

**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE  
KHMELNYTSKY NATIONAL UNIVERSITY**

**APPROVED**

Academic Council of  
Khmelnysky  
National University  
protocol from \_\_\_\_ 20\_\_ №\_\_

Chairman of the Academic  
Council

\_\_\_\_\_  
Signature Mykola Skyba  
Name, Last Name

**Educational and professional program**

Type of educational program

**Occupational therapy**

The name of the educational program

<b>LEVEL OF HIGHER EDUCATION</b>	<u>The first (bachelor's) level</u>
<b>SPECIALTY</b>	<u>227 Therapy and rehabilitation</u> Code and name
<b>BRANCH OF KNOWLEDGE</b>	<u>22 Healthcare</u> Code and name
<b>EDUCATIONAL QUALIFICATION</b>	<u>Bachelor of Occupational Therapy</u> Name

**The educational program is put into operation**

from \_\_\_\_\_ 20\_\_ y.

Order from \_\_\_\_\_ 20\_\_ №\_\_

Rector \_\_\_\_\_ Sergey Matyukh  
Signature Name, Last Name

**ENTERED**

**PROJECT GROUP**

**Department** of Physical Therapy, Occupational Therapy

**Guarantor (project team leader):**

Protocol from \_\_\_\_\_ 20\_\_ № \_\_\_\_\_

\_\_\_\_\_  
Oleg Bazylchuk  
**Doctor of Ped. S., Prof.**  
Signature Name, Last name, academic degree, title

The head of Department \_\_\_\_\_ Oleg Bazylchuk  
Signature Name, Last name

**Members of the project team:**  
\_\_\_\_\_  
Mykola Mastruk  
**Doc. of Phys. Ed., Prof.**  
Signature Name, Last name, academic degree, title  
\_\_\_\_\_  
Vitaliy Kabashnyuk  
**Cand. of Med. S., Assoc.Prof.**  
Signature Name, Last name, academic degree, title

**AGREED:**

**Academic Council of the Faculty of Health, Psychology, Physical Culture and Sports**

**Educational and methodical department**

Protocol from \_\_\_\_\_ 20\_\_ № \_\_\_\_\_

The head \_\_\_\_\_ Larysa Lyubokhynets  
Signature Name, Last name

Chairman of the Academic Council \_\_\_\_\_ Eugene Pavlyuk  
Signature Name, Last name

**Training department**

The head \_\_\_\_\_ Oleg Samolyuk  
Signature Name, Last name

**Department of Quality Assurance in Higher Education**

The head \_\_\_\_\_ Anna Krasilnikova  
Signature Name, Last name

# LETTER OF AGREEMENT

**Khmelnysky Regional Clinical Hospital, Orthopedic and Traumatology  
Department**

Name of organization (enterprise)

\_\_\_\_\_  
Signature

Yuri Pavlishen

Name, Last name

**municipal non-profit enterprise "Khmelnysky regional hospital  
war veterans "of Khmelnysky regional council**

Name of organization (enterprise)

\_\_\_\_\_  
Signature

Oksana Bochkareva

Name, Last name

**Khmelnysky City Hospital Municipal Enterprise of Khmelnysky City Council**

Name of organization (enterprise)

\_\_\_\_\_  
Signature

Valery Garbuzyuk

Name, Last name

**Chairman of the Student Council of the Faculty of Health, Psychology, Physical  
Culture and Sports**

\_\_\_\_\_  
Signature

Name, Last name

**Profile of the educational program  
in specialty 227 Therapy and rehabilitation**

<b>1. General information</b>	
<b>Full name of the institution of higher education and structural unit</b>	Khmelnitsky National University Faculty of Health, Psychology, Physical Education and Sports Department of Physical Therapy, Occupational Therapy
<b>Degree of higher education</b>	Bachelor
<b>Name of educational qualification</b>	Bachelor of Occupational Therapy
<b>The official name of the educational program</b>	Educational and professional program "Occupational Therapy"
<b>Diploma type and the scope of the educational program</b>	Diploma type - single. Bachelor's degree single, the volume of the educational program - 240 cr. ECTS, training period - 4 years.
<b>Availability of accreditation</b>	According to the decision of the Certification Commission from 12.06.2018 protocol 30130 (Order of the Ministry of Education and Science of Ukraine from 20.06.2018 №662) Ukraine Until 01.07.2028
<b>Cycle / level</b>	National Qualifications Framework - Level 6; FQ-EHEA - the first cycle; EQF LLL - 6 level
<b>Prerequisites</b>	Availability of complete general secondary education
<b>Language (s) of instruction</b>	Ukrainian
<b>Term of the educational program</b>	4 years
<b>Internet address of the permanent location of the educational program</b>	<a href="https://www.khnu.km.ua/root/page.aspx?l=0&amp;r=50">https://www.khnu.km.ua/root/page.aspx?l=0&amp;r=50</a>
<b>2. The purpose of the educational program</b>	
<p>Training of specialists capable of solving complex specialized problems and practical problems related to disorders of physical, social and mental health, occupational activity and occupational participation using the provisions, theories and methods of medical-biological, social, psychological and pedagogical sciences.</p> <p>Training of specialists capable of solving complex specialized problems and practical problems related to disorders of organs and systems, in particular, musculoskeletal, nervous, cardiovascular and respiratory systems using the provisions, theories and methods of medical, biological, social, psychological and pedagogical sciences.</p>	
<b>3. Characteristics of the educational program</b>	
<b>Subject area (field of knowledge, specialty, specialization (for availability))</b>	Field of knowledge - 22 «Healthcare» Specialty - 227 «Therapy and rehabilitation» The program provides training of qualified specialists to perform functional duties in the specialty of therapy and rehabilitation, able to correct impaired motor functions and human activities in order to restore full life in accordance with the wishes and needs of man in the environment. The educational program is based on many theoretical principles, combining empirical and phenomenological knowledge to enable students to develop a deep understanding of the complexity of employment and human participation and the factors influencing this process.
<b>Orientation of the educational program</b>	The educational and professional program has an applied orientation.

<b>The main focus of the educational program and specialization</b>	<p>Special education in the field of health care, specializing in therapy and rehabilitation.</p> <p>The educational program focuses on occupational activities as an excellent element of occupational therapy. The program addresses a unique combination of occupational problems depending on local human health and well-being needs that its graduates will be able to solve in practice. The educational program places due emphasis on the study of the impact of health on participation, methods of changing occupational lifestyles to promote health and well-being, and means of minimizing health risks that hinder people's participation.</p> <p>Key words: occupational therapy, professional activity, occupational participation, physical therapy.</p>
<b>Features of the program</b>	<p>program provides:</p> <ul style="list-style-type: none"> <li>- training only in full-time form of education;</li> <li>- training focused on practice in "real" conditions (in the laboratory for occupational therapy, which is equipped with grant funds from the Erasmus + project KA2 "Developing an Occupational Therapy study program in Ukraine"), which together with the study specific methods of occupational therapy promotes the development of students' broader social and communication skills, interaction with future patients, the development of professional identity;</li> <li>- Mandatory clinical practices in occupational therapy and physical therapy of at least 1000 hours (40 ECTS credits) in health care, social protection, education, rehabilitation centers in Ukraine and abroad.</li> </ul> <p>The program takes into account the specifics of the potential of the Podolsk region and the need for staff to realize their rehabilitation potential.</p> <p>Consistent with:</p> <ul style="list-style-type: none"> <li>- minimum standards of education of occupational therapists of the World Federation of Occupational Therapists (WFOT);</li> <li>- requirements for qualification characteristics for the position of occupational therapist assistant (Order of the Ministry of Health of Ukraine dated 13.12.2018 №2331); the list of positions of health professionals in health care institutions (Order of the Ministry of Health of Ukraine of 25.03.2019 № 668).</li> </ul>
<b>4 –Suitability of graduates for employment and further study</b>	
<b>Suitability for employment</b>	<p>Professional activity of a specialist in occupational therapy in accordance with the National Classification of Occupations DK 003: 2010, Order of the Ministry of Health of Ukraine March 25, 2019 № 668: assistant occupational therapist.</p>
<b>Further training</b>	<p>Opportunity to study according to the program of the second (master's) level of higher education. Acquisition of additional qualifications in the system of postgraduate education.</p>
<b>5. Teaching and assessment</b>	
<b>Teaching and learning</b>	<p>The educational process is carried out on the basis of student-centered and competence-based approaches, problem-oriented learning of self-study, learning through industrial practice, etc. Teaching is carried out in the form of: lectures, multimedia lectures, seminars, practical classes, laboratory work. Online / e-learning. Individual work. Individual lessons.</p> <p>Classical (explanatory-illustrative) and active (problem-based, interactive, project-based, self-developing, situational, positional and contextual learning, collaboration technology) learning technologies.</p>
<b>Assessment</b>	<p>Assessment of students' academic achievements is carried out according to 4-point ("excellent", "good", "satisfactory", "unsatisfactory") and verbal ("credited", "not credited") systems and ECTS scale.</p>

	Types of control: current, thematic, periodic, final, self-control. Forms of control: oral and written questionnaires, test tasks, creative work, essays, portfolios, etc.
<b>6. Program competencies</b>	
<b>Integral competence</b>	Ability to solve complex specialized problems and practical problems associated with dysfunction of organs and systems, employment and participation of a person characterized by complexity and uncertainty of conditions, using the provisions, theories and methods of medical, biological, social, psychological and pedagogical sciences.
<b>General Competences (GC)</b>	GC 01. Knowledge and understanding of the subject area and understanding of professional activity. GC 02. Ability to act on the basis of ethical considerations (motives). GC 03. Interpersonal skills. GC 04. Ability to work in a team. GC 05. Ability to motivate people and move towards a common goal. GC 06. Ability to communicate in the state language both orally and in writing. GC 07. Ability to communicate in a foreign language. GC 08. Ability to plan and manage time. GC 09. Skills in the use of information and communication technologies. GC 10. Ability to search, process and analyze information from various sources. GC 11. Ability to learn and master modern knowledge. GC 12. Ability to apply knowledge in practical situations. GC 13. Ability to act socially, responsibly and consciously. GC 14. Ability to exercise their rights and responsibilities as a member of society, to realize the values of civil (free democratic) society and the need for its sustainable development, the rule of law, human and civil rights and freedoms in Ukraine. GC 15. Ability to preserve and multiply moral, cultural, scientific values and achievements of society based on understanding the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, technology and technology, use different types and forms physical activity for active recreation and healthy living.
<b>Special (professional, subject) competencies (SC)</b>	SC 01. Ability to explain to patients, clients, families, members of the interdisciplinary team, other health professionals the need for physical therapy, occupational therapy, the principles of their use and the relationship with health care. SC 02. Ability to analyze the structure, normal and individual development of the human body and its motor functions. SC 03. Ability to interpret pathological processes and disorders and use for their correction suitable means of physical therapy, occupational therapy. SC 04. Ability to take into account medical, psychological, pedagogical, social aspects in the practice of physical therapy, occupational therapy. SC 05. Ability to conduct safe for the patient / client and practitioner practical activities in physical therapy, occupational therapy in traumatology and orthopedics, neurology and neurosurgery, cardiology and pulmonology, as well as other fields of medicine. SC 06. Ability to perform basic components of examination in physical therapy and / or occupational therapy: observation, survey, measurement and testing, to document their results (Annex 3). SC 07. Ability to help the patient / client understands their own needs, discuss and explain the content and need to implement a program of physical therapy and occupational therapy.

SC 08. Ability to effectively implement a program of physical therapy and / or occupational therapy.

SC 09. Ability to ensure compliance of physical therapy and / or occupational therapy measures with the functional capabilities and needs of the patient / client.

SC 10. Ability to carry out operational, current and stage control of the patient's / client's condition by appropriate means and methods (Appendix 3) and to document the obtained results.

SC 11. Ability to adapt their current practice to changing conditions.

SC 12. Ability to provide pre-medical care during emergencies.

SC 13. Ability to teach the patient / caregivers self-care / care, prevention of diseases, injuries, complications and disabilities, a healthy lifestyle.

SC 14. Ability to find ways to continuously improve the quality of physical therapy and occupational therapy services.

SC 15. Ability to adapt the means of daily activities, technical and auxiliary means of transportation and self-care in order to expand the functional independence of the patient / client and his participation.

SC 16. Ability to differentiate the areas of activity and the limits of professional competencies of a physical therapist and occupational therapist, if necessary, refer the patient / client to specialists in other specialties.

SC 17. Ability to apply modern management technologies to provide occupational therapy services for individuals, organizations or communities.

### **7. Program learning outcomes**

PLO 01. Demonstrate readiness to strengthen and maintain personal and public health through the use of human physical activity and outreach among patients / clients, their families, health professionals, and to improve the community environment.

PLO 02. Communicate orally and in writing in Ukrainian and foreign languages in a professional environment, have professional terminology and professional discourse, adhere to the ethics of business communication; to compile documents, including in a foreign language (languages).

PLO 03. Use modern computer equipment; find information from various sources; analyze domestic and foreign sources of information needed to perform professional tasks and make professional decisions.

PLO 04. Apply in professional activities knowledge of biological, medical, pedagogical and psychosocial aspects of physical therapy and occupational therapy.

PLO 05. Provide pre-medical care for emergencies and pathological processes in the body; choose the best methods and means of saving lives.

PLO 06. Apply methods and tools for determining and measuring structural changes and impaired body functions, activity and participation (Annex 3), interpret the information obtained.

PLO 07. Interpret the information on the patient's / client's violations according to the International Classification of Functioning, Restriction of Life and Health (ICF) and the International Classification of Functioning, Restriction of Life and Health of Children and Youth (ICF-CY).

PLO 08. Act in accordance with regulatory requirements and standards of professional ethics.

PLO 09. Implement individual programs of physical therapy, occupational therapy.

PLO 10. Carry out physical therapy measures to eliminate or compensate for motor disorders and activity (Annex 4).

PLO 11. Implement occupational therapy measures to eliminate or compensate for functional and associated limitations of activity and participation in activities.

PLO 12. Apply modern scientific evidence in professional activities.

PLO 13. Choose the best forms, methods and techniques that would ensure respect for the patient / client, his safety / protection, comfort and privacy.

PLO 14. It is safe and effective to use equipment for rehabilitation activities, control of the main vital signs of the patient, auxiliary technical means of rehabilitation for movement and self-care.

PLO 15. Communicate verbally and nonverbally with individuals and groups of interlocutors, different in age, level of education, social and professional affiliation, psychological and cognitive qualities, etc.,

in a multidisciplinary team.

PLO 16. To instruct and train clients, members of their families, colleagues and small groups.

PLO 17. Evaluate the results of physical therapy and occupational therapy programs, using appropriate tools (Annex 3), and, if necessary, modify current activities.

PLO 18. Assess yourself critically, learn new professional information, deepen knowledge through self-education, evaluate and present your own experience, analyze and apply the experience of colleagues.

Defined EP:

PRN 19. Apply in professional activities knowledge of ergonomics and universal design to adapt and create a safe and accessible environment for the patient / client, change the factors of physical and social environment to increase the functional independence of the patient / client.

PRN 20. Argue management decisions to solve problems that arise in the work of health care entities; have leadership skills.

## 8. Resource support for program implementation

<b>Staffing</b>	All scientific and pedagogical workers who provide teaching in the educational and professional program, by qualification correspond to the profile and direction of the disciplines taught, have the necessary experience of pedagogical work. All teachers have a level of scientific and professional activity, which is evidenced by the implementation of at least four types and results of licensing requirements. Professionals with experience in research, management, innovation, and creative work in the specialty are involved in the organization of the educational process.
-----------------	--

<b>Logistics</b>	<p>The total area of the buildings of the educational institution is 81435.15 square m; area of educational premises - 49657.15 square m. The indicator of the estimated area per student corresponds to the norm.</p> <p>Minimum equipment of the office of preclinical practice: therapeutic couches 120x200 cm - 2 units; stairs of different heights (5 cm, 10 cm, 15 cm); parallel adjustable bars; mobile mirror; crutches, sticks, walkers; wheelchairs of different sizes and degrees of mobility; elastic harnesses with resistance of various degrees; weights on limbs and fingers; platforms and discs for balance training, fitballs, etc .; mats, pillows, rollers, semi-rollers; bicycle ergometer; stepper; dumbbells; Swedish wall.</p> <p>Massage room equipment: massage couches at the rate of 1 couch for 5-6 students in a group.</p> <p>Minimum equipment for training in methods of measuring structural changes and impaired body functions: dynamometers; pulse ox meters; pressure measuring apparatus; heart rate monitors; calipers; portable speedometers - 2-3 copies; goniometry of various shapes and sizes; measuring centimeter tapes - at the rate of one copy for 2-3 students in a group; 10-meter measuring tape; balance; height meter - one copy.</p> <p>Laboratory for occupational therapy, which is equipped with grant funds from the Erasmus + KA2 project "Developing an Occupational Therapy study program in Ukraine" (adaptive kitchen utensils, refrigerator, washing machine, dishwasher, coffee machine); imitation of apartment elements (toilet, bedside toilet, bathroom, bed, wardrobe); household aids; standardized occupational therapy devices: Minnesota Manual Dexterity Test, Grooved Peg Board Dexterity Test, Purdue peg board test (model 320 20), Jamar (5030J1) Hydraulic Hand Dynamometer, Saehan Finger Goniometric Stainless Steel 9 cm - 180 ° per 5 °, etc.</p>
------------------	---

<b>Information and educational and methodical support</b>	<p>Availability:</p> <ul style="list-style-type: none"><li>- Ukrainian and foreign professional periodicals of the relevant specialty profile in the library (including electronic form);</li><li>- access to scientific and metric publications bases Scopus, Web of Science;</li><li>- the official website of KhNU, which contains basic information about the organization of the educational process;</li></ul>
---	--



	<ul style="list-style-type: none"> <li>- modular learning environment MOODLE;</li> <li>- electronic library of the university;</li> <li>- educational program, curriculum, work programs, syllabuses in all disciplines of the curriculum;</li> <li>- practical training programs;</li> <li>- guidelines for laboratory and practical work</li> </ul>
<b>9. Academic mobility</b>	
<b>National credit mobility</b>	Based on bilateral agreements between Khmelnytsky National University and higher education institutions of Ukraine: Khmelnytsky Basic Medical College, Vinnytsia National Medical University, Bukovynian State Medical University, Kamyanets-Podilsky National University. Ogienko, Shepetivka Medical College, Chemerovets Professional Medical College, Kamyanets-Podilsky Medical College, Ivan Bobersky Lviv State University of Physical Culture, Khmelnytsky Institute of Social Technologies of the Open International University of Human Development "Ukraine".
<b>International credit mobility</b>	Catholic Higher Educational Institution "VIVES University of Applied Sciences - North" (VIVES University College), Belgium; Polytechnic Institute of Porto (Instituto Politecnico Do Porto) Portugal. Erasmus + KA2 CBHE UKROTHE project - Development of an educational program on occupational therapy in Ukraine.
Training of foreign applicants for higher education	Not implemented

## II. List of components of the educational program and their logical sequence

### 2.1. List of components of the educational program

Code CEP	Components of the educational program (academic disciplines, course projects (works), practices, qualification work)	Number of loans ECTS	Form of final control	Semester
<b>MANDATORY COMPONENTS OF THE EDUCATIONAL PROGRAM</b>				
<b>Disciplines of general training (DGT)</b>				
DGT.01	Civil society	4	test	8
DGT.02	Ukrainian language (by professional direction)	4	test	1
DGT.03	Foreign language (by professional direction)	4	test	1,2
DGT.04	Pedagogy	4	test	2
DGT.05	General and clinical psychology	4	exam	5
DGT.06	Biological chemistry	4	test	2
DGT.07	Normal human physiology	5	exam	2
DGT.08	Normal human anatomy	5	exam	1
DGT.09	Biomechanics in activity adaptations	4	exam	2
DGT.10	Pre-medical care	4	exam	7
DGT.11	Pathology	4	exam	3
DGT.12	Theory of health and healthy lifestyle	4	exam	1
DGT.13	Information technologies in physical therapy, occupational therapy	4	exam	6
DGT.14	Fundamentals of medical and social rehabilitation	4	test	1
DGT.15	Physiology of motor activity	4	exam	3
DGT.16	Theory and methods of physical education	4	exam	5
DGT.17	Types of health-improving motor activity (physical education)	8	test	1,2,3,4
$\Sigma$		76		
<b>Disciplines of professional training (DPT)</b>				
DPT.01	Foundations of occupational therapy	5	exam	1

DPT.02	Models of occupational therapy	4	exam	2
DPT.03	Scientific and evidence-based practical activity in occupational therapy	4	exam	5
DPT.04	Assessment tools	4	exam	5
DPT.05	Integration of occupational therapy in professional activity	4	exam	3
DPT.06	International Classification of Functioning, Disability and Health	5	test	4
DPT.07	Ergotherapy in geriatrics	5	exam	4
DPT.08	Occupational therapy for developmental disabilities	5	exam	7
DPT.09	Occupational therapy for mental disorders	4	exam	6
DPT.10	Fundamentals of management and entrepreneurship in occupational therapy	5	exam	8
DPT.11	Assistive technologies in the OT practice	4	exam	3
DPT.12	Communication and interaction skills	4	exam	1
DPT.13	Occupational therapy in pediatrics	4	exam	5
DPT.14	Interprofessional cooperation	4	exam	3
DPT.15	Occupational therapy for neurological diseases	4	test	6
DPT.16	General introductory practice according to the profile of the future profession	6	test	2
DPT.17	Practice of occupational therapy in orthopedics	6	test	4
DPT.18	Practice of occupational therapy in geriatrics	6	test	5
DPT.19	Occupational therapy practice in pediatrics	5	test	6
DPT.20	Practice in occupational therapy for neurological disorders	8	test	7
DPT.21	Practice in occupational therapy for developmental disorders and psychosocial disorders	8	test	8
DPT.22	Unified State Comprehensive Examination (UEDKI)		exam	8
$\Sigma$		104		
<b>Total amount of required components</b>		180		
<b>SELECTIVE COMPONENTS OF THE EDUCATIONAL PROGRAM</b>				
	Elective courses of the third semester	8	test *	2
	Elective courses of the fourth semester	12	test *	4
	Elective courses of the fifth semester	8	test *	5
	Elective courses of the sixth semester	8	test *	6
	Elective courses of the seventh semester	12	test *	7
	Elective courses of the eighth semester	12	test *	8
<b>Together the selective part</b>		60		
<b>Together at the bachelor's degree</b>		240		

\* - the number of credits depends on the students' choice of free choice disciplines. Disciplines are chosen by students from the electronic catalog of the university.