the functions of providing the population with effective and safe medicines, create, carry out process management in the conditions of reengineering process, which enables to develop the production and sale of domestic medicines, to control their quality, to provide organizational and methodological support to the pharmaceutical sector of healthcare, developing a modern system of training pharmaceutical personnel according to the needs of providing quality medical provision of the population according to the requirements of the European Union. The pharmaceutical industry is one of the most dynamic in the complex socio-economic context. The development of pharmaceutical science and higher education institutions, on the basis of which specialists for pharmacy are trained, contributes largely to the development of pharmaceutical science.

Pharmaceutical training in the specialty "Pharmacy" in Kyiv is carried out by 12 higher educational institutions, in particular: OO National Medical University. Bogomolets, Ukrainian Military Medical Academy, Open International University for Human Development "Ukraine", Kyiv National University of Technology and Design, Medical College of Pharmacy "International Academy of Ecology and Medicine", PL Shupryk National Medical Academy of Postgraduate Education "Higher Educational Institution" Interregional Academy of

Personnel Management ", Higher education institution" Kyiv Medical University ", Kyiv International University," International College of Medicine ", Kyiv Medical College.

There are 1748 registered places of wholesale and retail trade in pharmaceuticals (according to the licensed register for production of pharmaceuticals (in the pharmacy), wholesale and retail trade) and 1113 in the Kiev region. more than 14,500 specialists in the specialty Pharmacy work in the institutions of the region. However, the practice shows a significant shortage of staff related to the rapid development of the industry, as well as the request of employers to higher educational establishments in Kyiv to train high-quality specialists in the industry. Based on the results of the monitoring, data on the structure of vacancies offered by employers in the Ukrainian labor market were obtained and it was determined that the Pharmacy industry has considerable potential for employment of specialists. However, the issues of ensuring the quality of education and training of pharmacists, creating favorable conditions for their lifelong learning and professional development, enhancing the effectiveness of interaction between the medical education system and the labor market are also of urgent importance.

Adoption of the Law of Ukraine "On Higher Education" and ratification of the Association Agreement between Ukraine and the European Union create for the higher education of Ukraine a new legal field, promote competition in the market of educational services and increase the influence of consumers of educational services on shaping the content of education and determining the length of training programs - Postgraduate training of pharmacy professionals, as well as giving the labor market and students the right to control the quality of higher education.

Mechanism of interaction between authorities, higher education institutions, employers, trade unions, professional associations for the purpose of training competent specialists, including foreigners and stateless persons, and vocational training is not always effective, which significantly limits the employment opportunities for graduates, reduces the cost of training, slows down the innovative development of pharmacy. Additional factors that complicate the implementation of educational activities by higher medical educational institutions of Ukraine in general and the University in particular are:

- negative trends in economic development and increasing socio-political risks at the state level;
- peculiarities of the demographic situation in Ukraine and deterioration of the quality of training of students in secondary schools;
- excessive supply of educational services in Ukraine and, at the same time, increased availability of higher education outside the country;
- insufficient integration into the world educational and scientific space, insufficient identification in the world, unstable educational and scientific reputation, mismatch of material and technical base and information support of the level of the leading universities of the world;
- competition in the market of educational services;
- decrease in funding of applied research in the field of pharmacy;
- reducing the confidence of employers in the quality of higher education and, as a consequence, reducing students' motivation to acquire high-quality modern knowledge and professional competences;
- insufficient level of motivation of the scientific and pedagogical staff of the universities for active activity in improving, developing and ensuring the quality of educational programs.

UNIVERSITY CHARACTERISTICS

V. I. Vernadsky Taurida National University (hereinafter TNU) - the leading higher educational institution of Crimea, founded in 1918, is in the top ten higher educational establishments of Ukraine. At the time of annexation of the Crimean peninsula, TNU was a state higher education institution of IV level of accreditation.

There were 16 faculties in the university, which prepared students in 41 directions. The total number of students was 15,000, including full-time and part-time study. The university employed 2244 staff, including

919 teachers, including 112 Doctors of Sciences, Professors, 485 Candidates of Sciences, Assistant Professors, Senior Lecturers and Assistants. Among them - one Hero of Ukraine, 39 academicians of academies of different profiles and countries, four laureates of the State Prize of Ukraine, 36 honored workers of science and education of Ukraine, 53 honored workers of education of the ARC.

The name of our university is associated with the names of prominent public figures, scientists, and educators who have become the pride of Ukraine. These are academicians V.I. Vernadsky, O.F. Ioffe, O. O. Baikov, Nobel laureates IE Tamm and IM Frank, three times Heroes of the Socialist Labor IV Kurchatov and KI Shcholkina and many other not less famous names given to our world by our alma mater.

Every year more than 100 employees and students of TNU have undergone scientific and training internships abroad.

The idea of opening the University originated at the beginning of the last century in the turbulent years of the Civil War. Representatives of the scientific and creative intelligentsia of the Russian Empire, escaping from the Bolshevik invasion, settled in the Crimea. The university began its history with the Decree of the Crimean Regional Government No. 23 of September 3, 1918 "On the establishment of the Taurida University".

By the fall of 1918, Taurida University was fully staffed with high-quality teachers. On October 14, the inauguration of Taurida University in Simferopol was held. Academician Vernadsky, who headed the university in October 1920, noted that at that time Taurida University "represented one of the strongest scientific centers in the country." Taurida University lasted two and a half years and in January 1921 was renamed the MV Frunze Crimean University.

In 1925 he became the Crimean State Pedagogical Institute. MV Frunze and only in 1972 - again the University - Simferopol State University. M. V. Frunze.

In August 1999, by decree of President of Ukraine Kuchma, he was granted the status of national and returned to the historical name.

Before the annexation of Crimea, 304 postgraduate students and 37 applicants studied in 53 specialties. Doctoral studies were opened in 19 specialties. Each year, 40-45 PhD and up to 10 doctoral theses are defended at the university. The University has created all the necessary conditions for scientific work.

TNU developed such thematic scientific directions as human health, environmental protection, resource-saving technologies, new substances and materials, perspective information systems. The University holds more than 70 international conferences each year, many of which have become traditional. Every year more than 2500 scientific papers are published by the University scientists, including about 55 monographs, 1916 articles, of which more than 110 are in leading foreign journals.

The university's research complex included large units and laboratories at the departments in annexation. Among them: the Sustainable Development Technology Research Center; Biotechnology Center; Educational and Scientific Laboratory of Computer Systems Software; Regional Information and Analytical Center of the Environmental Monitoring System of the Autonomous Republic of Crimea; "Legal Clinic"; Synchronous Translation Center; Botanical Garden; Zoological Museum; Scientific Library, with a total of 1 million 190 thousand books and documents.

In addition, the university had its own base of educational practice in biology and geography in the mountain forest of Crimea.

On September 26, 2016, in the assembly hall of the Ministry of Education and Science of Ukraine, the inauguration of V. I. Vernadsky Taurida National University transferred to Kiev from the annexed Crimea took place.

We have started a new section of the history of the glorious educational institution in Kyiv, the university's native city, where it was conceived and founded by Volodymyr Vernadsky.

In 2016, the first enrollment of students has already taken place at an updated university. University 98 years - and he again made the first student enrollment, as in 1918, when at the initiative of Solomon Crimea it was created by our founding parents!

There are full-time and part-time courses at the university, and work is underway on the introduction of distance learning. There are student and teaching mobility exchange programs.

At the beginning of the 2016-2017 academic year, 237 first-year students were enrolled in the university. The Ministry of Education and Science of Ukraine has granted the university the exclusive right to receive admissions to transfer students from the occupied territories throughout the year, now numbering about 3,000.

Not only citizens of Ukraine study at TNU, but also students from other countries: Russia, Belarus, Kazakhstan, Turkmenistan, India, Bangladesh, Azerbaijan, Uzbekistan, Iran, Iraq, Turkey, Libya. Of these, about 15 are in the main faculties and 50 in the preparatory department.

TNU is re-establishing partnerships with European universities so that its graduates can study under dual education programs and receive both a Ukrainian diploma and a European sample document.

TNU has signed an agreement on scientific cooperation with the Open University in Switzerland. The agreement envisages the joint work of the two universities to implement a double degree program, conduct research, exchange teachers and students, as well as educational programs.

Students of V.I. Vernadsky Taurida National University have the opportunity to study economics and management within the framework of a three-year international program, in the full-time and correspondence departments in Ukraine and Poland. The university graduates will receive not only full Ukrainian diplomas, but also a diploma from a Polish university accredited in the EU.

Programme outline

Purpose of activity of Pharmacy study programme is to train pharmaceutical personnel capable of working in the context of healthcare reform, rapid development and introduction of modern technologies, change of financing principles, international integration, training of a competitive specialist, implementation in educational, scientific and medical activity of innovative technologies, creation of favorable conditions investments, integration into the world educational and scientific medical space; creation of conditions for students for self-development, self-realization and spiritual search, which is the key to the formation of highly educated, free, democratic and nationally conscious people.

A favorable educational environment, technical and educational - material support were created for the qualitative preparation of competitive specialists. The practical part of the training of future pharmacists is carried out on the relevant bases of practice with which the cooperation agreements are concluded.

To ensure the quality of pharmaceutical training, specialized audiences and laboratories (chemical, biological and human anatomy with the basics of physiology, hygiene with the basics of microbiology and ecology, pharmacognosy and botany, safety of life with the basics of occupational safety, general and pharmacological and physics) function at the University). The main tasks and directions of the Pharmacy Study Programme are the improvement of educational activity, the development of new training modules and courses; introduction of ICT and modern forms of education (telemedicine technologies, interactive training seminars, etc.); providing practical training with modern clinical training, evidence-based medicine, bioethics, clinical and economic standards in medical and social nosologies in accordance with international experience and taking into account industry prospects.

The teaching staff of the department during the organization of training takes into account that the system of training of pharmaceutical personnel should perform the functions of providing the population with effective and safe medicines, carry out process management in the conditions of reengineering process, which allows to develop the production and sale of Ukrainian medicines, to control their quality, to provide organizational and methodological support to the pharmaceutical sector of health care, developing a modern

system of training of pharmaceutical personnel in accordance with the requirements of providing quality medical provision of the population according to EU requirements.

In order to expand cooperation, the University conducts scientific-practical conferences, round tables, master classes for the purpose of professional orientation of future students, taking into account the fact that it is already a conscious choice of their future profession.

The basic principles of educational activity of the Pharmacy Study Programme are:

- inseparability of learning processes, research work;
- ensuring competitiveness through high quality assurance,
- building competency-based education programs according to the levels of the National Qualifications Framework;
- ensuring a unified approach to the development of educational programs at all levels, taking into account professional standards, defining the criteria for assessing professional competences, terms and procedure for confirmation of qualifications obtained by the provost;
- ensuring an independent and objective evaluation of the qualifications of the pharmacist;
- scientifically and methodologically sound analysis of labor market needs and prospects of medical industry development in the process of academic policy development;
- promotion, including due to the effective organization of the educational process, the acquisition of professional qualification by students;
- conformity of educational programs with international classifications and standards of higher medical education;
- accessibility of all forms and types of educational services provided by the University;
- equality of conditions for each subject of education in full realization of his / her abilities, talent, comprehensive development;
- interconnection with foreign medical educational and scientific institutions;
- integration of education and science in the educational process of the University.

The curriculum is prepared in accordance with the main provisions of the draft higher education standard of the second (master's) level of training of applicants for higher education "master" of the field of knowledge 22 "Health care" in the specialty 226 "Pharmacy, industrial pharmacy" (hereinafter - the Standard) and developed on the basis of an exemplary curriculum for training specialists of the second (master's) level of higher education in the field of knowledge 22 "Health care" in higher educational institutions of the Ministry of Health of Ukraine, specialty 226 "Pharmacy, industrial pharmacy" lifikatsiyi "Master of Pharmacy" professional qualification "Pharmacist", approved by the Ministry of Health of Ukraine July 26, 2016. The curricula are designed with the compulsory study of the Ukrainian language as a separate discipline "Ukrainian as a foreign language" in the case of training of foreigners and stateless persons in higher education institutions regardless of the language of study. In accordance with the curriculum and the existing educational and methodological documents, the requirements of the Ministry of Education and Science and the Ministry of Health of Ukraine, educational and methodological complexes have been formed.

The list of courses is formed according to their names in the curricula of the pharmaceutical faculties and medical universities in Europe, which ensures the acquisition of higher, integrated and general (special) competences by the applicants of higher education in accordance with the PPP "Pharmacy, Industrial Pharmacy". Practical training of students is carried out in the form of propedeutical, industrial, pharmacy practice, which are components of practical training of students. Requirements for the practical training of students are defined in the programs of industrial practice and in all typical curricula in the pharmaceutical

disciplines, including through the curriculum in the field of "Pharmacy". The amount of practical work of students in pharmacy institutions is not less than 25% of the number of academic hours provided for practical training in the discipline. In accordance with the curriculum and the existing educational and methodological documents, the requirements of the Ministry of Education and Science and the Ministry of Health of Ukraine, educational and methodological complexes have been formed in the respective educational disciplines.

In order to ensure the qualitative practical training of future masters of pharmacy by the standards of higher medical education, the University has concluded agreements on cooperation with medical and pharmaceutical institutions, which, subject to licensing a specialty 226 "Pharmacy, industrial pharmacy" of the field of knowledge 22 "Health care" in the degree of higher education Master will become a pharmaceutical base with the ability to provide an educational process. The pharmaceutical base is used to improve the practical training of future specialists in the specialty "Pharmacy, Industrial Pharmacy". Ensuring the quality of the provision of pharmaceutical assistance, the conduct and implementation of the research results on a contractual basis promotes the practice of students of the Faculty of Medicine and Pharmacy at the National Botanic Garden. M.M. Gryshko NAS of Ukraine, SE "Medicine of Ukraine", PJSC "Darnytsia Pharmaceutical Firm", PJSC "INDAR", Kyiv City Clinical Oncology Center, Kyiv MDC-Svyatoshinsky District, Kyiv Regional Council "Kyiv Regional Hospital" 2 ", LLC "Pharmacy of hormonal medication", "TAS - pharmacy №60", "Pharmacy", "Eco - Pharmacy", "Farmia", "Vitalux", "LASKAVA - PHARM", KP "Borispol central pharmacy №24".

Training of specialists, incl. foreigners and stateless persons, specialty 226 "Pharmacy, industrial pharmacy" of the field of knowledge 22 "Health" by the degree of higher education the master will be provided by the graduating department of quality management, standardization and safety of medicines, as well as other university departments where they work qualified professors, associate professors and teachers. A project team of scientific and pedagogical staff has been established and responsible persons have been appointed, who are responsible for the development of project documentation for the training of higher education applicants in the specialty 226 "Pharmacy, industrial pharmacy" of the field of knowledge 22 "Healthcare" by master's degree. The project team included well-known in the field of medicine and pharmacy, scientists, pharmacists.

Admission Regulations to V. I. Vernadsky Taurida National University application deadlines, entrance tests, creative competitions and enrollment apply to foreigners and stateless persons.

For two years (since 01.02.2017) within the University there is a department to work with foreign students, which is responsible for the organization of study, accommodation and ensuring the stay of foreigners in Ukraine legally. The department's work is aimed at solving the following tasks:

- establishing contacts with domestic and foreign legal entities and individuals, representatives of educational institutions of foreign countries with the purpose of organizational and legal support of foreigners wishing to obtain higher education at the University;
- participation in solving the issues of organization of professional training and internship of teachers in foreign educational establishments, in international educational programs of dissemination of information on the directions and conditions of admission to the University abroad, monitoring of current and prospective academic exchange programs; organizing the selection of participants in academic exchange programs;
- studying of perspective educational technologies of foreign countries, experience of leading WHO of Ukraine in the field of preparation of foreign students;
- processing of legal invitations to study and ensure the stay of foreigners and stateless persons in Ukraine;
- control over timely registration of foreign nationals in the State Migration Service of Ukraine in accordance with the current legislation;
- control over the verification of documents presented by foreign nationals upon admission and admission to the University in accordance with applicable law. control over registration of personal

cases of foreign students, contracts with foreign students, documents that accompany studies of foreign citizens;

- providing foreigners with organizational and legal support in the process of nostrification of foreign higher education documents, if they are submitted when they enter the University.

The department has created favorable conditions for obtaining higher education by foreigners. The members of the Education Quality Assurance team, including the project team, are professionals with English proficiency at B2 level, following the European Guidelines for Language Education, as evidenced by the relevant documents.

Foreign students are provided with a hostel that complies with the standard of residence.

INFORMATION SUPPORT

One of the priority areas for the development of educational activity at the University, and in particular the Programme, is the introduction of the latest information technologies into the educational process in the educational process. The main goal is to use computer technology effectively to capture the rapidly growing amounts of information every year.

Information support is provided by educational books (textbooks, tutorials, etc.) and electronic resources.

The work on informatization of the activity of the University is carried out in the following main areas:

software development of integrated automated databases for university, university, college, and departmental levels;

gradual equipping of the University units with modern computer facilities at all levels of training and management;

combining (within the required) all computing resources into a single information network.

The university is equipped with computer equipment (all structural units have modern computers, computer labs, specialized computer classes and resource centers). Pentium-based computers are used to provide the educational process. The University has its own access to the Internet, a mail server, a publishing center, lingaphone offices, special offices in the areas of training licensed in an educational institution, specialties.

The educational process is provided with audio-visual equipment and graph projectors. Conditions for access to open universal educational bases (eg Acronym Finder, Deutsche Digitale Library, The British Library, Directory of Open Access Books (DOAB), Directory of Open Access Journals (DOAJ), etc.), periodicals in medicine as domestic as well as foreign ones.

The University has its own library, information support is provided by educational books (textbooks, tutorials, etc.). The amount of medical literature and periodicals meets regulatory requirements. In addition, the University has an agreement with the National Scientific Medical Library of Ukraine, which will allow students to get acquainted with the latest scientific works in a timely manner.

OBJECTIVE, PRINCIPLES AND AREAS OF DEVELOPMENT (CONCEPTS)

The strategic goal of the Concept, which will be implemented during 2019-2025, is to create legal, economic and organizational conditions for improving the quality of medical education by bringing its standards to international requirements and efficient use of material and technical and human resources potential:

- in the field of education - maintaining leadership in the preparation and competitiveness of pharmacists;
- scientific activity - achievement of the status of self-sufficient research educational institution;
- personnel policy - development of competence characteristics, improvement of the quality level of the scientific and pedagogical team;

- international cooperation - enhancing the international prestige of the University, ensuring international standards of quality of educational services in the field of pharmacy;
- information security - implementation of the latest information technologies and software in all spheres of activity of the University;
- formation of active citizenship - ensuring harmonious development of the individual based on a combination of perspective international, national and corporate traditions.

Basic principles of development:

- principle of state formation - the activity of all structural units of the University is directed to the approval and development of the statehood of Ukraine, raising their level of activity to international standards;
- principle of scientific - taking into account in the educational process the achievements of psychological and pedagogical, medical, pharmaceutical sciences, physiology, hygiene, cybernetics, etc., which make it possible to teach on a scientific basis;
- principle of humanization - the formation of a humane personality by humane means, the recognition of a person as the highest value;
- principle of purposefulness - determination of strategic goals, near, medium and long-term prospects before professors and students, solving specific tasks for their achievement;
- principle of systematic - the coherence and interdependence of the development of medical science in order to achieve high scientific results;
- principle of planning - a clear perspective and daily planning of all directions of educational, scientific and economic activity of the University, taking into account its material and technical capabilities;
- principle of competence is a high level of professional training, honest fulfillment of functional duties, erudition, creative solution of complex pedagogical tasks;
- principle of optimization is to create favorable conditions for effective activity of the teaching staff.

Perspective directions of development of the University, and in particular preparation of specialists, incl. foreigners and stateless persons under the educational and professional program "Pharmacy" in the specialty 226 "Pharmacy, industrial pharmacy" of the field of knowledge 22 "Health care" are:

- ✓ integration of processes of educational, research work;
- ✓ ensuring the graduates' competitiveness through high quality assurance;
- ✓ building competency-based education programs according to the levels of the National Qualifications Framework;
- ✓ ensuring a unified approach to the development of vocational programs at all levels, with due regard for professional standards, defining the criteria for assessing knowledge, skills, competences, terms and procedure for certification of qualifications obtained by the provisor;
- ✓ ensuring an independent and objective assessment of the qualifications of the physician;
- ✓ scientific and methodologically sound analysis of labor market needs and prospects of pharmaceutical industry development during academic policy-making;
- ✓ assistance, including through the organization of the educational process, the acquisition of professional qualification by students;
- ✓ recognition of qualitative practical training of students as a prerequisite for obtaining qualification as a provost;
- ✓ compatibility of educational programs with international classifications and standards of higher medical education;
- ✓ accessibility of all forms and types of educational services provided by the University;
- ✓ equal conditions for each subject of training in full realization of his / her abilities, talent, comprehensive development;
- ✓ humanism, democracy and the priority of universal spiritual values;
- ✓ interconnection with medical educational and scientific institutions of foreign countries;
- ✓ integration of medical education and science into educational activities of the University.

- ✓ expanding the clinical base network for practical training;
- ✓ development and implementation of the virtual learning system and technologies in the educational process;
- ✓ implementation of the International study program, permission for exchange of students - future pharmacists in our country and abroad;
- ✓ organization of high education equation for foreign students;
- ✓ attraction of foreign perspective experience of preparation of future pharmacists;
- ✓ acquainting students with state-of-the-art regulatory support that will help a young professional to choose the optimal strategy for providing pharmaceutical services and pharmaceutical care;
- ✓ introduction into the educational process of preparation of future distance learning providers, open online courses (MOOC), which will allow to quickly transmit and edit information of any kind and volume over long distances, to communicate via the Internet both in Ukraine and abroad.

Therefore, the main purpose of the Programme educational activities is to prepare highly qualified and competitive pharmacists, incl. foreigners and stateless persons, capable and prepared to practice in the current context of healthcare reform.