

ORGANIZATION OF THE EDUCATIONAL PROCESS IN A TEMPORARILY RELOCATED INSTITUTION OF HIGHER EDUCATION DURING THE IMPLEMENTATION OF A NEW STANDARD OF HIGHER EDUCATION: MODERN CHALLENGES AND PROSPECTS

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The educational process in higher education institutions of Ukraine has undergone decisive changes caused by the COVID-19 pandemic and large-scale hostilities on the territory of the country. The need to implement the latest methods of education for those seeking education has revealed certain difficulties in conducting educational classes, in particular, the inadequacy of the material and technical base of higher education institutions, software, training of scientific and pedagogical workers, etc. Given the specificity of the field of knowledge 22 "Health care", the transition to a distance format of education affected medical educational institutions especially acutely. A significant role in this was also played by the adoption by the Ministry of Education and Science of Ukraine of the Standard of higher education of the second (master's) level in specialty 226 "Pharmacy, industrial pharmacy" (hereinafter Standard) in November 2022. The development and adoption of this Standard was a long and complex process. Thus, the first edition of the Standard project was published back in 2017. However, a number of significant changes in educational legislation, changes in the names and numbers of fields of knowledge and specialties complicated the process of its approval in that period. Later, the Ministry of Health made efforts to agree on all positions and

reach the final version of the Standard project [1]. The approved Standard enters into force from the 2023/2024 academic year. By that time, all institutions of higher education that train masters in specialty 226 "Pharmacy, industrial pharmacy" must bring their educational programs into compliance with the standard [2].

The conducted studies are a fragment of the research work of the State Enterprise "Luhansk State Medical University" on the topic: "Conceptual interdisciplinary approaches to pharmaceutical supply and availability of medicines, taking into account organizational and legal, technological, analytical, pharmacognostic, forensic and pharmaceutical, clinical and pharmacological, of pharmaco-economic, marketing and socio-economic competences" (as of March 15, 2023, state registration number 0123U101632, terms 2023-2027).

For temporarily relocated institutions of higher education, the reduction in the number of scientific and pedagogical workers, the lack of educational facilities and laboratories with specialized equipment, and the loss of connections with health care institutions in which clinical departments and industrial practice bases were located are very difficult challenges.

After the relocation of the Higher Education Institution, there is a need to restore educational and methodical materials, the library fund, and the nomenclature of documents of the structural units of the university. It is possible to significantly speed up the solution of this problem thanks to the filled website of the institution of higher education using cloud services located outside of Ukraine, which makes it impossible to damage the servers due to military aggression. Study guides, electronic textbooks, methodical developments, video lectures, tests and written tasks were placed on the relevant pages of the educational components in the Google Classroom application even during the pandemic period. The availability of these materials made it possible to resume the educational process almost immediately after the relocation of the higher education institution in a distance format and to prepare for the beginning of the new academic year in face-to-face mode. In addition, in the conditions of martial law, electronic resources

with tasks make it possible not to interrupt studies in theoretical departments, even during an air raid, provided that all participants in the educational process are in safe places.

As a result of the military aggression, foreign students of higher education were forced to leave the territory of Ukraine, so for this contingent, distance education remained the only possible option for the implementation of the educational process. In order to communicate with these applicants, scientific and pedagogical workers widely use the most popular applications and messengers. Their use and Google Classroom enable teachers to conduct lectures, practical classes, and seminars in synchronous and asynchronous modes, demonstrate the implementation of practical skills, and carry out current and final control of the level of knowledge through testing, surveys, and verification of written tasks. With the beginning of hostilities, the right of applicants to academic mobility, both within Ukraine and abroad, is in particular demand at the university. Recognition of the results of studies in other institutions of higher education, as well as informal and informal education at scientific and practical conferences, master classes and seminars, followed by re-enrollment of certain topics or entire educational components, enables students to realize their own individual educational trajectories.

The implementation of the Higher Education Standard became an additional challenge for the higher education institution. The approved Standard has a number of features. Two specializations are provided: 226.01 "Pharmacy" and 226.02 "Industrial pharmacy". Training of students of higher education in specialization 226.01 Pharmacy can be carried out in face-to-face (daytime, evening) and distance forms of education. However, the distance, part-time form of education is allowed only on the basis of the obtained educational degree of professional junior bachelor, junior bachelor, bachelor of the educational program 226.01 Pharmacy (226 Pharmacy, industrial pharmacy) and master of specialties of the field of knowledge 22 Health care. For specialization 226.02 Industrial Pharmacy, a dual form of education is allowed.

Type of diploma and scope of the educational program. Master's degree, single degree, 300 ECTS credits, study period 4 years 10 months; 3 years and 10 months; 1 year 10 months.

Scope of the master's educational program:

- On the basis of complete general secondary education – 300 ECTS credits.
- On the basis of the diploma of the obtained educational level of professional junior bachelor, junior bachelor, junior specialist of the educational program 226.01 Pharmacy (226 Pharmacy, industrial pharmacy) – 240 ECTS credits.
- On the basis of the master's degree obtained in the field of knowledge 22 Healthcare – 240 ECTS credits.
- On the basis of the obtained bachelor's degree in the specialty 226 Pharmacy (226 Pharmacy, industrial pharmacy under the educational and professional program Pharmacy) – 120 ECTS credits.

The amount of ECTS credits based on a complete general secondary education is 360 for the educational and scientific program.

The Standard takes into account the cycle and level of higher education. For specialization 226.01 Pharmacy, we have the Second Cycle of the European Higher Education Area (FQ – EHEA); Level 7 of the European Qualifications Framework for Lifelong Learning (EQF – LLL); Level 7 of the National Qualifications Framework of Ukraine (NQU Ukraine) [3-5]. The standard sets requirements for the level of education of persons who can start training under the educational program. The presence of a certificate of complete general secondary education (based on certificates of external independent evaluation), as well as on the basis of a diploma of the obtained educational level of a professional junior bachelor, a junior bachelor of educational program, a bachelor of specialization 226.01 Pharmacy / 226 Pharmacy, industrial pharmacy and on the basis of a diploma of the obtained educational level of a master specialties of the field of knowledge "22 Health care". The conditions of admission are determined by the Rules of admission to higher education institutions. Also, the Standard contains a list of

mandatory general and special (common, by specialization, additionally for the educational and scientific program) competencies of the graduate and the expected learning outcomes [6]. It is envisaged that the certification of graduates will be carried out in the form of a single state qualification exam and the defense of a qualification work. In addition, the requirements for the organization of the educational process are regulated by the requirements regarding the features of the licensing of the educational program for regulated professions. The academic rights of graduates are the further acquisition of the degree of Doctor of Philosophy and additional qualifications in the adult education system, in particular, for graduates of specialization 226.01 Pharmacy: internship and secondary specialization in pharmaceutical specialties.

In order to further improve the educational process in the relocated institution of higher education, the creation of a university clinical hospital is planned, which will allow the concentration of clinical departments of the university in one place in order to improve the quality of practical training and convenience for applicants, to introduce the latest methods of diagnosis and treatment, and to expand the range of clinical research. Involvement of senior year students in scientific work with subsequent study at the third educational and scientific level of education makes it possible to improve the personnel potential of the departments at the expense of their own graduates in the future. An important step in the optimization of the educational process will be the opening of a simulation training center for students to practice practical skills and conduct an objective structured clinical (practical) exam.

References

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