

**NATIONAL UNIVERSITY OF UKRAINE
ON PHYSICAL EDUCATION AND SPORT**

EDUCATIONAL - PROFESSIONAL PROGRAM

**«Physical Therapy, Occupational Therapy»
Second level of higher education (master level)
Specialty 227 Physical Therapy, Occupational Therapy
Branch of knowledge: 22 Health Care**

**Qualification: Master of Physical Therapy, Occupational Therapy
Specialization 227.1 «Physical Therapy»**

APPROVED by the decision of the Academic Council
(protocol № 10 on May 21, 2019; the decision
was enforced by order of the Acting Rector
from May 21, 2019, № 132 –gen.)

Educational - professional program
will enter into force from September 1, 2019

Chairman of the Academic Council, Acting Rector
_____ Y. Imas



**LIST OF APPROVAL
of educational - professional program**

First Vice-Rector on Scientific -
Pedagogical Work

M. Dutchak

Head of the Educational-
Methodical Department

S.O. Gerasimenko

Head of the Department of
Quality Assurance in Higher
Education

O. Rudeshko

Discussed and agreed at the meeting of the Academic Council of the Faculty of
Health, Physical Education and Tourism (protocol № 8 on April 23, 2019)

Dean of the Faculty of Health,
Physical Education and Tourism

Y. Litvinenko

Discussed and agreed at the meeting of the Department of Health, Fitness and
Recreation (protocol № 15 on April 9, 2019)

Head of the Department of
Physical Rehabilitation

O. Lazarieva



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PREAMBLE

Developed by the Work group, composed of:

Head of the Work group:

1. I. O. Zharova – Professor of the Physical Therapy and Occupational Therapy Department, Doctor of Science in Physical Education and Sport, Associate Professor;

Work group members:

1. I. M. Martseniuk – Associate professor of the Physical Therapy and Occupational Therapy Department, Ph.D. in Physical Education and Sports;
2. E. V. Vasilenko – Lecturer of the Physical Therapy and Occupational Therapy Department, Ph.D. in Physical Education and Sports.

Reviews and feedback from stakeholders:

VLADIMIROV A.A., Doctor of medical sciences, professor, head of the department of physical rehabilitation medicine and sports medicine of the National Medical Academy of Postgraduate Education named P.L. Shupik;

GULYAEVA M.V., Head of the Scientific and Organizational Department of the Stroke Center of the Universal Clinic Oberig;

Martynyuk V.Yu., Candidate of Medical Sciences, Associate Professor, Honored Doctor of Ukraine, Head of the Department of Pediatric Neurology and Medical and Social Rehabilitation of the National Medical Academy of Postgraduate Education named P.L. Shupik, director of the Ukrainian Center for the Rehabilitation of Children Ministry of Health of Ukraine;

MAKOVIY A.YU., doctor of the highest category, director of "Bobat center";

YAROSH Yu.I., student of NUUPES, faculty of Health, physical education and tourism, department of physical therapy and occupational therapy, group 2M3-PT.

1. Profile of educational-professional program in specialty 227 Physical Therapy, Occupational Therapy (in specialization 227.1 «Physical therapy»)

1 – General information	
Full name of institution of higher education and structural subdivision	National University of Ukraine on Physical Education and Sport, Department of Physical Therapy and Occupational Therapy
Higher education degree and qualification title in original language	Master Master of Physical Therapy, Occupational Therapy
Official name of the program	Physical Therapy, Occupational Therapy
Type of diploma and the amount of educational-professional program	Master's degree, single, 120 ECTS credits, the term of study is 1 year 10 months (full-time)
Accreditation	Certificate of accreditation of the Ministry of Education and Science of Ukraine UD Series No. 11008253 of January 3, 2019. The certificate is valid until July 1, 2026. Order of the Ministry of Education and Science of Ukraine dated October 30, 2017 No. 1432, registered with the Ministry of Justice of Ukraine on November 21, 2017 under No. 1423/31291 (as amended).
Cycle / Level	National Qualifications Framework (NQF) of Ukraine – 8th level, FQ-EHEA – second cycle, EQF-LL – 8th level
Precondition	Bachelor's degree
Teaching language	Ukrainian
Duration of the educational program	by July 1, 2020
Internet address of the permanent	https://uni-sport.edu.ua

placement of the educational program description	
2 – Purpose of the education program	
The training of specialists capable to identify and deal effectively with complex specialized tasks and practical problems of an innovative and scientific nature in the field of health care, particularly in physical therapy.	
3 – Characteristics of the education program	
Subject area (branch of knowledge, specialty, specialization)	Branch of knowledge: 22 Health Care Specialty: 227 Physical Therapy, Occupational Therapy Specialization: 227.1 «Physical Therapy»
Orientation of the educational program	It is based on innovative ideas, terms, paradigms, concepts, theories and other results of modern scientific research on design and use of special technologies, analysis of the development of the health care sector, particularly in physical therapy, within which further professional and scientific career is possible.
The main focus of the educational program and specialization	Special education and training in the field of health care, particularly in physical therapy. Key words: physical therapy, examination, intervention.
Features of the program	Educational-professional program is agreed upon the recommendations of the project concerning equalization of the structure of European higher education and requirements of professional associations: World Confederation for Physical Therapy: «Policy Statements» http://www.wcpt.org/sites/wcpt.org/files/files/WCPT_Policy_statements_2013.pdf World Federation of occupational therapists: «Entry level competencies for occupational therapists» http://www.wfot.org/wfot2014/pdf/entry_level_competencies_draft.pdf
4 – Suitability of graduates for employment and further training	
Suitability for employment	Graduates are able to occupy positions whose qualification requirements include a master's degree, in business entities engaged the following types of economic activity (types of economic activities according to KVED DK 009:2010): ✓ 72.20 Research and experimental development on social sciences and humanities; ✓ 85.42 Tertiary education;

	✓ 222.9 Physical Therapist.
Further training	Graduates could continue to study for higher education at the third (educational-scientific) level.
5 – Teaching and evaluation	
Teaching and learning	Educational process is carried out on the basis of studentocentrism; competency-based approach; partnership of teaching staff and students; self-education; problem-oriented training’ integration of educational and scientific activities; professional orientation; conducting lectures, practical classes and trainings; organization of workshops, round tables, scientific conferences and seminars; attracting students to participate in the project work, contests, competitions and research activities. Involvement in training sessions skilled practitioners.
Evaluation	Ongoing monitoring: survey; performances in practical (seminar) classes; express control; the test results of the various individual tasks, presentations; essay; portfolio; evaluation of learning material for self-study student. Semester control: exams and credits, taking into account the sum of points accumulated during the course of study, presentation of the practice report. Certification of applicants for higher education is carried out in the form of exam and public presentation of qualifying work. The evaluation is carried out on a 100-point scale.
6 – Program competencies	
Integral competence	A physical therapist is able to solve complex specialized tasks and problems related to organ and system dysfunction, to conduct scientific and educational activities using provisions, theories and methods of biomedical, pedagogical, social sciences and physical therapy in conditions of complexity and uncertainty.
General competencies (GC)	<ol style="list-style-type: none"> 1. Ability to abstract thinking, analysis and synthesis; 2. Ability to apply knowledge in practical situations; 3. Ability to plan and manage time; 4. Knowledge and understanding of the subject area and understanding of professional activity; 5. Ability to conduct research at an appropriate level; 6. Ability to learn and master modern knowledge; 7. Ability to search, process and analyze information from various sources; 8. Ability to be critical and self-critical; 9. Ability to adapt and act in a new situation; 10. Ability to identify, set and solve problems;

	<p>11.Ability to make informed decisions;</p> <p>12.Ability to work as a team;</p> <p>13.Ability to interpersonal interaction;</p> <p>14.Ability to motivate people and move toward a common goal;</p> <p>15.Ability to communicate with representatives of other professional groups of different levels (with experts on other fields of knowledge / types of economic activity);</p> <p>16.Appreciation and respect for diversity and multiculturalism;</p> <p>17.Ability to work in an international context;</p> <p>18.Ability to work autonomously;</p> <p>19.Ability to act on the basis of ethical considerations (motives);</p> <p>20.Ability to evaluate and ensure the quality of work performed.</p>
<p>Professional competencies (PC)</p>	<p style="text-align: center;"><i>Professional specialty competencies</i></p> <ol style="list-style-type: none"> 1. Ability to understand complex pathological processes and disorders that can be corrected by measures of physical therapy; 2. Ability to understand patient / client's clinical diagnosis, current of illness, the principles and nature of treatment; 3. Ability to conduct physical therapy for people of different ages, nosological and professional groups with complex progressive and multi-system disorders (Annex 2); 4. Ability to analyze, adopt and interpret information received from colleagues; 5. Ability to examine and determine the functional status, level of physical development, motor and other disorders of people different ages, nosological and professional groups with complex progressive and multi-system pathology; 6. Ability to help the patient / client understand, formulate and realize their own needs; 7. Ability to predict outcomes of physical therapy, formulate goals, draw up, discuss and explain a physical therapy program, or components of an individual rehab program related to physical therapy; 8. Ability to determine the optimal level of therapeutic effort, control the duration and intensity of rehabilitation measures to ensure their compliance with health, functional capabilities of the patient / client; 9. Ability to monitor the patient / client's health with with complex progressive and multi-system disorders by

	<p>appropriate means and methods (Appendix 1);</p> <p>10. Ability to conduct professional documentation;</p> <p>11. Ability to implement modern scientific data into practical activities;</p> <p>12. Ability to participate in study programs as a clinical supervisor / methodologist in teaching practice;</p> <p>13. Ability to carry out management in physical therapy and manage the work of assistants;</p> <p>14. Ability to act independently in conditions of professional isolation;</p> <p>15. Ability to conduct entrepreneurial activity in physical therapy.</p>
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7 – Program learning outcomes	
Knowledge and understanding	<ol style="list-style-type: none"> 1. Demonstrate knowledge of the biopsychosocial disability model and ability to analyze the patient / client's medical, social and personal problems; 2. Demonstrate the ability to analyze, adopt and interpret information received from colleagues; 3. Demonstrate the ability to conduct physical therapy for patients / clients of different ages with complex pathological processes and disorders; 4. Demonstrate the ability to find, select, evaluate, discuss and apply the results of scientific research in clinical, scientific, educational and administrative activities; 5. Demonstrate the ability to determine the functional status of people different ages, nosological and professional groups with complex progressive and multi-system pathology; 6. Interview a patient / client to identify function, activity and participation disorders;
Application of knowledge and skills	<ol style="list-style-type: none"> 7. Demonstrate the ability to determine the level of psychomotor and physical development of a person; 8. Demonstrate the ability to perform the patients / clients' examination of various nosological groups and with complex progressive and multi-system pathology, using the appropriate tools; 9. Demonstrate the ability to interview and communicate with the patient / client to determine their needs and expectations, regarding their physical activity and the expected results of physical therapy; 10. Demonstrate the ability to predict physical therapy outcomes of patients / clients of different nosological groups and with complex progressive and multi-system

	<p>pathology;</p> <p>11. Demonstrate the ability to set goals of intervention;</p> <p>12. Demonstrate the ability to develop an intervention technology;</p> <p>13. Demonstrate the ability to implement individual physical therapy programs according to available resources and environment;</p> <p>14. Demonstrate the ability to carry out step-by-step, current and operational control of a patient / client's condition, to analyze the results of the implementation of physical therapy programs;</p> <p>15. Demonstrate the ability to adjust the progress of the physical therapy program based on the analysis of planned and achieved results;</p> <p>16. Constantly follow up with a patient's / client's safety;</p> <p>17. Demonstrate the ability to conduct self-dependent practical activities;</p> <p>18. Demonstrate the ability of verbal and non-verbal communication 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;</p> <p>19. Demonstrate the ability to instruct and train clients, their families, colleagues and small groups;</p>
Making a judgements	<p>20. Ability to participate in study programs as a clinical supervisor / methodologist in teaching practice;</p> <p>21. Demonstrate teaching skills;</p> <p>22. Demonstrate professional development and plan it;</p> <p>23. Demonstrate the ability to carry out research activities;</p> <p>24. Comply with the basic legal and ethical requirements, to carry out activities with the patient / client's consent.</p>
8 – Source of the program	
Staffing	<p>Scientific pedagogical staff involved in the educational process for the implementation of the program, complies with the staffing stipulated by the Licensing conditions for the exercise of educational activities in the field of higher and postgraduate education for persons with higher education.</p>
Logistics	<p>Area of teaching space for educational services on the implementation of the program, support level of their computer workplaces and multimedia equipment, social and household infrastructure complies with requirements stipulated by the Licensing conditions for the exercise of educational activities in the field of higher and postgraduate education for persons with higher education.</p>

Information, teaching and methodological support	<p>Information support:</p> <ul style="list-style-type: none"> ✓ five domestic and foreign professional periodicals relevant or related specialty profile in the university library; ✓ access to periodical scientific publications databases relevant or related specialty profile in English; ✓ official university website: https://uni-sport.edu.ua/ ✓ official university website in English: https://uni-sport.edu.ua/ <p>Teaching and methodological support:</p> <ul style="list-style-type: none"> ✓ this Program, curriculum for which higher education graduates are trained in this Program; ✓ work programs for all curriculum disciplines; ✓ programs for all types of practical training; ✓ methodical materials for the final certification of higher education applicants under this Program; ✓ curriculum with the obligatory study of the Ukrainian language as a separate educational discipline «Ukrainian as a Foreign Language» for the training foreigners and stateless persons.
9 – Academic mobility	
National Credit Mobility	
International Credit Mobility	<p>Erasmus+ Program agreements between the National University of Ukraine on Physical Education and Sport and:</p> <ul style="list-style-type: none"> ✓ The Latvian Academy of Sport Education (Riga) for 2015-2018; ✓ Jozef Piłsudski University of Physical Education (Warsaw) for 2018-2021; ✓ Lithuanian Sports University (Vilnius) for 2018-2021; ✓ Satakunta University of Applied Sciences (Pori) for 2018-2021.
Training foreign applicants for higher education	<p>Foreign students study at the university in accordance with the license of the Ministry of Education and Science of Ukraine.</p>

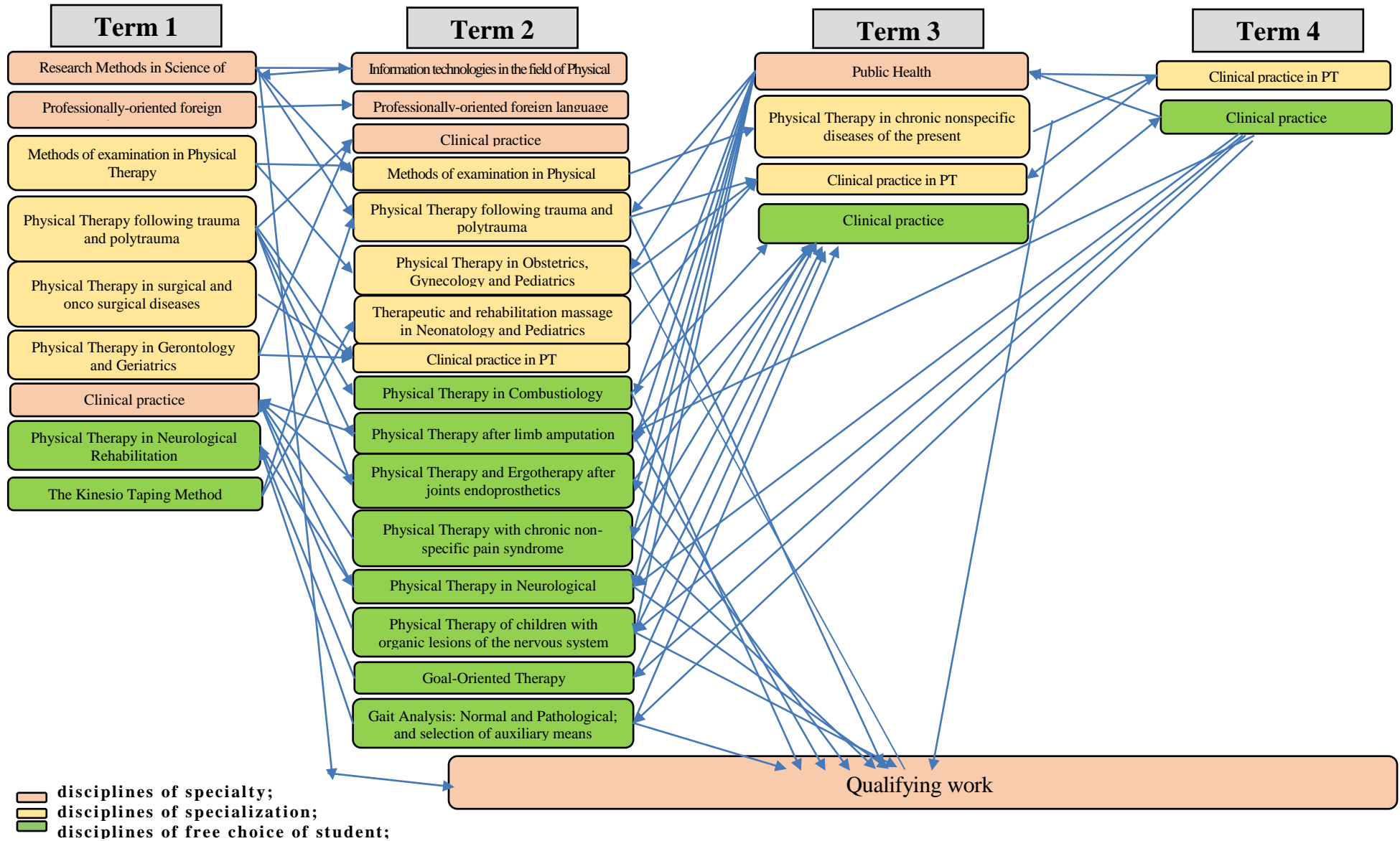
2. List of educational program components (EP)

EPP Definition	Educational program components (educational disciplines, practice, qualifying work)	Amount of credits	Final control form
1	2	3	4
Obligatory components EP			
<i>1.1. DISCIPLINES OF SPECIALTY</i>			
OK.ЦС1	Research Methods in Science of Physical Therapy and Occupational Therapy	4	Credit
OK.ЦС2	Professionally-oriented foreign language	10	Exam
OK.ЦС3	Information technologies in the field of Physical Therapy and Occupational Therapy	3	Credit
OK.ЦС4	Public Health	4	Credit
OK.ЦС5	Clinical practice	13	Credit
OK.ЦС6	Qualifying work	8	Credit
Total:		42	
<i>1.2. DISCIPLINES OF SPECIALIZATION</i>			
OK.ФТ1	Methods of examination in Physical Therapy	4	Exam
OK.ФТ2	Physical Therapy in chronic nonspecific diseases of the present	4	Exam
OK.ФТ3	Physical Therapy following trauma and polytrauma	6	Exam
OK.ФТ4	Physical Therapy in surgical and onco surgical diseases	3	Exam
OK.ФТ5	Physical Therapy in Gerontology and Geriatrics	5	Exam
OK.ФТ6	Manual Physical Therapy Techniques	5	Exam
OK.ФТ7	Physical Therapy in Obstetrics, Gynecology and Pediatrics	5	Credit
OK.ФТ8	Therapeutic and rehabilitation massage in Neonatology and Pediatrics	4	Credit
OK.ФТ9	Clinical practice in Physical Therapy	12	Credit
Total:		48	
Total amount of obligatory components:		90	

Selective components EP *			
<i>Block 1</i>			
BK.ΦT1	Physical Therapy in Combustiology	3	Credit
BK.ΦT2	Physical Therapy after limb amputation	4	Credit
BK.ΦT3	Physical Therapy and Ergotherapy after joints endoprosthesis	3	Credit
BK.ΦT4	The Kinesio Taping Method	3	Credit
BK.ΦT5	Physical Therapy with chronic non-specific pain syndrome	5	Credit
BK.ΦT6	Clinical practice	12	Credit
Total:		30	
<i>Block 2</i>			
BK.ΦT7	Physical Therapy in Neurological Rehabilitation	7	Credit
BK.ΦT8	Physical Therapy of children with organic lesions of the nervous system	3	Credit
BK.ΦT9	Goal-Oriented Therapy	4	Credit
BK.ΦT10	Gait Analysis: Normal and Pathological; and selection of auxiliary means	4	Credit
BK.ΦT11	Clinical practice	12	Credit
Total:		30	
Total amount of selective components:		30	
TOTAL AMOUNT OF THE EDUCATIONAL PROGRAM		120	

* Selective component includes two blocks (each block - 30 ECTS credits), the student can choose only one block

2. 2. Structural and logical scheme of EPP



3. Form of certification of applicants for higher education

Certification of second-level higher education graduates in specialty 227 «Physical Therapy, Ergotherapy», specialization 227.1 «Physical therapy» provides for passing a standardized test state exam and preparation of a practically-oriented comprehensive state exam of professional training disciplines.

The standardized qualifying test state exam is licensed integrated examination «Krok 2PT» or «Krok 2ET» (by specialization) that is conducted in accordance with the regulation on the system of licensed integrated examinations, approved by the Order of Ministry of Health of Ukraine from August 14, 1998, № 251, and carried out by the HEI Examination Commission and Testing Center of professional competence of specialists with higher Education of training areas «Medicine» and «Pharmacy» under the Ministry of Health of Ukraine.

Practically-oriented state examination is held in the form of certification exams or a comprehensive certification exam. The practically-oriented state examination assesses the acquisition of general and special competencies, which are necessary for the implementation of physical therapy measures in the case of disorders of the musculoskeletal, respiratory, cardiovascular and nervous systems, and other (to free choice of educational institution) areas of health care in conditions close to their professional activities.

The certification is carried out openly and publicly.

4. Internal quality assurance system for higher education

The University has a system of quality assurance of educational activities and the quality of higher education (internal quality assurance system), which provides for the implementation the following procedures and activities:

1. defining the principles and procedures for quality assurance in higher education;
2. monitoring and periodic review of educational programs;
3. annual assessments of higher education applicants, scientific and pedagogical staff of higher education institution and the regular publication of the results of such assessments on the official website of higher education institution, on information stands and in any other way;
4. providing advanced training for pedagogical, scientific and scientific-pedagogical staff;
5. ensuring the availability of the necessary resources for the organization of the educational process, including the independent work of students, for each educational program;
6. ensuring the availability of information systems for the effective management of the educational process;
7. ensuring the publicity of information on educational programs, degrees of higher education and qualifications;

8. ensuring the observance of academic honesty by the staff of higher education institutions and higher education applicants, including the establishment and maintenance of an effective system to prevent and detect academic plagiarism;
9. other procedures and activities.

The university's quality assurance system of educational activities and higher education (internal quality assurance system) shall be evaluated by the National Agency for Higher Education Quality Assurance or by its independent higher education of quality assurance agencies and accredited by them, in accordance with the requirements of the higher education quality assurance system, approved by the National Agency for Higher Education Quality Assurance and international standards and guidelines for the quality of higher education.

