SECTION 4. INNOVATION IN EDUCATION

4.1 Modernization of scientific and pedagogical approaches in training of personnel from physical culture on the basis of academic mobility

The leading task of national education, the success of which largely determines the development of the country and its place in the world community, is the training of productive professionals, in accordance with European standards [259]. The development of the educational field cannot be realized without the modernization of the professional progress of scientific and pedagogical staff of universities, the use of tools to update the knowledge of teachers, their skills and abilities; reforming education and deepening its content; expansion of educational offers in accordance with modern requirements. The importance of forming highly qualified specialists in the field of pedagogy, able to act at the level of international professional standards, is due to the context of Ukraine's entry into the world educational space.

Modernization of modern education in the field of physical culture necessitates the development of a new model of this process, based on interdisciplinary integration processes of academic mobility and requires a search in a certain direction to meet today's challenges [261]. The leading feature of the new educational system should be the global nature, which is manifested in the fact that many phenomena that previously had a purely national dimension, today acquire a universal mobile form. The need to find ways to improve the training of specialists in physical education, which occupies a proper place in pedagogical theory and practice and which as a function of general pedagogy is, in fact, the technology of health care, is now growing significantly.

We focus on projects and ideas that shape the international space of higher education institutions. In an effort to inspire students and potential entrants, higher education institutions embody themselves as part of the global world of internationalization, as a promising educational institution with great opportunities for educational, personal, professional development and comfortable conditions for self-realization. The positions and directions of exploration of educational development pathways should be directed firstly to a radical restructuring of the educational sector,

and secondly to the modernization of this process through the use of innovation [261]. The following directions are distinguished: the implementation of interdisciplinary and project approaches, globalization and internationalization of education, intensive development and widespread use of information and communication technologies, taking into account andragogical principles of training, professional mobility of a specialist in the vertical and horizontal dimensions, the insurance of possibilities for lifelong education.

The university defines priority development goals, including modern space and provision of educational infrastructure, efficiency of the educational process, internationalization, choosing a European vector of integration. The strategic choice of the latter is to integrate into the global educational community through competitive development, for which the mobility resources of students and teachers should be actively used. The main task is to actively implement large innovative international projects based on the concentration of external and internal resources [262].

Academic mobility increases the chances of physical education teachers for professional self-realization. It becomes the response of the national system of pedagogical education to the challenges of the global educational space, fierce competition in the market of educational services. The European Commission notes that studying abroad should become a standard element of university education. International academic mobility is a common world practice, which is the exchange of experience in educating teachers abroad. In particular, it provides an opportunity to receive additional education according to new professional educational standards, monitor the quality of education and ratings of higher education institutions, update the content of educational programs in accordance with the requirements of employers at the level of promising research in physical culture.

The most important factors that actualize intelligence in a certain direction are a deep understanding of the phenomenon of academic mobility. First of all, let us clarify that such mobility is the opportunity for participants in the educational process to study, teach, train or conduct research in another institution of higher education (scientific institution) in Ukraine or abroad. This problem is becoming especially popular

primarily in the context of the formation of professionally mobile future specialists in physical culture. The need to integrate national education into the European educational space requires the definition of conceptual strategies for further improvement and development of physical education of students. According to the postulates of the Conceptual Principles of Development of Pedagogical Education of Ukraine and its integration into the European educational space, one of the main tasks of its development is: modernization of educational activities in all fields of knowledge.

This requires the development of a new educational concept, the creation of an updated system of education, the transition from archaic methods to advanced methods of supporting educational activities. Therefore, this necessitates a radical change in professional activities and professionals, as they have to work in a situation of permanent innovation. Emphasis is placed [263] on the need for their professional development to provide high quality educational services and improve scientific, pedagogical, innovative activities.

Improving the effectiveness of pedagogical education in the field of physical culture, ensuring its mobility, attractiveness, competitiveness in the labor market not only domestic but also European, necessitates continuous improvement of this process to meet modern challenges. The implementation of the strategic task of training competitive teachers is also due to profound changes in the system and structure of higher pedagogical education and the need for its integration into the European educational space [258]. This requires a number of urgent measures for further improvement and development of pedagogical education and training in the field of physical culture.

Recently, the topic of reforming the education sector, in particular the modernization of training of physical education, has become extremely relevant, especially in the context of the Ministry of Education and Science of Ukraine's attempt to develop new state standards in various specialties. Thus, the guidelines for the transition to a new educational paradigm include rethinking the doctrine of training teachers in physical culture at the level of European quality, the corresponding

modernization of content and optimization of its technological support to achieve new quality.

Undoubtedly, today the system of training specialists in physical culture faces the problem of transition from the traditional pedagogical paradigm to the teaching of the discipline of physical education of innovative type. This approach is designed to ensure the proper health of the younger generation, which is the genetic, cultural and professional potential of the nation. Today, in the new pandemic reality, the health of young people is one of the most pressing problems of modern pedagogy.

With the acceleration of social progress, economic and social transformations, increasing the volume and intensity of information exchange, ensuring the use of the latest achievements of mobile exchange remains the most important strategic priority of sustainable development of pedagogical education in physical culture [259]. In the context of accelerating social progress, economic and social transformations, increasing the volume and intensity of information exchange, ensuring the use of the latest advances in mobile exchange remains the most important strategic priority for sustainable development of pedagogical education in physical culture [264]. international cooperation in the field of education and science will allow physical education teachers to get better opportunities to choose the country (place and time) for development and self-realization in order to achieve competitiveness in the domestic and global labor market.

At the heart of our proposals is a change of emphasis in the teaching of the discipline "Physical Culture", namely the acquisition of future skills by future professionals based on the concept of health management. The latter involves the training of specialists who further direct their potential to preserve and strengthen health, increase its resources. This is how it is possible to solve an important state task in the field of physical education - to ensure the formation of a healthy personality, which determines the general level of economic and social status of the country and outlines the trend of search in solving this problem. The implementation of this doctrine is aimed at radical changes, to update the system of physical education of students, to

change and develop the educational process in order to achieve higher results and the formation of qualitatively different pedagogical practice of physical education.

We support the provisions [260] on the innovative development of the education system, which is characterized by high quality educational services regardless of temporal and spatial factors based on current trends in the international educational space. Today's society needs highly qualified physical education professionals who are able to adapt to the challenges of the new millennium.

For the formation of professional mobility of future specialists in physical culture, actions to modernize the content of higher education and strategic ways to update it are fundamental. Given the above, we highlight a number of urgent measures aimed at improving the system of teacher education. First of all, radical modernization of all parts of the field of physical culture attracts attention. In Ukraine, the policy of modernization of the physical education system at all levels is a component of public policy [261].

In our opinion, it is necessary to create a single space of the system of physical culture of Ukraine, which requires competent personnel to guarantee its functionality and efficiency. Today, academic mobility is a necessary condition for the formation of the most common educational space. It becomes a response of national education systems to the challenges of the global educational space, fierce competition in the market of educational services. Academic mobility increases a person's chances for professional self-realization, as well as improves the quality of labor resources of the national economy.

Formation of professional mobility of future specialists of physical culture is considered as the educational process directed on mastering by applicants of higher education of key competences: instrumental, general, professional. Such competencies include knowledge, skills and abilities to analyze situations and apply professionally oriented knowledge to solve them.

In the context of strategic objectives of the state educational policy of Ukraine, external academic mobility should be considered as an essential article not only of educational but also cultural exchange. We believe that such mobility provides an

opportunity to see the foreign education system and part of the innovative educational space.

Professional mobility of teaching universities should be considered as a mechanism for raising the level of the national educational system through the study of foreign experience. Creation of an updated system of training in the field of physical culture, the transition from archaic methods to advanced methods of supporting this process on the basis of advanced foreign experience, in accordance with modern educational development [263]. Academic mobility of physical culture specialists characterizes the presence of their individual educational trajectory through study on the territory of Ukraine or abroad. Therefore, it implies the acquisition of new experience in the application of pedagogical technologies in the field of physical education and the ability to participate in national and international educational and health projects. From the point of view of European standards, the content of such education, methods and forms of its organization should be subordinated to the purpose of adaptation of pedagogical education to the new type of education that characterizes the modern period of development of the educational community. Using the potential of modernization in the modern scientific space, it is possible to significantly increase the possibilities of introducing new tools to increase the efficiency of this process.

It is safe to say that only the widespread introduction of new pedagogical technologies, taking into account the trends of world development, will change the paradigm of pedagogical education and most effectively implement the opportunities inherent in such forms. The mobility project involves the creation of resources not only for research, project implementation, but also for opportunities for self-realization and gaining positive experience by teachers. Mobility technologies create the conditions for solving the global problem of internationalization of the educational environment, the priority of which should be the global unification of all possible resources for the development of specialists. The implementation of such a doctrine is aimed at radical changes, to update the system of pedagogical training, which will be able to change and develop the educational process in order to achieve higher results and the formation of highly effective pedagogical practice of physical education.

Thus, improving the quality of the educational process is due to a number of factors, in the list of which an important place is occupied by the development of education on the basis of modernization. Active introduction of modernization technologies in the educational process corresponds to modern social development and is the most important strategic priority of sustainable development of the industry.

We believe that innovative trends at the present stage of modernization of teacher training in the field of physical culture require powerful evolutionary changes. Such changes are necessary in order to find new, more advanced forms and methods of forming the skills and abilities of teachers of the new generation, which are able to implement a qualitatively new pedagogical practice. It is the implementation of the mobility of all university policy measures that can ensure the coordination of scientific and educational development of students, which will further become a powerful participant in the global competitive European space.